

**Testimonials in favour of Thomas Grainger Stewart, M.D., Edin : candidate for the chair of general pathology in the University of Edinburgh.**

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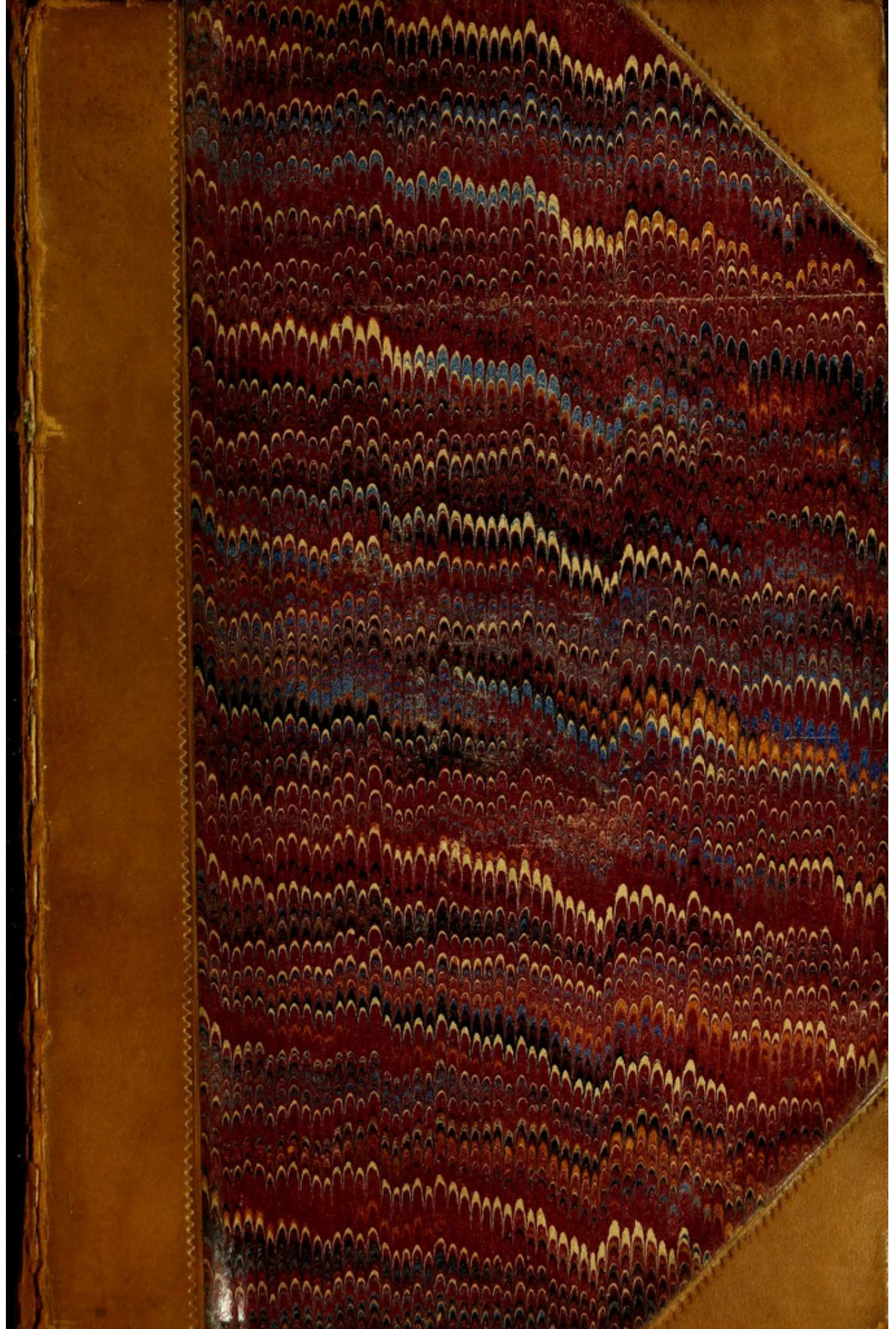
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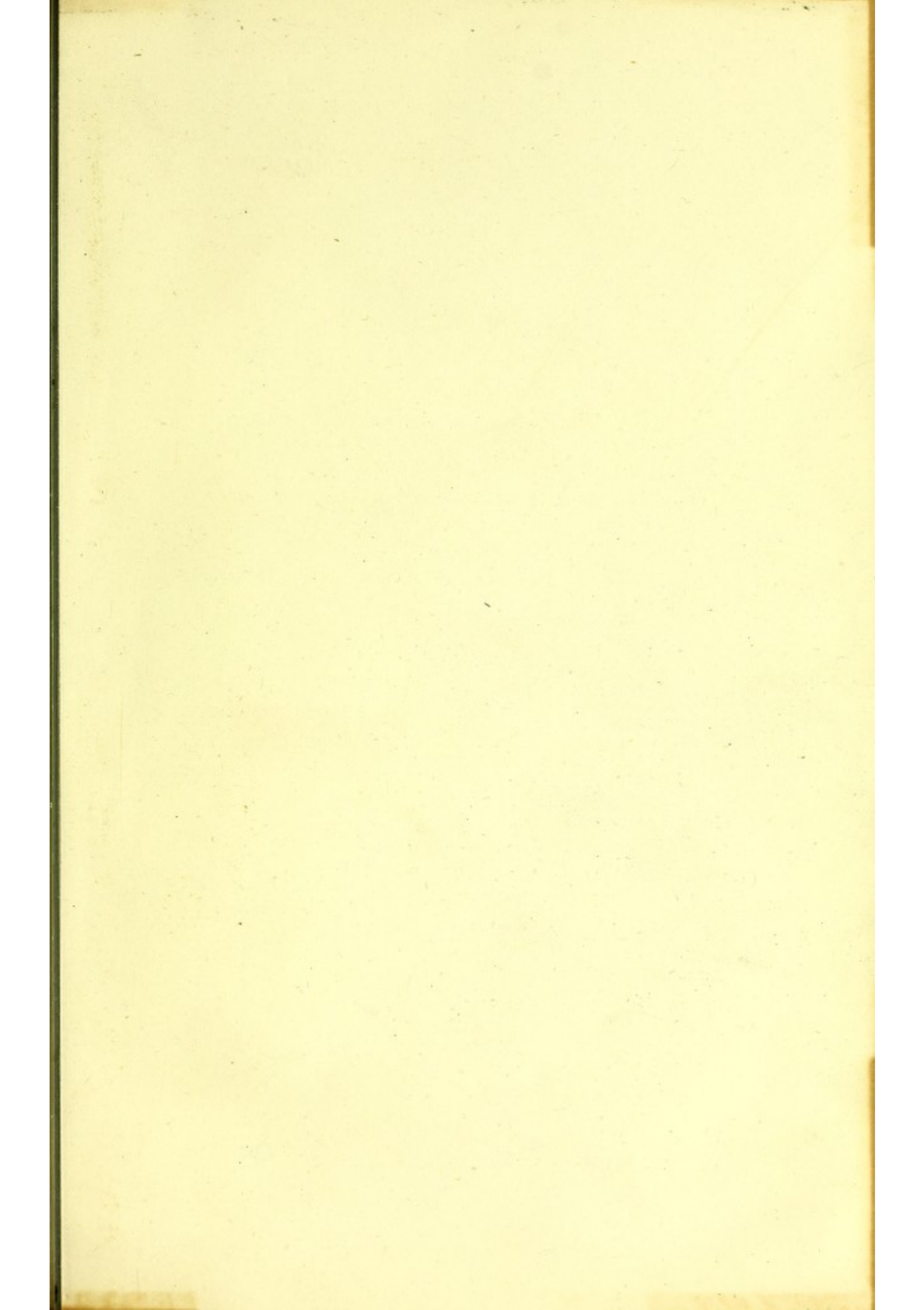
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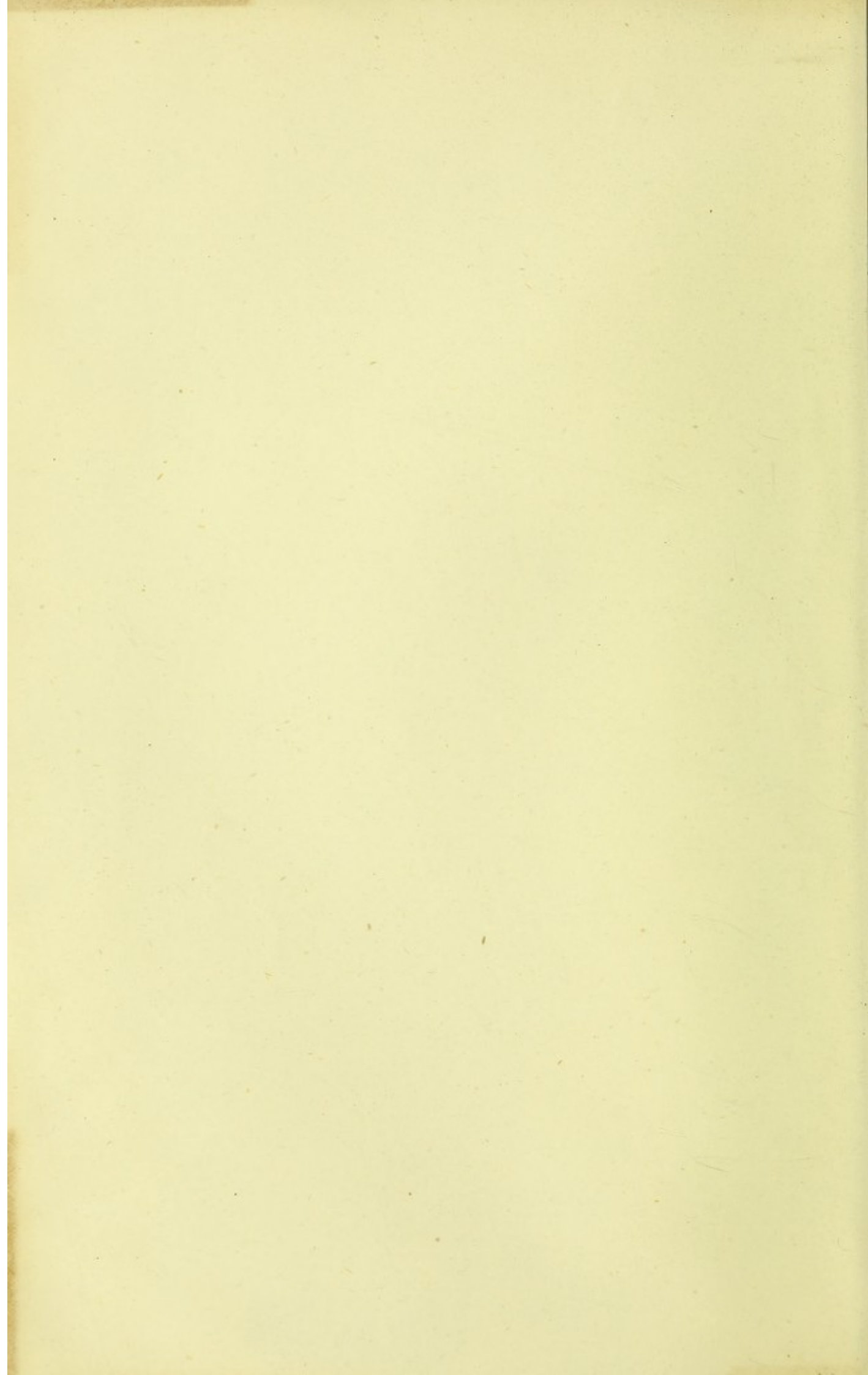


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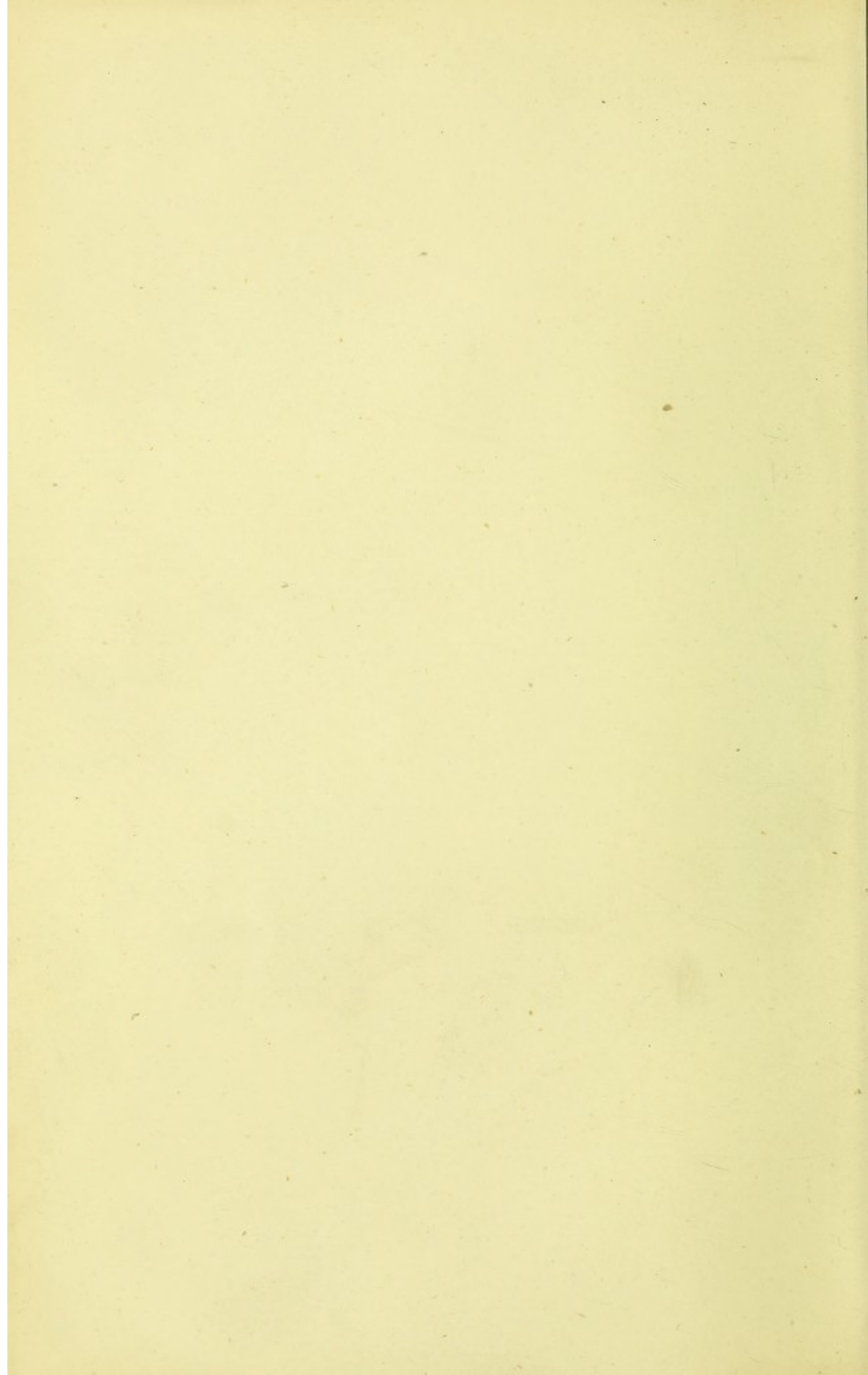




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[First Series.]

# TESTIMONIALS

IN FAVOUR OF

THOMAS GRAINGER STEWART,

M.D., EDIN.,

FELLOW AND ONE OF THE EXAMINERS OF THE ROYAL COLLEGE OF PHYSICIANS,

FELLOW OF THE ROYAL SOCIETY OF EDINBURGH,

PATHOLOGIST TO THE ROYAL INFIRMARY,

LECTURER ON PATHOLOGY AND PATHOLOGICAL ANATOMY

AT SURGEONS' HALL.

CANDIDATE

FOR THE

CHAIR OF GENERAL PATHOLOGY

IN THE

UNIVERSITY OF EDINBURGH.



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*Colston & Son, Printers,  
Edinburgh.*

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TO THE  
CURATORS OF THE UNIVERSITY OF  
EDINBURGH.

MY LORDS AND GENTLEMEN,

I beg respectfully to offer myself as a Candidate for the Chair of General Pathology in the University of Edinburgh, which is about to become vacant in consequence of Professor Henderson having tendered his resignation.

After completing my studies in the University of Edinburgh, I graduated in Medicine eleven years ago. The following year I spent on the Continent, visiting the chief Medical Schools. I passed the Winter Session in Berlin, the Summer in Vienna. In the former University I devoted my attention mainly to the study of Pathology, attending the lectures of Professor Virchow, and working regularly under him in the Pathological Institute. In Vienna I had the privilege of intimate intercourse with Professor Rokitansky, and was much in the Pathological department of the General Hospital.

On my return to Edinburgh, I was appointed Resident-



Physician in the Clinical wards of the Royal Infirmary ; and there, besides performing the usual duties of that office, carefully applied myself to the Pathological investigation of the cases which proved fatal in the wards. Some of the results of the Pathological and Clinical enquiries which I then undertook, were embodied in a Paper on the "Waxy Degeneration of the Kidney," which was published in the *Edinburgh Medical Journal*.

In 1862 I was elected to the office of Pathologist to the Royal Infirmary, an appointment which I still retain. In the performance of its duties I have carefully examined nearly all the cases which have, during these seven years, proved fatal in the Royal Infirmary, and in which permission for an examination was granted. I have also systematically recorded the lesions met with in each case, and have thus enjoyed unequalled opportunities of acquiring Pathological experience.

Soon after receiving this appointment, I obtained the licence of the Royal College of Physicians as Lecturer on Morbid Anatomy, and in the spring and summer of 1863 I delivered two Courses of lectures on that subject. Since that time, I have conducted regularly every summer a similar course. I have also instituted a Class for the practical study of Pathological Histology, on the model of those in Berlin, from which I myself had derived much advantage. I have thus delivered Eight Courses of Lectures on Morbid Anatomy,



and for seven successive summers have conducted a Class of Practical Pathological Histology.

In the autumn of 1863, I was licensed by the University Court as Lecturer on General Pathology, and in the Winter Session 1863-64, and every winter since, I have conducted Courses on this subject in the Extra-Academical School. The attendance on these Classes has steadily increased. I have thus taught for six years the subject which belongs to the Chair for which I now present myself as a Candidate, and have granted certificates which have qualified for graduation in the University.

I have always sought to render my Lectures on Pathology more interesting and instructive, by using recent specimens as illustrations, and carefully demonstrating to the Class their general and microscopic characters.

During the past seven years, I have contributed numerous Papers on Pathological Subjects to the leading Medical Journals, and have written a book on "Bright's Diseases of the Kidney," which has been favourably received in this country, and republished in America.

I have the honour to lay before you testimonies as to my Pathological work, from those considered most competent to form an opinion regarding it; also evidence of my powers as a teacher of Pathology from former pupils; and a list of my contributions to the science of Pathology.

Should you appoint me to the Chair of Pathology, it will be my earnest endeavour to discharge its duties efficiently, and to maintain, to the utmost of my power, the high position of the University of Edinburgh as a School of Medicine.

I have the honour to be,

MY LORDS AND GENTLEMEN,

Your most obedient Servant,

THOMAS GRAINGER STEWART,

M.D., F.R.C.P.E., F.R.S.E.

32 QUEEN STREET,  
EDINBURGH, *August 3, 1869.*



# CONTENTS.

---

## I. EVIDENCE as to PATHOLOGICAL ATTAINMENTS and WORK, from Professors of Pathology, Lecturers on Pathology, Patholo- gists to Hospitals, Gentlemen who have formerly occupied these Positions, and Authors of Works on Pathology.

	PAGE
1. From RUDOLPH VIRCHOW, M.D., Professor of Pathology in the University of Berlin ; Honorary Fellow of the Royal Society of Edinburgh, &c., &c., . . . . .	3
2. Extract from Letter from CHARLES ROBIN, M.D., Professor of Histology in the Faculty of Medicine, Paris ; Member of the Academy of Sciences, Paris, . . . . .	4
3. From SAMUEL WILKS, Esq., M.D., F.R.C.P., Physician and Lecturer on Medicine to Guy's Hospital ; Examiner in Medicine in the University of London ; formerly Lecturer on Pathology ; Author of "Lectures on Pathological Anatomy," and numerous other Pathological Works, . . . . .	6
4. From ROBERT D. LYONS, K.C.C., M.B.T.C.D., M.R.I.A., Fell. K. & Q. Coll. Phys. Ireland ; Professor of Medicine and Pathology in the R.C. University of Ireland, formerly Pathologist-in-Chief to the Army in the Crimea, &c., . . . . .	7
5. From SAMUEL D. GROSS, Esq., M.D., Professor of Surgery in Jefferson Medical College, Philadelphia, Author of "Elements of Pathological Anatomy," &c., &c., . . . . .	8
6. From THOMAS B. PEACOCK, Esq., M.D., F.R.C.P., Physician to St Thomas' Hospital London ; formerly Pathologist to the Royal Infirmary, Edinburgh ; Author of the "Malformations of the Human Heart," &c., &c., . . . . .	9
7. From C. HANDFIELD JONES, Esq., M.B. (Cantab), F.R.S., Physician to St Mary's Hospital ; Joint Author of "Jones and Sieveking's Pathological Anatomy," &c., . . . . .	10



	PAGE
8. Letter lately received from Dr E. RINDFLEISCH, Professor of Pathology in the University of Bonn, Author of "Handbuch der Pathologischen Gewebelehre," . . . . .	10
9. From Dr JOSEPH MEYER, Professor of Medicine in the University, formerly Pathologist to the Charité Hospital, Berlin, . . . . .	12
10. From FELIX HOPPE-SEYLER, M.D., Professor of Pathology in the University of Tübingen ; Author of "Handbuch der Pathologischen Chemie," &c., . . . . .	14
11. Extract from a Letter from E. LANCERAUX, M.D., Author of a "Treatise on Syphilis" (translated by the Sydenham Society) ; Joint Author of "Atlas d' Anatomie Pathologique," &c., . . . . .	15
12. From W. KÜHNE, M.D., Professor of Physiology in the University of Amsterdam, formerly Assistant in the Pathological Institute, Berlin, . . . . .	16
13. From Dr JULIUS COHNHEIM, Professor of Pathological Anatomy, and Director of the Pathological Institute in the University of Kiel, . . . . .	18
14. From Dr E. KLEBS, Professor of Pathological Anatomy in the University of Berne, Author of "Handbuch der Pathologischen Anatomie," . . . . .	19
15. From JOHN W. OGLE, Esq., M.D. Oxon., F.R.C.P., Physician and Lecturer on Pathology at St George's Hospital, London ; Honorary Secretary to the Pathological Society of London ; Author of numerous Papers on Pathological Subjects, . . . . .	20
16. From WILSON FOX, Esq., M.B., B.A., F.R.C.P., Holme Professor of Clinical Medicine, formerly Professor of Pathological Anatomy, University College, London ; Author of "The Diagnosis and Treatment of the Varieties of Dyspepsia," &c., &c., . . . . .	21
17. From HENRY CHARLTON BASTIAN, Esq., M.A. (Lond.), M.D. (Lond.) F.R.S., Professor of Pathological Anatomy in University College, London ; Author of numerous Papers on Pathological Subjects, . . . . .	22
18. From JAMES ANDREW, Esq., M.D. Oxon., M.A., F.R.C.P., Fellow of Wadham College, Oxford ; formerly Demonstrator of Morbid Anatomy, St Bartholomew's Hospital, London ; Author of various Pathological Papers, . . . . .	23
19. From W. MOXON, Esq., M.D., F.R.C.P., London, Lecturer on Pathology at Guy's Hospital, London, . . . . .	23



	PAGE
20. From HENRY G. SUTTON, Esq., M.B., Lecturer on Pathology at the London Hospital; Author of Papers on various Pathological Subjects, . . . . .	24
21. From W. CAYLEY, Esq., M.D., M.R.C.P., Lecturer on Pathological Anatomy and Histology at the Middlesex Hospital, London, . . . . .	25
22. From CHARLES KELLY, Esq., M.D., London, Assistant Physician and Pathologist to King's College Hospital, London, . . . . .	25
23. From SAMUEL J. MOORE, Esq., M.D., Pathologist to the Royal Infirmary, Glasgow, . . . . .	26
24. From R. BEVERIDGE, Esq., M.B., L.R.C.S.E., Physician, and formerly Pathologist to the Royal Infirmary, Aberdeen, . . . . .	27
25. From EDWARD HENRY SIEVEKING, Esq., M.D., F.R.C.P., Physician in Ordinary to H.R.H. the Prince of Wales, Joint Author of "Jones and Sieveking's Manual of Pathological Anatomy," &c. . . . .	28
26. From SEPTIMUS W. SIBLEY, Esq., F.R.C.S., lately Lecturer on Pathology at the Middlesex Hospital, . . . . .	28
27. From SAMUEL FENWICK, M.D., &c., Assistant Physician to the London Hospital; formerly Lecturer on Pathological Anatomy in the University of Durham, . . . . .	29
28. From GEORGE H. PHILIPSON, Esq., Member of the Royal College of Physicians, London; Physician to the Newcastle-upon-Tyne Infirmary; Lecturer on Pathological Anatomy to the Newcastle College of Medicine, in connection with the University of Durham, . . . . .	29
29. From THOMAS KING CHAMBERS, Esq., M.D. Oxon., F.R.C.P., Honorary Physician to H.R.H. the Prince of Wales; formerly Pathologist to St George's Hospital, London; Author of "Decennium Pathologicum," "The Indigestions," &c., &c. . . . .	30
II. EVIDENCE as to PATHOLOGICAL ATTAINMENTS and WORK, from Professors, Lecturers, and Eminent Practitioners of Medicine.	
30. From JAMES SYME, Esq., F.R.S.E., F.R.C.S.E., Professor of Clinical Surgery in the University of Edinburgh, . . . . .	33
31. From SIR THOMAS WATSON, Bart., President of the Royal College of Physicians; Author of the "Practice of Physic," . . . . .	33



	PAGE
32. From ANDREW BUCHANAN, Esq., M.D., F.F.P.S.G., Professor of Physiology in the University of Glasgow ; Author of numerous Papers on Physiological and Pathological Subjects, . . . .	34
33. From ROBERT WILLIAM SMITH, Esq., M.D., Professor of Surgery in the University of Dublin, and of Clinical Surgery in the School of Physic ; Surgeon to the Richmond Hospital, &c., &c. . . .	35
34. From FRANCIS OGSTON, Esq., M.D., Professor of Medical Logic and Medical Jurisprudence in the University of Aberdeen ; Author of numerous Papers on Pathology and Medicine, . . . .	36
35. From JOHN CLELAND, Esq., M.D., Professor of Anatomy, and one of the Clinical Lecturers, Queen's College, Galway, . . . .	36
36. From AUGUSTUS BREISKY, M.D., Professor of Midwifery in the University of Berne, formerly Assistant in the Pathological Institute of Prague, &c., &c. . . . .	37
37. From Dr W. C. WESTPHAL, Professor in the University, and Physician to the Charité Hospital of Berlin, . . . . .	38
38. From Dr GUSSEROW, Professor of Midwifery in the University of Zürich, . . . . .	39
39. From CHARLES J. B. WILLIAMS, Esq., M.D., F.R.S., Consulting Physician to Brompton Hospital for Consumption ; formerly Professor of Medicine, and Physician to University College Hospital ; Author of "The Principles of Medicine," &c., &c. . . .	40
40. From WALTER HAYLES WALSHE, Esq., M.D., F.R.C.P., Emeritus Professor of Principles and Practice of Medicine and of Clinical Medicine, University College ; Author of numerous Works on Pathology and Medicine, . . . . .	40
41. From WILLIAM ROBERTS, Esq., M.D., B.A., F.R.C.P., Lecturer on Principles and Practice of Medicine, Manchester ; Gulstonian Lecturer in the Royal College of Physicians, London ; Author of "A Practical Treatise on Diseases of the Urinary Organs," &c., &c. . . . .	41
42. From ANDREW HALLIDAY DOUGLAS, Esq., M.D., F.R.C.P.E., Physician to Chalmers' Hospital, formerly Physician to the Royal Infirmary Edinburgh ; Author of numerous Papers on Clinical Medicine, . . . . .	42
43. From J. MATTHEWS DUNCAN, Esq., M.D., F.R.C.P.E., Physician to the Royal Infirmary, Lecturer on Midwifery and Diseases of Women and Children, Edinburgh, . . . . .	43



	PAGE
44. From EDWARD CHARLTON, Esq., M.D., Senior Physician to the Hospital, Newcastle-on-Tyne; Lecturer on Medicine in the Newcastle Medical College, . . . . .	44
45. From JOHN CHAPMAN, Esq., M.D., Editor of the "Westminster Review," Author of "Cholera and Diarrhoea," &c., . . . . .	44
46. From E. HEADLAM GREENHOW, Esq., M.D., F.R.C.P., Lecturer on Medical Jurisprudence at Middlesex Hospital, London; Author of Treatises on "Diphtheria," "Addison's Disease," "Chronic Bronchitis," &c., &c. . . . .	45
47. From HERMANN WEBER, M.D., F.R.C.P. London; Physician to the German Hospital, London; Author of "Contributions to Cerebral Pathology," &c., . . . . .	46
48. From DOUGLAS ARGYLL ROBERTSON, Esq., M.D., F.R.C.S.E., Lecturer on Diseases of the Eye; formerly Lecturer on Practical Physiology in the University of Edinburgh, . . . . .	47
49. From THOMAS ANNANDALE, Esq., F.R.S.E., F.R.C.S.E., Assistant Surgeon to the Royal Infirmary, Edinburgh; Author of "Diseases of Fingers and Toes," &c. . . . .	49

### III. EVIDENCE as to GENERAL SCIENTIFIC ATTAINMENTS :—

50. From J. HUTCHISON STIRLING, Esq., LL.D. & F.R.C.S. Edin., Author of "The Secret of Hegel," &c., &c. . . . .	53
51. From JOHN CARMICHAEL, Esq., M.A. Edin., one of the Classical Masters in the High School of Edinburgh, . . . . .	55
52. From STEVENSON MACADAM, Esq., Ph.D., Lecturer on Chemistry, Surgeon's Hall; Author of various Scientific Treatises, . . . . .	56
53. From W. W. IRELAND, Esq., M.D., Author of "The History of the Siege of Delhi," &c. . . . .	57

### IV. EVIDENCE with reference to Power as a TEACHER OF PATHOLOGY, from Former Pupils :—

54. From JOHN WILKINSON, Esq., M.D., Edinburgh, . . . . .	61
55. From CHARLES HENRY GROVES, Esq., M.D., Ch.M. Edin., B.A. Trin. Coll. Dub. . . . .	62
56. From GEORGE MAY LOWE, Esq., M.B., &c., Author of various Scientific Papers, . . . . .	63

	PAGE
57. From RICHARD CATON, Esq., M.B., Assistant Physician Liverpool Children's Infirmary ; formerly President of the Royal Medical Society of Edinburgh, . . . . .	64
58. From J. R. HARDIE, Esq., M.B., formerly President of the Royal Medical Society, Edinburgh, . . . . .	65
59. From DAVID FERRIER, Esq., M.A. (Aberdeen), M.B. (Edin.) . . . . .	66
60. From LAWSON TAIT, Esq., Member of the Surgical Society of Ire- land ; Assistant Surgeon to the Clayton Hospital, Wake- field, . . . . .	67
61. From JAMES FERGUSON, Esq., M.A., L.R.C.P. and S. Edinburgh, Leslie, . . . . .	67
62. General Testimonial from Former Pupils, . . . . .	69

# EVIDENCE

AS TO

PATHOLOGICAL ATTAINMENTS AND WORK,

FROM

PROFESSORS OF PATHOLOGY,

LECTURERS ON PATHOLOGY,

PATHOLOGISTS TO HOSPITALS,

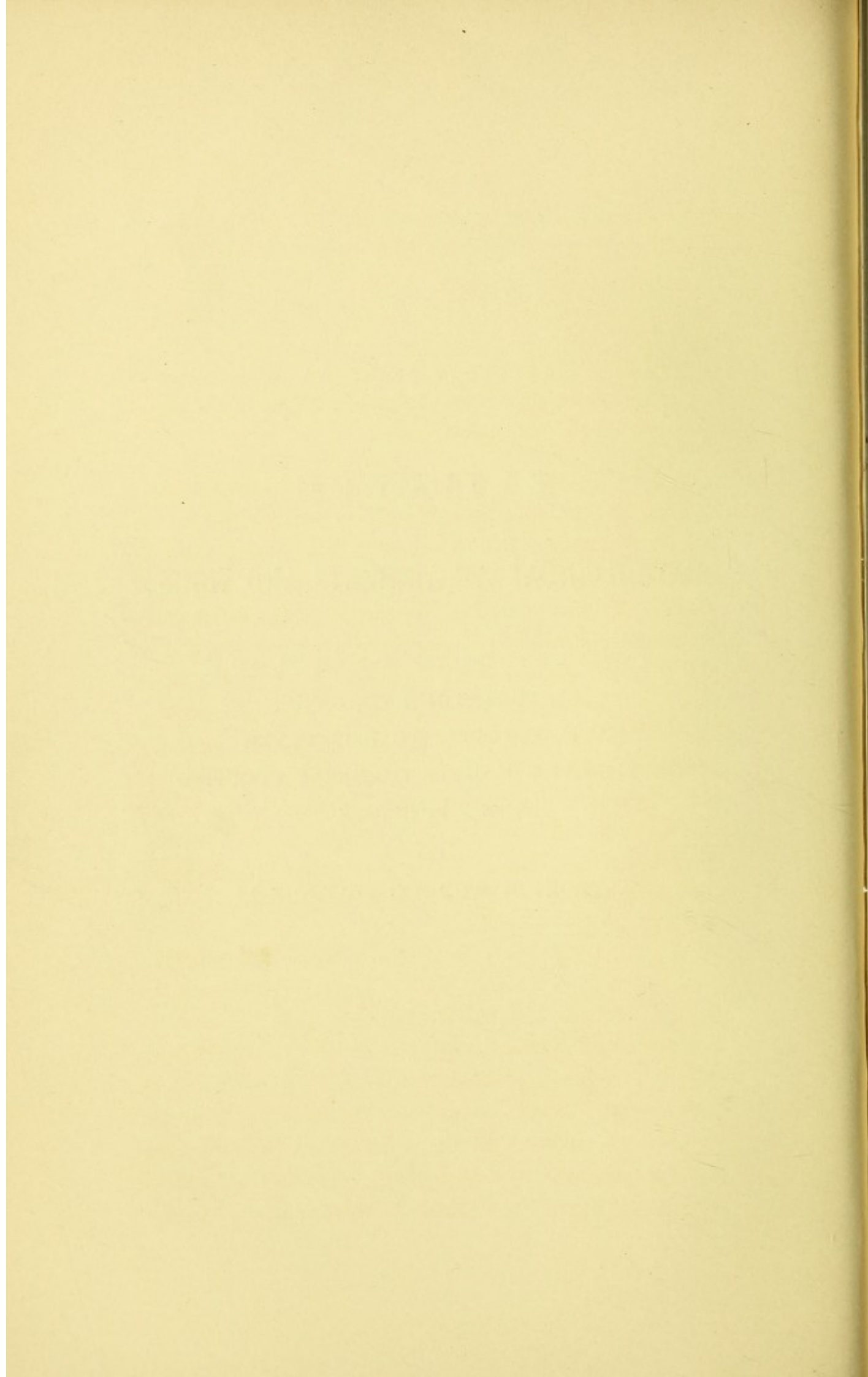
GENTLEMEN WHO HAVE FORMERLY OCCUPIED

THESE POSITIONS,

AND

AUTHORS OF WORKS ON PATHOLOGY.





I.

*From* RUDOLPH VIRCHOW, M.D., *Professor of Pathology in the University of Berlin, Honorary Fellow of the Royal Society of Edinburgh, &c., &c.*

BERLIN, 4ten Juli 1869.

Herr Dr Grainger Stewart ist mir seit der Zeit, wo er längere Studien in dem hiesigen Pathologischen Institute machte, und sich schon durch die Sorgfalt und Genauigkeit seiner Untersuchungen auszeichnete, wohl in der Erinnerung. Ich habe seit-dem seine wissenschaftlichen Arbeiten mit grossem Interesse verfolgt, und mit hohem Vergnügen gesehen dass er in strenger Befolgung exacter wissenschaftlichen Methode immer zahlreichere Früchte eigener Beobachtung gepflückt, und unser Wissen auf wichtigen Gebieten bereichert hat. Sehr gern spreche ich daher gegenwärtig, wo er sich um den Lehrstuhl der Pathologie bewirbt, meine Ueberzeugung dahin aus, dass er für eine derartige Lehrthätigkeit vorzüglich vorbereitet ist, und dass er sicherlich einer solchen Stelle Ehre machen wird.

RUDOLF VIRCHOW.

(*Translation.*)

I well remember Dr Grainger Stewart since the time that he made a prolonged study in the Pathological Institute here, and distinguished himself even then by the care and accuracy of his investigations. I have, since that time, followed out with much interest his scientific labours, and have seen, with much pleasure, that he, in the



strict following out of exact scientific methods, has been ever reaping more numerous fruits of his own observations, and enriching our knowledge in important departments.

I therefore express very willingly at present, when he is a candidate for the Chair of Pathology, my conviction that he is eminently well prepared for teaching work of that kind, and that he certainly will do honour to such a position.

RUDOLF VIRCHOW.

## II.

*Extract from a Letter from CHARLES ROBIN, M.D., Professor of Histology in the Faculty of Medicine, Paris; Member of the Academy of Sciences, Paris.*

PARIS, 1er Juillet 1869.

TRÈS HONORÉ CONFRÈRE,— \* \* \* \* Je suis heureux de pouvoir vous témoigner ici que j'ai trouvé votre *Traité de la Maladie de Bright* entièrement au courant de la science et cela particulièrement en ce qui touche les questions d'anatomie pathologique générale ou histologique dont je m'occupe spécialement.

Le voyage que j'ai fait en Allemagne en quittant l'Ecosse m'a même mis en position de dire que votre travail ne le cède en rien à ceux de ce pays pour l'exactitude des descriptions et la rigueur des inductions. Sous ce dernier rapport en particulier, si non pour les autres également, la Grande Bretagne n'a rien à envier à la Germanie, quelque soient les prétentions de celles-ci à ces divers égards. Quoique il en soit votre travail marque certainement un progrès dans l'étude des maladies du rein, et je retrouve dans vos *memoires* sur les alterations du



foie et sur la dilatation bronchique les mêmes marques de savoir et d'esprit scientifique que dans le premier.

Veillez, je vous prie, très honoré confrère, recevoir l'expression de cet avis sincèrement exprimé et celle de mes sentiments dévoués.

CH. ROBIN.

(*Translation.*)

PARIS, 1st July 1869.

MOST HONOURED COLLEAGUE.—\* \* \* I am happy to be able to testify that I have found in your Treatise on Bright's Diseases the latest views of science, especially in those points which touch questions of Pathological Anatomy, whether general or histological, to which I specially devote myself.

The journey I made in Germany, after leaving Scotland, has put me in a position to say that your work is in no way behind those of that country, in exactness of description and strictness of induction. In this latter quality, if not in the former as well, Great Britain need not envy Germany, whatever may be the pretensions of the latter on these different points. However this may be, your work assuredly marks a progress in the study of the diseases of the kidney, and I find in your contributions on the alterations of the liver, and on dilatation of the bronchi, the same proofs of knowledge, and the same scientific spirit as in the first.

Kindly receive this, most honoured colleague, as the sincere expression of my opinion, and of my devotion to you.

CH. ROBIN.



## III.

*From* SAMUEL WILKS, Esq., M.D., F.R.C.P., *Physician and Lecturer on Medicine to Guy's Hospital; Examiner in Medicine to the University of London; formerly Lecturer on Pathology; Author of "Lectures on Pathological Anatomy," and numerous other Pathological Works.*

77 GROSVENOR STREET, W.,  
LONDON, July 5, 1869.

Hearing that Dr Grainger Stewart is a Candidate for the vacant Chair of Pathology in the University of Edinburgh, I beg leave to state that I believe him to be eminently qualified to fill the same.

I have known Dr Stewart since the commencement of his career, and have always regarded him as one of our best workers in Pathological science. His earliest writings exhibited a remarkable power of research, and the same quality is observed in all his subsequent works. Having been in communication with Dr Stewart on several occasions about interesting Pathological questions, I have had an opportunity of personally testing the amount of skill and judgment which he has brought to bear on his special pursuits, as well as, at the same time, noting that he has taken comprehensive views of his subject, and has been *au courant* with the knowledge of the day.

Dr Grainger Stewart's position is that of a man who has devoted his best energies to Pathological science, and has already made his name eminent. He is still working at his favourite pursuit with untiring interest; and therefore, under these circumstances, I should consider him to be exceedingly well qualified to teach Pathology to others, and to bring renown to his Chair.

SAMUEL WILKS.

## IV.

*From* ROBERT D. LYONS, K.C.C., M.B.T.C.D., M.R.I.A.,  
Fell. K. & Q. Coll. Phys. Ireland, *Professor of Medi-*  
*cine and Pathology in the R.C. University of Ireland,*  
*formerly Pathologist-in-Chief to the Army in the Crimea,*  
*&c.*

8 MERRION SQUARE, WEST, DUBLIN,  
July 12, 1869.

I feel much pleasure in placing on record the high opinion I entertain of Dr Grainger Stewart's qualifications as a Physician and Pathologist. I have perused, with much interest and profit, his valuable work on the Diseases of the Kidney, and his Essay on Bronchiectasis.

Dr Grainger Stewart has shown himself to be an able and original investigator of Morbid Structures; and, when placed in a position of enlarged operation, I feel confident his researches will shed fresh lustre on the already justly celebrated school of Edinburgh.

I believe that his appointment to the Chair of Pathology, now vacant, would be viewed with great satisfaction by all earnest cultivators of that branch of medical science, and that his teaching would disseminate an advanced and extensive knowledge of Pathology and Pathological Anatomy amongst his classes.

ROB. D. LYONS.

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## V.

FROM SAMUEL D. GROSS, Esq., M.D., *Professor of Surgery*  
*in Jefferson Medical College, Philadelphia, Author of*  
*"Elements of Pathological Anatomy," &c., &c.*

JEFFERSON MEDICAL COLLEGE,  
PHILADELPHIA, July 5, 1869.

To the Trustees of the University of Edinburgh.

GENTLEMEN,—I have just been informed that Dr T. Grainger Stewart is about to be a Candidate for the Chair of Pathology in your celebrated University; and, although I am personally unknown to you, I trust it will not be impertinent in me to say a word on his behalf, as to his fitness for the position in question.

Dr Stewart is known to me only through his writings. These, although not numerous, have secured him a national reputation, and have stamped him as an original observer of no ordinary powers. His treatise on "Bright's Diseases of the Kidneys" is, beyond question, the ablest work upon the subject in the English language, and is a model of a monograph, of the authorship of which any man may justly be proud. In systematic arrangement, clearness of style, concentration of thought, and originality of research, it reflects great credit upon the medical profession of Scotland, and forms a most valuable contribution to the medical literature of the present day. I know, of course, nothing of Dr Stewart's ability as a lecturer, but I take it for granted that a gentleman who has such a complete power over his pen, could not fail to make a most acceptable teacher. As an original observer, and a close student, his writings afford ample evidence; and I need not say that these are qualities which every teacher ought to possess, to enable him to do justice to his Chair, especially in so renowned an institution as the



University of Edinburgh. I will only add that Dr Stewart is very favourably known on this side of the Atlantic, and that he is destined, if his life be spared to any reasonable length, to attain an exalted rank in his profession.—I have the honour to be, Gentlemen, very respectfully, your obedient servant,

S. D. GROSS.

## VI.

*From* THOMAS B. PEACOCK, Esq., M.D., F.R.C.P., *Physician to St Thomas's Hospital, London; formerly Pathologist to the Royal Infirmary, Edinburgh; Author of "The Malformations of the Human Heart," &c., &c.*

LONDON, 20 FINSBURY CIRCUS,  
7th July 1869.

Dr Grainger Stewart is well known to me, as having been for several years the Pathologist of the Royal Infirmary of Edinburgh, and by the publication of various papers on Pathological subjects. These prove him to have zealously availed himself of the large opportunities for practical study which his appointments have afforded him, and attest the ability and success with which he has more especially devoted himself to the cultivation of Morbid Anatomy and Pathology. I understand also that he is a lucid and successful lecturer; and I therefore regard him as well qualified, both by extensive attainments and experience as a teacher, for the appointment of Professor of Pathology in the University of Edinburgh.

THOMAS B. PEACOCK.



## VII.

*From C. HANDFIELD JONES, Esq., M.B. (Cantab), F.R.S.,  
Physician to St Mary's Hospital; Joint Author of  
"Jones' and Sieveking's Pathological Anatomy," &c.*

49 GREEN STREET, PARK LANE, W.,

July 12, 1869.

DEAR SIR,—Your name has been long familiar to me as one of the good workers of the Edinburgh School. I can have no hesitation in expressing my conviction that you are eminently qualified for the Chair of Pathology in the University of Edinburgh, as far as I am able to judge.

I have perused the work you have recently published, and think you may well appeal to it in evidence of your capacity for original Pathological research.

In saying thus much, I fear I may do you but scant justice ; for it is no easy matter to appreciate correctly all the good work that is done at the present day, and I am less in the way of such reading now than I used to be.—Believe me, yours very truly,

C. HANDFIELD JONES.

## VIII.

*Letter lately received from Dr E. RINDFLEISCH, Professor of  
Pathology in the University of Bonn, author of "Handbuch  
der Pathologischen Gewebelehre."*

Bonn, Juni 26, 1869.

Sehr geehrter Herr College,—Erlauben Sie mir Ihnen meinen ganz besonderen Dank auszusprechen für die freundlichst übersandte Monographie über die Brightische Krank-

heit. Ein Blick auf die beigegebenen Illustrationen hat mich gelehrt was ich übrigens schon aus den Referaten in unseren Zeitschriften vermuthen durfte, dass Sie zu ganz ähnlichen anatomischen Resultaten gekommen sind, wie ich selbst sie in meinem Lehrbuch niedergelegt habe. Vor allem freut mich die Uebereinstimmung unserer Ansichten in Beziehung auf die Combination der Amyloiden Entartung und entzündlicher Prozesse, namentlich der interstitiellen Bindegewebs-Entwicklung.

Schon in jener früheren Mittheilung welche Sie in *British and Foreign Medico-Chirurgical Review*, 1868, January, über die Beziehungen der Amyloiden Entartung der Därme zu Blutungen gemacht haben, liegen die Anfänge jener auch von Ihnen mitgetheilten Anschauung ausgesprochen, dass die Amyloide Entartung wegen ihres Sitzes in den Gefässwandungen zu Unregelmässigkeiten der Circulation, zu hämorrhagisch entzündlichen Vorgängen, gewissermassen ein prädisponirendes Moment abgäbe.

Der interessante Fall von Gastritis Phlegmonosa, welchen Sie in *Edinburgh Medical Journal*, Feb. 1868, mitgetheilt haben, hat sich hier ebenfalls einmal ereignet. Ich habe mich genauer mit dem histologischen Detail befasst, und werde Ihnen seiner Zeit eine Mittheilung darüber zugehen lassen.— Mit grösster Hochachtung der Ihrige,

E. RINDFLEISCH,

Dr Grainger Stewart, Edinburgh.

(Translation.)

Bonn, 26th June 1869.

MUCH HONOURED COLLEAGUE,—Permit me to express my special thanks for the Monograph on Bright's Disease, which you have kindly sent to me. A glance at the accompanying



illustrations has shown me what I, however, from the quotations in our periodicals, had already supposed, that you have arrived at anatomical results closely resembling those which I have stated in my handbook. I am glad, above all, at the similarity of your views in regard to the combination of the Amyloid Degeneration and Inflammatory process, particularly of the interstitial development of connective tissue.

Already, in the earlier communication which you made in the "British and Foreign Medico-Chirurgical Review" of January 1868, on the relations of the Amyloid Degeneration to Hemorrhage from the Intestine, lie the germs of the idea which you have expressed, that the Amyloid Degeneration, from its situation in the walls of the vessels, predisposes to irregularities of circulation, and to hæmorrhagic inflammatory processes.

The interesting disease "Gastritis Phlegmenosa," of which you published a case in the "Edinburgh Medical Journal" for 1868, has also been on one occasion met with here. I have devoted my attention to the minute histological details, and shall send you in due time a communication regarding it.—With the highest esteem, yours,

E. RINDFLEISCH.

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## IX.

*From Dr JOSEPH MEYER, Professor of Medicine in the University; Physician, formerly Pathologist, to the Charité Hospital, Berlin.*

Herr T. Grainger Stewart, M.D., ist mir seit jener Zeit, wo ich das Vergnügen hatte ihn in der objectiven Untersuchung der Kranken, insbesondere in der Auscultation und



Percussion, zu unterrichten wohl bekannt und habe ich nicht nur gelegenheit gehabt damals seinen Eifer, seinen Scharfsinn und sein praktisches Geschick kennen zu lernen, sondern, auch seine weitere wissenschaftliche Entwicklung und seine schönen Arbeiten, insbesondere sein "Practical Treatise on Bright's Diseases," mit grossem Interesse verfolgt.

Ich stehe daher auch nicht an es hiermit auszusprechen dass nach meinem Ermessen Herr Dr G. Stewart den Lehrstuhl der Pathologie würdig ausfüllen wird und seine Berufung hierzu nur die gerechte Anerkennung seiner ärztlichen Kenntnisse, Fähigkeiten und wissenschaftlichen Verdienste sein würde.

JOSEPH MEYER.

(*Translation.*)

Dr Grainger Stewart has been well known to me since I had the pleasure of instructing him in the clinical examination of the sick, particularly in auscultation and percussion, and I not only had then opportunity to observe his zeal, penetration, and practical skill, but have also followed, with great interest, his further scientific developement, and his admirable works, especially his "Practical Treatise on Bright's Diseases."

I therefore do not hesitate to state that, in my opinion, Dr Grainger Stewart will worthily fill the Chair of Pathology, and that his election would be only the just acknowledgment of his medical knowledge, ability, and scientific services.

JOSEPH MEYER.

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## X.

*From FELIX HOPPE-SEYLER, M.D., Professor of Pathology in the University of Tübingen; Author of "Handbuch der Pathologischen Chemie," &c.*

TÜBINGEN, 29ten Juni 1869.

LIEBER HERR DOCTOR,—Sie wünschen von mir ein Zeugniß über Ihre Thätigkeit im Laboratorium des Pathologischen Instituts zu Berlin vor 10 Jahren, da Sie als Candidat für die vacant werdende Professur der Pathologie in Edinburgh auftreten wollen. Wenn mein Zeugniß überhaupt Ihnen dazu etwas nützen könnte, würde es mich sehr freuen, da ich in der Erinnerung aus jener Zeit, und den Notizen, die ich noch besitze, den Grund für meine Ueberzeugung finde, dass Sie in dieser Stellung, der Wissenschaft und Ihrer Academie sicherlich wesentliche Dienste leisten werden, dass Sie besonders bei dem Geschick und den Kenntnissen, die ich von Ihnen kenne, in streng wissenschaftlicher Richtung Ihre Thätigkeit entwickeln werden. Wenn Sie also mit Ihrer Bewerbung günstigen Erfolg erreichen, gratulire ich nicht nur Ihnen, sondern auch der Universität.—Ihr ergebenster.

FELIX HOPPE-SEYLER.

Herrn Dr T. Grainger Stewart,  
Edinburgh.

(Translation.)

TÜBINGEN, 29th June 1869.

DEAR DOCTOR,—You desire from me a certificate with regard to your work in the Laboratory of the Pathological Institute at Berlin ten years ago, as you intend becoming a Candidate for the Professorship of Pathology in Edinburgh,

about to be declared vacant. It would give me much pleasure if my testimony for this object could be of any use to you, as from my recollection of that time, and the notes I still possess, I find reason for my conviction that in this position you will certainly render essential services to science and your University; and that you will, particularly with the ability and the knowledge which I know you possess, develop your energies in a strictly scientific direction. If, therefore, you are successful with your application, I shall congratulate not you alone, but also the University.—Your most obedient,

FELIX HOPPE-SEYLER.

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# XI.

*Extract from a Letter from E. LANCEREAUX, M.D., Author of a "Treatise on Syphilis" (translated by the Sydenham Society); Joint Author of "Atlas d'Anatomie Pathologique," &c.*

PARIS, 3 RUE ST ARNAUD,  
29 Juin 1869.

CHER MONSIEUR,—\* \* \* Je connaissais très-bien votre ouvrage sur les maladies des reins et j'en avais pris note dans plusieurs journaux avec l'intention de m'en servir et de le citer à l'occasion, car je le juge fort bien fait et conforme à mes idées médicales.

Je publie en ce moment un atlas d'Anatomie Pathologique où je me propose d'en parler, mais je m'occupe en outre d'un traité étendu sur le même sujet où je ne manquerai pas d'emprunter à vos intéressants et remarquables travaux.

Vous êtes, je crois, dans la voie du progrès médical et vous



voudrez bien me permettre de vous en féliciter; en même temps je vous prie de croire à mes sentiments les plus distingués.

E. LANCEREAUX.

(*Translation.*)

DEAR SIR,—

\* \* \* \*

I was well acquainted with your work on Diseases of the Kidney, and I have taken note of it in several periodicals, with the intention of making use of it and quoting it; for I think it very well written, and it is fully accordant with my medical ideas.

I am at present publishing an Atlas of Pathological Anatomy, in which I propose to refer to it. I am also busy with a complete work on the same subject, in which I will not fail to borrow from your interesting and remarkable works.

You are, I believe, in the way of medical progress: permit me to congratulate you, and to express my regard.—Yours truly,

E. LANCEREAUX.

## XII.

*From W. KÜHNE, M.D., Professor of Physiology in the University of Amsterdam, formerly Assistant in the Pathological Institute, Berlin.*

LIEBER HERR COLLEGE,—Es würde mir zur grössten Freude gereichen wenn ihre Verdienste um die Pathologie und die Pathologische Anatomie durch Zuerkennung der in Edinburgh vacanten Professur, die gerechte Anerkennung erhielten.

Sie wissen zu gut mit welchem Interesse ich Ihren Untersuchungen gefolgt bin, als dass ich es nöthig hätte gegen Sie hervorzuheben. Kann es aber dazu beitragen Ihrer ausgezeichneten Universität in Ihnen ein der Wissenschaft und deren Lehre so ergebenes und mächtiges Mitglied zuzuführen, so ist es mir ein Vergnügen dieses auch laut und vor aller Welt zu thun.—In freundschaftlicher Hochachtung, Ihr ergebenster

KÜHNE.

Herrn Dr T. Grainger Stewart,  
Zu Edinburgh.

*(Translation.)*

DEAR COLLEAGUE. — It would afford me the greatest pleasure if your services in Pathology and Pathological Anatomy should find their just reward by your election to the vacant Chair in Edinburgh.

You know too well with what interest I have followed your investigations, to make it necessary to express it to you. But if it can contribute to secure to your distinguished University, in your person, a member so devoted to science, and so able, it is a pleasure to me to state this publicly, and before all the world.—With much esteem, your most obedient

W. KÜHNE.

Dr Grainger Stewart, Edinburgh.



## XIII.

*From Dr JULIUS COHNHEIM, Professor of Pathological Anatomy, and Director of the Pathological Institute in the University of Kiel.*

KIEL, 4 Juli 1869.

Herr T. Grainger Stewart ist mir seit einer Reihe von Jahren als einer der bewährtesten Forscher auf dem Gebiete der Pathologischen Disciplinen bekannt. Seinen Publikationen bin ich insbesondere deswegen jeder Zeit mit grossem Interesse gefolgt, weil jede derselben unter Vermeidung alles leeren theoretischen und speculativen Prunks eine positive und thatsächliche Bereicherung unserer Wissenschaft bot. Dabei hat vor allem das Buch dieses Autors ueber die Brightische Nierenkrankheit gezeigt, dass derselbe seine grosse Pathologische Erfahrung dadurch in hohem Grade fruchtbar zu machen weiss, dass er sie in innige Verbindung mit den Ergebnissen der modernen physiologischen Forschung bringt. Nicht minder bleibt Herr Grainger Stewart vor jeder Einseitigkeit in Auffassung und Schlussfolgerung bewahrt durch die genaue Bekanntschaft mit der Englischen und fremden Literatur welche aus jeder Seite seiner Publicationen hervorleuchtet.

Hiernach kann ich nicht umhin Herrn T. Grainger Stewart als ganz vorzüglich befähigt für einen Lehrstuhl der Pathologie an einer Universität zu halten.

DR COHNHEIM.

(*Translation.*)

Dr Grainger Stewart has been known to me for a number of years as one of the most trustworthy investigators in the field of Pathological study. I have at all times followed his



publications with great interest, because each of them showed a positive and actual enrichment of our science, avoiding all empty theoretical and speculative show. In addition to that, this author's book on Bright's Diseases has, above all, shown that he knows how to make his great Pathological experience fruitful in a high degree, bringing it into close relation with the results of modern physiological research. Dr Grainger Stewart remains not less free from all one-sidedness in comprehension and deduction, by the minute acquaintance with the English and Foreign literature, which shines forth in every line of his publications.

I can therefore not forbear considering Dr Grainger Stewart eminently fitted for a Chair of Pathology in a University.

JULIUS COHNHEIM.

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#### XIV.

*From Dr E. KLEBS, Professor of Pathological Anatomy in the University of Berne, Author of "Handbuch der Pathologischen Anatomie."*

BERNE, 25 Juni 1869.

Mit grösstem Vergnügen bezeuge Herrn Grainger Stewart in Rücksicht auf seine zahlreichen und trefflichen wissenschaftlichen Untersuchungen dass derselbe nach meinem Dafürhalten jeden Lehrstuhl der Pathologie rühmlichst und zum grössten Nutzen der betreffenden Universität ausfüllen wird.

DR E. KLEBS.

(Translation.)

I testify with great pleasure to Dr Grainger Stewart, on the ground of his numerous and excellent Scientific Works, that,



in my opinion, he will fill any Chair of Pathology with great distinction and eminent advantage to the University with which he may be connected.

DR E. KLEBS.

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XV.

*From JOHN W. OGLE, Esq., M.D. OXON., F.R.C.P., Physician and Lecturer on Pathology at St George's Hospital, London; Honorary Secretary to the Pathological Society of London; Author of numerous Papers on Pathological Subjects.*

13 UPPER BROOK STREET, LONDON,

July 7, 1869.

Having understood from Dr Grainger Stewart that he intends to come forward as a Candidate for the Chair of Pathology in the University of Edinburgh, I have much pleasure in adding my testimony to his special fitness for such an appointment. Dr Stewart's writings are studied by all who are interested in the progress of medicine, and especially of Pathology, to which branch of knowledge he has largely contributed; and I may say that the profession have to thank him for results which bear greatly on the practice as well as the theory of medicine.

For my own part, I may state that in my lectures on Pathology, I have frequent occasion to quote his observations to my class.

From what I know of Dr Grainger Stewart, I believe that he possesses qualifications which, in addition to his special knowledge, eminently fit him for the office to which he aspires.

JOHN W. OGLE.



## XVI.

*From* WILSON FOX, Esq., M.B., B.A., F.R.C.P. *Holme*  
*Professor of Clinical Medicine, formerly Professor of*  
*Pathological Anatomy, University College, London ;*  
*Author of "The Diagnosis and Treatment of the Va-*  
*rieties of Dyspepsia," &c., &c.*

22B CAVENDISH SQUARE,

July 5, 1869.

Having been requested to express my opinion regarding the qualifications of Dr Grainger Stewart for the Professorship of Pathology in the University of Edinburgh, I have no hesitation in stating my conviction that he is endowed, in a high degree, with attributes essential to the successful teaching of the subject. I have the advantage of Dr Stewart's personal acquaintance, and I believe that I have read most, if not all, of his published works.

Dr Stewart is a gentleman of great and extensive erudition on medical literature, and particularly on that branch which relates to Pathology. His study in Germany has, in particular, made him widely conversant with the leading German authorities on this subject ; and it may not be superfluous to state that a large proportion of recent knowledge on this subject has been derived from this source. Dr Stewart's works show the character of original and thoughtful investigation, of a very high order of scientific merit, and in his papers on Amyloid Degeneration and Bronchiectasis, and also in his larger work on "Diseases of the Kidney," he has added much to our knowledge of these subjects, and has shown habits of profound, sound, and philosophical thought.

He is an enthusiastic worker. With these qualifications, I cannot but believe that he will prove an eminently success-



ful teacher, and will contribute to maintain the illustrious character of the University with which he seeks to be connected.

WILSON FOX.

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XVII.

*From* HENRY CHARLTON BASTIAN, Esq., M.A. (Lond.), M.D. (Lond.), F.R.S., *Professor of Pathological Anatomy in University College, London; Author of numerous Papers on Pathological subjects.*

26 QUEEN ANNE STREET, W.,  
July 5, 1869.

MY DEAR SIR,—I have much pleasure in bearing testimony to your eminent qualifications for the Chair of Pathology in the University of Edinburgh, for which you tell me you are now a Candidate.

Your very excellent researches upon the Pathology of Renal Diseases and Bronchiectasis, together with numerous other Pathological memoirs, have led me to regard you, not only as one of the most active and zealous, but also one of the most skilled and thorough, Pathologists in the United Kingdom.

Having formed this opinion, I can only most heartily wish you success; in the full expectation that if this be achieved, you will not only reflect honour upon the University, but will confer great benefits upon the students, by your zeal in the study and teaching of one of the most important departments of our profession.—Believe me, my dear Sir, very truly yours,

H. CHARLTON BASTIAN.

Dr T. Grainger Stewart.

## XVIII.

*From* JAMES ANDREW, Esq., M.D., Oxon, M.A., F.R.C.P.,  
*Fellow of Wadham College, Oxford, formerly Demonstrator*  
*of Morbid Anatomy, St Bartholomew's Hospital, London;*  
*Author of various Pathological Papers.*

59 RUSSELL SQUARE,  
 July 9, 1869.

I gladly avail myself of the opportunity which Dr T. Grainger Stewart has given me of expressing the high opinion I entertain of his merit as a Pathologist. The work he has already done, his successful research, and his faculty of clear expression, qualify him most admirably for the duties of a Professor who ought to be able both to advance and to teach the branch of knowledge with which he deals.

He would, I am sure, be found to be no unworthy successor even to the great men who have filled the Chair of Pathology in the University of Edinburgh.

J. ANDREW.

## XIX.

*From* W. MOXON, Esq., M.D., F.R.C.P. London, *Lecturer*  
*on Pathology at Guy's Hospital, London.*

6 FINSBURY CIRCUS, LONDON,  
 5th July 1869.

DEAR DR STEWART,—I am very glad to have an opportunity of saying how much I am indebted to your many able contributions to Pathological Science.

I turn with warm interest to anything of yours, because I have always found in your papers thorough research and



truthful and graphic description, together with a large knowledge and a liberal recognition of the labours of contemporary Pathologists. This is why I am in the habit of quoting facts and opinions from you in Guy's *post mortem* theatre, as well representing the experience of Pathologists in Scotland. I am sensibly aware that this is the very highest compliment I could pay you. For to Scotland all of us, who desire and hope and work for the progress of "the basis of modern medicine," look with pride and expectation, as we appreciate the faithful labours of so many of your countrymen, whose names are here held in high esteem. I am sure I do no injustice to anyone, in saying, that no one with whose writings I am acquainted is so well able and entitled to carry out the duties of, and to add lustre to, the distinguished position you are seeking.

W. MOXON.

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## XX.

*From* HENRY G. SUTTON, Esq., M.B., *Lecturer on Pathology at the London Hospital ; Author of Papers on various Pathological subjects.*

9 FINSBURY SQUARE,

July 5, 1869.

Dr Grainger Stewart is very well known to me by his Pathological work.

His essay on "Dilated Bronchial Tubes" contains much original research, and is the most complete treatise on that subject in the English language.

Dr Stewart's investigations on the Pathology of "Lardaceous Disease" are original, accurate, and such as entitle him to the gratitude of the profession.

I should hear of Dr Stewart's appointment to the Chair of Pathology in the University of Edinburgh with very great pleasure, for I believe that he would greatly advance the teaching of Pathology.

HENRY G. SUTTON, M.D.

## XXI.

*From W. CAYLEY, Esq., M.D., M.R.C.P., Lecturer on Pathological Anatomy and Histology at the Middlesex Hospital.*

58 WELBECK STREET, LONDON,  
July 7, 1869.

Dr T. Grainger Stewart, by his contributions to Pathology, especially by his so well known work on Diseases of the Kidney, has established his reputation as an able and scientific Pathologist, and, as such, would fill with distinction the Chair for which he is a Candidate.

W. CAYLEY.

## XXII.

*From CHARLES KELLY, Esq., M.D. London, Assistant Physician and Pathologist to King's College Hospital, London.*

KING'S COLLEGE, LONDON,  
July 10, 1869.

Although not personally known to Dr Grainger Stewart, I am intimately acquainted with his contributions to Medical Literature.

He has more especially distinguished himself by his researches on the various forms of Kidney Disease, and has thrown much light on the Pathology of these affections.



In all of his memoirs with which I am acquainted, Dr Stewart seems to have investigated the subject with so much accuracy and care, and to have expressed his views so clearly and well, as to convince me that not only is he thoroughly master of his subject, but that, when he differs from other observers, it is the result of original and practical experience and laborious thought.

Several of our students who have studied at Edinburgh, and have benefited by Dr Stewart's teaching, have testified to his great capabilities of imparting knowledge, and of making difficult subjects easily understood.

As an original worker in Pathology, and as a successful teacher, Dr Stewart seems singularly fitted for the post of Professor of Pathology in the University of Edinburgh.

CHARLES KELLY.

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### XXIII.

*From* SAMUEL J. MOORE, Esq., M.D., *Pathologist to the Royal Infirmary, Glasgow.*

16 CARLTON PLACE, GLASGOW,  
9th July 1869.

MY DEAR DR STEWART,—It affords me much pleasure to bear testimony to your high qualifications for the Chair of Pathology in the Edinburgh University.

Your numerous contributions on Pathology, and more especially your recent invaluable book on Bright's Diseases of the Kidneys, show with what devotion you have applied your highly educated mind to become a thorough master of the subject which you have so long successfully taught.

I believe that no one could be found more highly qualified to discharge the onerous duties connected with the Chair.

On your own account, as well as for the great advantage that your appointment would confer on our profession, I cordially wish you success in your application.—Believe me, yours very truly,

S. J. MOORE.

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XXIV.

*From R. BEVERIDGE, Esq., M.B., L.R.C.S.E., Physician, and formerly Pathologist to the Royal Infirmary, Aberdeen.*

ABERDEEN, 9th July 1869.

I have much pleasure in bearing testimony to the merits and abilities of Dr T. Grainger Stewart as a Pathologist. During the time that he has acted in that capacity in connection with the Royal Infirmary, he has contributed his full share towards sustaining the reputation of the Edinburgh Medical School, and I have, therefore, no hesitation in stating my belief that he would fill the Chair of Pathology, for which he is now a Candidate, with credit to himself and advantage to the University.

R. BEVERIDGE.

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## XXV.

*From* EDWARD HENRY SIEVEKING, Esq., M.D., F.R.C.P.,  
*Physician in Ordinary to H.R.H. the Prince of Wales ;*  
*Joint Author of "Jones' and Sieveking's Manual of*  
*Pathological Anatomy," &c.*

17 MANCHESTER SQUARE, *July 12, 1869.*

Dr T. Grainger Stewart's name has long been known to the medical profession as that of an earnest and successful worker in medicine, and especially in the branch of Pathological Anatomy.

I have no hesitation in expressing the opinion that Dr Stewart is eminently qualified to fill the post of Lecturer on Pathology in the University of Edinburgh.

E. H. SIEVEKING.

## XXVI.

*From* SEPTIMUS W. SIBLEY, Esq., F.R.C.S., *lately Lecturer*  
*on Pathology at the Middlesex Hospital.*

NEW BURLINGTON STREET,  
*July 7, 1869.*

I have pleasure in bearing testimony to the qualifications of Dr Grainger Stewart for the Chair of Pathology in the University of Edinburgh. Dr Grainger Stewart is well known as an able and diligent worker at the science of Pathology; and he has shown, by his contributions to medical literature, that he is well fitted for the office for which he is a Candidate.

SEPTIMUS W. SIBLEY.

## XXVII.

*From* SAMUEL FENWICK, Esq., M.D., &c., *Assistant Physician to the London Hospital; formerly Lecturer on Pathological Anatomy in the University of Durham.*

29 HARLEY STREET, CAVENDISH SQUARE, W.,  
July 10, 1869.

DEAR SIR,—It affords me much pleasure to bear my testimony to the great value of your labours in Pathology. Such an expression of opinion can only be needed by those who are unacquainted with your writings. Your researches on the Pathology of the Kidney are remarkable for the care with which they have been conducted, and I look upon them as amongst the most valuable and trustworthy of the many contributions with which Pathological science has of late years been enriched.—I am, dear Sir, yours very truly,

SAMUEL FENWICK.

Dr Grainger Stewart.

## XXVIII.

*From* GEORGE H. PHILIPSON, Esq., *Member of Royal College of Physicians, London; Physician to the Newcastle-upon-Tyne Infirmary; Lecturer on Pathological Anatomy to the Newcastle College of Medicine, in connection with the University of Durham.*

NEWCASTLE-UPON-TYNE,  
8th July 1869.

Having been informed that Dr Thomas Grainger Stewart is a Candidate for the Chair of Pathology in the University of Edinburgh, I have much pleasure in offering my testimony in favour of his qualifications for the office. Dr Stewart has,



for many years, specially devoted himself to the study of Pathology, and, by his laborious investigations, has enunciated several important and new views regarding the Pathological anatomy of the different organs and textures of the body.

In his published works also, more especially that entitled "Bright's Diseases," Dr Stewart has proved himself to be not only a careful and accurate observer, but able to state his propositions with clearness and conciseness, and to support them with well argued and convincing evidence.

G. H. PHILIPSON.

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## XXIX.

*From* THOMAS KING CHAMBERS, Esq., M.D. Oxon., F.R.C.P.,  
*Honorary Physician to H.R.H. the Prince of Wales;*  
*formerly Pathologist to St George's Hospital, London;*  
*Author of "Decennium Pathologicum," "The Indi-*  
*gestions," &c., &c.*

64 BROOK STREET, GROSVENOR SQUARE.

LONDON, W., 5th July 1869.

MY DEAR SIR,—I am sorry that I have been forced by circumstances to decline giving testimonials except to those whom I have either examined for diploma or had under my own eye as pupils. But surely your seven years' service is a testimonial whose force would only be weakened by written evidence. To say "I have done it," outweighs ten million opinions that you can do it.—I am, yours faithfully,

THOS. K. CHAMBERS.

EVIDENCE

AS TO

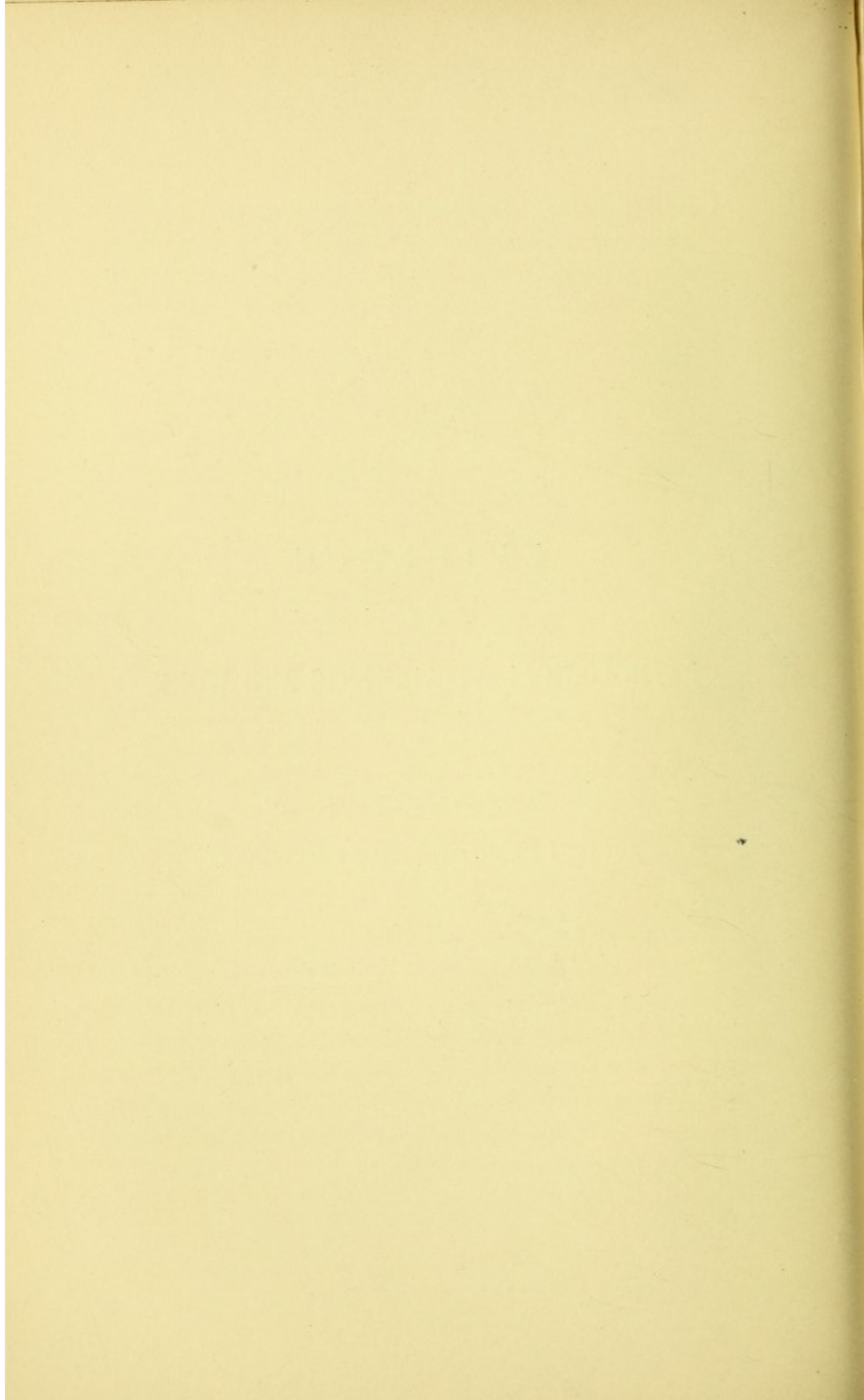
PATHOLOGICAL ATTAINMENTS AND WORK,

FROM

PROFESSORS, LECTURERS, AND

EMINENT PRACTITIONERS OF MEDICINE.





XXX.

*From* JAMES SYME, Esq., F.R.S.E., F.R.C.S.E., *Professor  
of Clinical Surgery in the University of Edinburgh.*

1 SHANDWICK PLACE, EDINBURGH,  
12th July 1869.

From the attention which Dr Grainger Stewart has long devoted to the study and teaching of Morbid Anatomy, together with his talents and acquirements as an accomplished Physician, I regard him as fully qualified for the Chair of General Pathology, in the event of its becoming vacant.

JAMES SYME.

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XXXI.

*From* Sir THOS. WATSON, Bart., *President of the Royal  
College of Physicians, Author of the "Practice of  
Physic."*

16 HENRIETTA STREET, CAVENDISH SQUARE,  
LONDON, July 11, 1869.

DEAR SIR,—Although I have not the pleasure of your personal acquaintance, I feel certain, from the perusal of your various writings on Pathology, that you must be well qualified to teach that subject to a class of students.—I am, dear Sir, very faithfully yours,

THOS. WATSON.

Dr Grainger Stewart.



## XXXII.

*From* ANDREW BUCHANAN, Esq., M.D., F.F.P.S.G., *Professor of Physiology in the University of Glasgow; Author of numerous Papers on Physiological and Pathological Subjects.*

4 ATHOLL PLACE,  
GLASGOW, 8th July 1869.

I have had the pleasure of knowing Dr Grainger Stewart for a good many years past. During that period I have read with much interest the instructive memoirs he has, from time to time, published on the subject of Pathological Anatomy.

These memoirs constitute an ample testimonial of their author's fitness to fill the Chair of Pathology now vacant in the University of Edinburgh.

The best initiation I know to the duties of such a Chair, is that of having performed zealously and faithfully the duties of Pathologist in a large Hospital, as Dr Stewart has now done for nearly seven years in the Edinburgh Infirmary.

These are recommendations that speak for themselves. I cannot, however, but add that I have formed a high opinion of Dr Stewart's general character and attainments, from knowing well the high estimation in which he was held by younger men, companions of his own, and well qualified to judge of his merits.

A. BUCHANAN.

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## XXXIII.

*From* ROBERT WM. SMITH, Esq., M.D., *Professor of Surgery in the University of Dublin, and of Clinical Surgery in the School of Physic ; Surgeon to the Richmond Hospital, &c., &c.*

63 ECCLES STREET, DUBLIN,  
12th July 1869.

It affords me the most sincere pleasure to have an opportunity of expressing the very high opinion I entertain of the professional character of Dr Grainger Stewart, more especially in the department of Pathology. I have (in common with my professional brethren in Dublin) long been familiar with the published results of his labours ; of the great value of which I may, perhaps, be permitted to speak strongly, from the circumstance of having devoted a long period of my life to the study of Pathological science. Dr Stewart's researches respecting the Diseases of the Liver, and more especially those bearing on the Pathology of the varied forms of Bright's Diseases of the Kidneys, would, had he done nothing else, be sufficient to entitle him to take rank among the most eminent and most scientific Pathologists of the day. I feel satisfied that his election to the Chair of Pathology in the justly celebrated University of Edinburgh, will eminently conduce to its interests, and to those of science and humanity.

ROBERT WM. SMITH.

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## XXXIV.

*From FRANCIS OGSTON, Esq., M.D., Professor of Medical Logic and Medical Jurisprudence in the University of Aberdeen; Author of numerous Papers on Pathology and Medicine.*

UNIVERSITY OF ABERDEEN,

5th July 1869.

DEAR SIR,—I am glad to learn that you are likely to become a Candidate for the vacant Chair of Pathology in my *Alma Mater*. That, if appointed, you will discharge the duties of the Chair with the highest efficiency and success, may, I think, be safely taken for granted,—not only from the way in which you have conducted your class at the Royal College of Surgeons, but in especial by the proofs afforded by your well-known and valued publications of your having availed yourself to the utmost of your unrivalled opportunities as Pathologist at the Royal Infirmary, for extending our acquaintanceship with this important practical department of the profession.—Yours very truly,

F. OGSTON.

Dr Grainger Stewart,  
&c., &c.

## XXXV.

*From JOHN CLELAND, Esq., M.D., Professor of Anatomy, and one of the Clinical Lecturers, Queen's College, Galway.*

QUEEN'S COLLEGE, GALWAY,

6th July 1869.

Understanding that Dr Grainger Stewart is a Candidate for the Chair of Pathology in the University of Edinburgh, I have much pleasure in testifying my persuasion of his fit-

ness for that position. For years Dr Stewart has devoted himself to Pathology, and especially Pathological Anatomy, as his favourite study. His numerous contributions to the subject attest the success as well as the assiduity with which he has availed himself of his great opportunities as Pathologist to the Royal Infirmary; and particularly, his work on Bright's Disease is a treatise which deals with most difficult questions, and is most valuable to the profession.

JOHN CLELAND.

### XXXVI.

*From* AUGUSTUS BREISKY, M.D., *Professor of Midwifery in the University of Berne; formerly Assistant in the Pathological Institute of Prague, &c., &c.*

BERNÆ (HELVETIA), 25 Junii 1869.

Celeberrimum dom. Thom. Grainger Stewart medicinæ doctorem, Societ. reg. Edinb. et Societ. Medicorum membrum, etc., Anatomiae Pathologicae et Pathologiae lectorem atque cultorem studiosissimum felicemque—nec non plurium de re Pathologica scriptorum auctorem insignem et valde eruditum mihi notum esse, lubenter testor. Quapropter persuasionem meam exprimere mihi liceat quod virum huncce doctissimum meritumque ad officium Professoris Pathologiae publici et ordinarii aptissimum esse censeo.

AUGUSTUS BREISKY.

(*Translation.*)

BERNE, SWITZERLAND, 25th June 1869.

I willingly attest my personal knowledge of Dr Thomas Grainger Stewart as a physician of the highest celebrity.



He is an indefatigable student of Pathological Anatomy and Pathology, and a most effective lecturer on these subjects.

Moreover, as the distinguished and very learned author of several Pathological treatises, he is recognised and appreciated both at home and abroad.

On these grounds, I may be allowed to express my conviction, that a man of such attainments and merits is pre-eminently qualified for the office of Professor of Pathology.

AUGUSTUS BREISKY.

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### XXXVII.

*From Dr W. C. WESTPHAL, Professor in the University,  
and Physician to the Charitè Hospital of Berlin.*

BERLIN, den 1ten Juli 1869.

Herrn T. Grainger Stewart aus Edinburgh, welcher mir persönlich und durch seine wissenschaftlichen Arbeiten bekannt ist, bezeuge ich hierdurch, dass seine ausgebreiteten Kenntnisse, der wissenschaftliche Geist welcher in seinen Arbeiten herrscht, so wie die exacte Untersuchungsmethode, durch welche sich dieselben auszeichnen, ihn meiner Ansicht nach, zu einer wissenschaftlichen Stellung an einem Lehrstuhle der Universität vorzüglich befähigen.

W. C. WESTPHAL.

*(Translation.)*

To Dr Grainger Stewart of Edinburgh, who is known to me personally as well as through his scientific labours, I hereby testify that his extensive knowledge, the scientific spirit which pervades his labours, and exact method of investi-

gation by which they are distinguished, qualify him eminently, in my opinion, for a scientific position in a Chair of the University.

W. C. WESTPHAL.

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### XXXVIII.

*From* DR GUSSEROW, *Professor of Midwifery in the University of Zurich.*

Sowohl durch persönliche Bekanntschaft als durch Lecture seiner Schriften kann ich mit vollster Ueberzeugung Herrn Dr Grainger Stewart als ausgezeichnet befähigt für einen Lehrstuhl der Pathologie erklären. Mit grossem Vergnügen erinnere ich mich unseres Verkehrs, in Berlin und Edinburgh aus welchem ich als der jüngere stets Anregung und Belehrung empfang. Ich zweifle nicht dass Herr Dr Grainger Stewart als Lehrer der Pathologie sich auf das würdigste den ausgezeichneten Lehrern der altberühmten Universität Edinburgh anreihen würde.

A. GUSSEROW.

#### *(Translation.)*

From personal acquaintance, as well as from reading his works, I can, with the fullest conviction, declare that Dr Grainger Stewart is eminently qualified for a Chair of Pathology.

I still remember with great pleasure our intercourse in Berlin and Edinburgh, from which I, as the younger, always received great stimulation and instruction.

I do not doubt that Dr Grainger Stewart, as Professor of



Pathology, would most worthily rank among the eminent teachers of the long renowned University of Edinburgh.

A. GUSSEROW.

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XXXIX.

*From* CHARLES J. B. WILLIAMS, Esq., M.D., F.R.S., *Consulting Physician to Brompton Hospital for Consumption; formerly Professor of Medicine and Physician to University College Hospital; Author of "The Principles of Medicine," &c., &c.*

49 UPPER BROOK STREET,

LONDON, July 13, 1869.

Dr Grainger Stewart is well known to me by his writings on several interesting subjects in Pathology, and the industry and ability which he has there displayed, as well as his long experience as Pathologist to the Royal Infirmary, give him, in my opinion, a good claim as Candidate for the Chair of Pathology in the University of Edinburgh.

C. J. B. WILLIAMS.

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XI.

*From* WALTER HAYLES WALSHE, Esq., M.D., F.R.C.P., *Emeritus Professor of Principles and Practice of Medicine, and of Clinical Medicine, University College; Author of numerous Works on Pathology and Medicine.*

37 QUEEN ANNE STREET, CAVENDISH SQUARE,

July 11, 1869.

I have great pleasure in stating that the name of Dr Grainger Stewart is well known to me as that of one of the

most ardent and enlightened cultivators of scientific Pathology of the present day.

Judging from the well ordered and lucid style of his writing, I should infer that he would successfully expound his views as a public teacher; and I cannot, for my part, doubt that his appointment to the Chair of Pathology would promote the interests of the University.

W. H. WALSHE.

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## XLI.

*From WILLIAM ROBERTS, Esq., M.D., B.A., F.R.C.P., Lecturer on Principles and Practices of Medicine, Manchester; Goulstonian Lecturer in the Royal College of Physicians, London; Author of "A Practical Treatise on Diseases of the Urinary Organs," &c., &c.*

89 MOSLEY STREET, MANCHESTER,  
July 1869.

I have much pleasure in adding my testimony, to that of many others, to the eminent merits of Dr Grainger Stewart as a Pathologist of the first rank. I feel sure that, if he is elected to the Chair of Pathology in the University of Edinburgh, he will add lustre to the reputation of the University.

The evidence he has already given, in his numerous published works, of his high qualifications for original investigations, is the best warrant of what he will do in the future in a larger field, and with ampler materials.

WM. ROBERTS.



## XLII.

*From* ANDREW HALLIDAY DOUGLAS, Esq., M.D., F.R.C.P.E.,  
*Physician to the Chalmers's Hospital; formerly Physician*  
*to the Royal Infirmary, Edinburgh; Author of numerous*  
*Papers on Clinical Medicine.*

26 INDIA STREET, 10th July 1869.

Dr Grainger Stewart has been my intimate acquaintance for several years, and I regard him as very highly qualified for the Professorship of General Pathology in the University of Edinburgh. He has distinguished himself as a teacher of that subject, and his writings have secured for him a reputation which few physicians of his standing enjoy. At the same time, he has acquired a well-deserved and important position as a practitioner.

Dr Stewart's success as a lecturer gives him a strong claim on the considerations of the Patrons, and the extent of his labours in the department of Morbid Anatomy gives a guarantee that in his hands the class of General Pathology would be conducted in a manner practically useful to the student, and suited to the wants of medical education.

I am satisfied that Dr Stewart's appointment would tend to uphold the honour of the University, and that he would maintain a valuable influence on students of medicine.

A. HALLIDAY DOUGLAS.

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## XLIII.

From J. MATTHEWS DUNCAN, Esq., M.D., F.R.S.E.,  
F.R.C.P.E., *Physician to the Royal Infirmary; Lecturer on  
Midwifery and Diseases of Women and Children, Edinburgh.*

30 CHARLOTTE SQUARE; July 13, 1869.

I have pleasure in certifying that I have long enjoyed the acquaintance of Dr Grainger Stewart, and that he has, by his diligence and ability, made for himself a successful career as a practitioner of medicine, a Pathologist, and a teacher in the Surgeons' Hall Medical School. Dr Grainger Stewart has thus evident good ground for his starting as a Candidate for the Chair of Pathology in the University of Edinburgh, now vacant by the resignation of Professor Henderson; and I believe that he is qualified to fulfil the duties of the Chair with ability and success.

I have often heard Dr Stewart describe Pathological specimens, and read papers on medical subjects, and I know that he is a distinct and easy speaker.

Dr Stewart has distinguished himself by his writings in Pathological science. A great part of his labours has been collated in his recent book on Diseases of the Kidneys, and the book has been extensively recognised as a valuable contribution to Renal Pathology.

Dr Stewart has had extensive experience in Pathological pursuits in the dead-house of the Royal Infirmary, and I have frequently had occasion there to profit by his learning and skill.

J. MATTHEWS DUNCAN.

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## XLIV.

*From* EDWARD CHARLTON, Esq., M.D., *Senior Physician to the Hospital, Newcastle-on-Tyne; Lecturer on Medicine in the Newcastle Medical College.*

7 ELDON SQUARE, NEWCASTLE-ON-TYNE,

July 7, 1869.

DEAR SIR,—I am glad to hear that you are a Candidate for the Chair of Pathology in the University of Edinburgh.

I can safely say that I do not know any British writer who has done so much for Pathology as yourself, and there is no one more fitted, I believe, for filling a Chair which has now become of such great importance in the University. I believe that the good name of the Medical School of Edinburgh will be greatly enhanced by your election, and I cordially wish you all success, both for your own sake and for that of the great medical school of the North, wherein I received my education.—Believe me, very truly yours,

EDWARD CHARLTON.

## XLV.

*From* JOHN CHAPMAN, Esq., M.D., *Editor of the "Westminster Review;" Author of "Diarrhæa and Cholera," &c., &c.*

July 7, 1869.

MY DEAR SIR,—I am glad to learn that you are a Candidate for the Professorship of Pathology at Edinburgh, for I am sure your prolonged Pathological studies deserve the public recognition which would be implied in your election; and I am equally sure that, should you be elected, you will discharge the duties of your office in a manner which, while eminently honourable to yourself, will reflect great credit on



the University of Edinburgh, and especially on those who may choose you as its Pathological Professor.

On reading your instructive and well written volume on "Bright's Diseases," I was strongly impressed by the evidence it presents of laborious inquiry into the nature and causes of those diseases; of sagacious interpretation of the facts observed; and of an intimate acquaintance with all that has been done, both here and abroad, by investigators who have preceded you in the same field.

No one reading that book can fail to see that the ability, knowledge, and method which you have displayed in treating of the Pathological Anatomy and functions of the Kidneys, would become equally conspicuous to the whole region of disease, if, happily, it should become your duty to explore and describe it on behalf of the Edinburgh University.—Hoping that it may be,—I am, my dear Sir, yours faithfully,

JOHN CHAPMAN.

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## XLVI.

*From E. HEADLAM GREENHOW, Esq., M.D., F.R.C.P., Lecturer on Medical Jurisprudence at Middlesex Hospital, London; Author of Treatises on "Diphtheria," "Addison's Disease," "Chronic Bronchitis," &c.*

77 UPPER BERKELEY STREET,  
July 7, 1869.

MY DEAR DR STEWART,—You are so well known as a Pathologist, that I cannot think any expression of opinion from me can strengthen your claims as a Candidate for the Chair of Pathology in the University of Edinburgh. Since, however, you have asked me for a testimonial, I have much



pleasure in expressing my conviction, founded on an intimate acquaintance with your work, that you are in a special degree qualified to occupy ably and usefully the position of Professor of Pathology.

As regards your past labours, I would especially direct attention to your researches into Amyloid Disease of the Kidneys, and to your recently published Monograph on Bright's Diseases, which is, in my opinion, the best and most comprehensive work on the subject in the English language.

Wishing you success in your candidature,—I remain, very truly yours,

E. HEADLAM GREENHOW.

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## XLVII.

*From* HERMANN WEBER, M.D., F.R.C.P., Lond., *Physician to the German Hospital, London ; Author of "Contributions to Cerebral Pathology," &c.*

10 GROSVENOR SQUARE, W.,  
LONDON, July 5, 1869.

It gives me great pleasure to have an opportunity of bearing testimony to the great merits of Dr T. Grainger Stewart, of Edinburgh, as a Pathologist.

I am well acquainted with some of the Pathological work done by Dr Grainger Stewart, and can only express my admiration for his researches, especially on Bright's Disease, and its relations to peculiar affections of the brain and other organs of the body, and not less so for his papers on Bronchiectasis and similar subjects.

Already, before I made the acquaintance of Dr Grainger



Stewart, I had heard of the great esteem in which he was held by Professor Virchow and other Pathologists, whose courses he attended while on the Continent; and all the foreign medical men who have since then visited him in Edinburgh, have spoken of him in terms of the highest appreciation. From all this, I venture to express, as my humble opinion, that the Chair of Pathology now vacant in the University of Edinburgh, could not be filled by a better man; and that the election of Dr Grainger Stewart to this important post would tend to keep up, and to increase, Edinburgh's old reputation as a great school of medicine.

HERMANN WEBER.

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### XLVIII.

*From DOUGLAS ARGYLL ROBERTSON, Esq., M.D., F.R.C.S.E.,  
Lecturer on Diseases of the Eye; formerly Lecturer on  
Practical Physiology in the University of Edinburgh.*

40 QUEEN STREET,  
July 12, 1869.

Having enjoyed the intimate friendship of Dr Grainger Stewart for many years, I can speak with the utmost confidence of the untiring zeal with which he has devoted himself to the study of Pathology, of his high intellectual power, and of his ability to master the most intricate problems of Pathological science, and convey his views in clear and concise language.

After graduating at the University of Edinburgh, Dr Stewart spent a year on the Continent, visiting the chief medical schools; and, in particular, applying himself to the study of Pathology. He availed himself to the utmost of the special



opportunities for the practical study of Morbid Anatomy, afforded by Professor Virchow at Berlin, and Rokitansky at Vienna. On his return to Edinburgh he was appointed Resident Physician to the Clinical wards of the Royal Infirmary, and there he manifested the deep interest he took in Pathological subjects, by the assiduity with which he investigated the morbid conditions to which the kidney is subject, which, as his fellow resident, I had frequent opportunity of witnessing. The researches he then made formed the groundwork for the treatise on "Bright's Diseases" he has recently published.

On the office of Pathologist to the Royal Infirmary becoming vacant in 1862, Dr Stewart applied for and obtained the appointment; and since that time has delivered lectures on General Pathology and Morbid Anatomy, illustrated by demonstrations, besides affording opportunities for practical instruction.

The best evidence, perhaps, of the successful manner in which he has conducted these classes, is to be found in the large attendance his instruction attracted; but I can, in addition, testify to the very high terms in which I have heard his students speak of the clearness of his lectures, and the great practical value of his demonstrations; and on several occasions, when I have myself heard Dr Stewart lecture, I have been impressed with the elegance of his diction, and the clearness with which his sentiments were expressed.

The Royal Infirmary supplies a large material for Pathological research, and Dr Stewart has thoroughly availed himself of the opportunities of original investigation thus afforded, having, during the seven years he has been connected with the Infirmary, made many most valuable contributions to the literature of the subject. In particular, I would



specify his papers on Bronchiectasis, and on the relation of the Waxy Degeneration to Hemorrhage, and his Treatise on Bright's Diseases. These were all marked by great originality and research, and the last-mentioned work has been most favourably reviewed in the medical press.

Judging by these qualifications, and knowing his thorough earnestness in his work, and the high principles which actuate him, I have no hesitation in expressing my opinion that, if appointed to the Chair of Pathology in the Edinburgh University, Dr Stewart will not only sustain, but advance the high reputation its Medical School already enjoys.

D. ARGYLL ROBERTSON.

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## XLIX.

From THOMAS ANNANDALE, Esq., F.R.S.E., F.R.C.S.E.,  
*Assistant Surgeon to the Royal Infirmary, Edinburgh,*  
*Author of "Diseases of Fingers and Toes," &c.*

34 CHARLOTTE SQUARE, July 12, 1869.

Dr Grainger Stewart has, in my opinion, strong claims to the Chair of General Pathology in the University of Edinburgh. He has for seven years acted as Pathologist to the Royal Infirmary,—and has also, during this time, yearly given, with great success, courses of Lectures and Demonstrations on General Pathology and Morbid Anatomy. In addition, Dr Stewart has made many valuable and original investigations in Pathology, which have secured him an acknowledged and high position as a Pathologist and Physician. Dr Stewart's original labours in connection with Diseases of the Kidney, and his Essays on the Liver, Lacteals, and Bronchial Tubes, have brought him a high reputation, as a careful, exact, and



original investigator of disease. Should Dr Stewart be elected to the Chair he now seeks, I feel sure he will discharge its duties successfully and conscientiously, and add credit and reputation to the University.

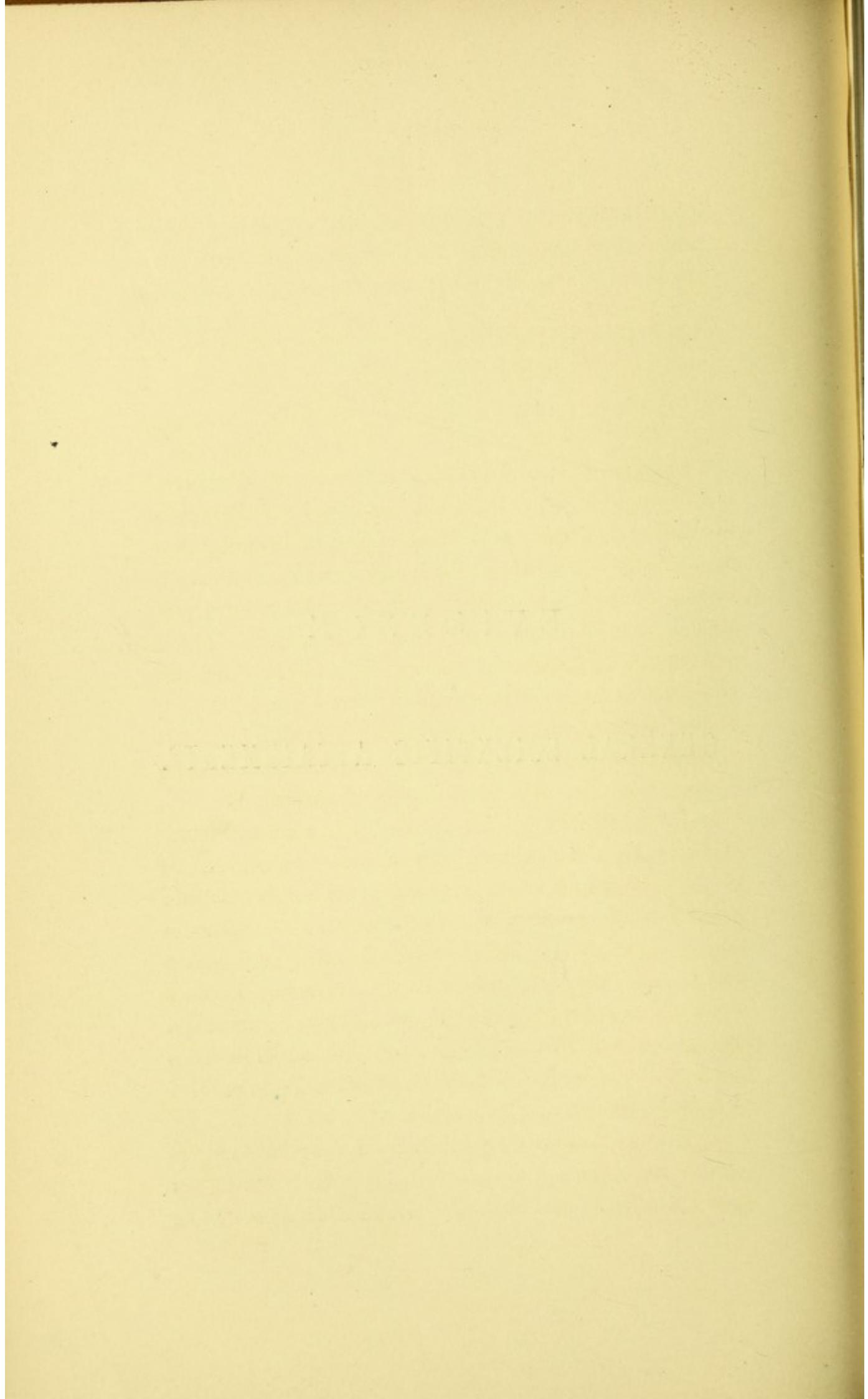
THOMAS ANNANDALE.

EVIDENCE

AS TO

GENERAL SCIENTIFIC ATTAINMENTS.





I.

From J. HUTCHISON STIRLING, LL.D. and F.R.C.S. Edin.,  
*Author of "The Secret of Hegel," &c., &c.*

PIERSHILL, EDINBURGH,  
July 1869.

I am happy to be asked to place on record my testimony, for as much as it may be worth, in favour of Dr Grainger Stewart, as Candidate for the Chair of General Pathology now vacant in the University of Edinburgh. I have had the advantage of ample opportunities of knowing Dr Stewart personally, both in his public and in his private capacity. I have had the advantage also of reading his book on "Bright's Diseases," as well as his numerous other contributions to medical science ; and, while presuming to proffer any testimony of mine on such grounds, I would respectfully refer to my own connection with the profession of medicine.

Direct testimony will, no doubt, be led in reference to Dr Stewart's excellent education both at home and abroad ; to me the indirect evidence in this respect obtained as well from intercourse with Dr Stewart, as from his literature, appears of cogency sufficient. Dr Stewart's very writing proves him a man of much literary accomplishment. In an even eminent degree, he is a German scholar ; and he uses that indispensable advantage to keep himself abreast of the teeming discoveries and improvements that, in every branch of human interest, at present constantly issue from Germany.

But Dr Stewart's merit is not confined to energy and industry and intelligence as regards the products of others, the most advanced in his own and kindred departments ; he



crowns that merit by observations and experiments and inductions original to himself. Dr Stewart is to his brethren an authority in Pathology, and especially in all that concerns the "Amyloid Degeneration." No better book can be found on the subject of "Bright's Diseases" generally (and there is no subject in Pathology more difficult and delicate, or more interesting and important),—no better book on this subject can be found, I say, than the lately published "Practical Treatise" of Dr Stewart. Alike in a literary and a medical point of view, this work is indeed excellent, and it carries forward the most advanced knowledge by original determinations of the author's own. A similar judgment may be justly passed on Dr Stewart's numerous other contributions to Pathological science, whether as regards lung, or liver, or kidney. So Dr Stewart makes it evident, indeed, that he has not neglected the rare advantages of his position as Pathologist to the Royal Infirmary of Edinburgh; but has, with unwearied perseverance and remarkable discernment, turned them to admirable account.

It is to be considered also that, besides this position, he has for many years, and with perfect acceptance, held that also of Lecturer on General Pathology in the lectureship immediately subordinate to the Chair for which he is now a Candidate so eminently eligible. Into this eligibility, I may say lastly, Dr Stewart's power of expression, his power of scientific and intellectual movement, nay, his very presence—seem to me to enter as elements by no means inconsiderable, seeing that it is the function of a teacher that is in question.

In short, when we regard Dr Stewart's capacity of advance in connection with his knowledge; and when we regard all his gifts and accomplishments, personal and other, in connection with the Lectureship he has held for so many years,



and his consequent claim to promotion, I own it difficult to conceive of his finding any rival in the canvass.

J. HUTCHISON STIRLING.

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LI.

*From JOHN CARMICHAEL, Esq., M.A. Edinburgh, one of the  
Classical Masters in the High School of Edinburgh.*

THE ROYAL HIGH SCHOOL, EDINBURGH,  
July 4, 1869.

I have intimately known Dr Thomas Grainger Stewart throughout the last twenty years, and deem myself honoured in attesting to his rare and various merits.

From October 1848 till July 1851, he was one of my pupils in the High School of Edinburgh, where he showed excellent ability in many departments of study; attained distinguished proficiency in Latin and Greek Scholarship, as well as in English composition; and acted, in all respects, under a strong sense of duty. His professional education began in the University of Edinburgh, and was continued in the best scientific schools of the Continent; while, within the last six years, his talents and energy have been fully employed, both in the practice of medicine and in the discharge of those more complex engagements which devolve upon a public teacher of Pathology, and upon an author of medical treatises.

It has been my privilege to hear him expound, to read his papers, and to observe his methods of instruction; and I am prepared to aver, that in clearness, precision, fluency, and elegance,—whether of *oral* or written exposition,—he is not surpassed by any lecturer I have known.



I may add that he possesses not less signal powers of stimulating and controlling the students who are under his tuition.

Others, who are specially versed in medical science, are better entitled than I am to certify the technical accomplishments of Dr Stewart; but my own estimate of his intellectual vigour, of his singular versatility, of his literary culture, of his moral probity, and of his *didactic* skill, warrants me in the belief that, if he be elected to our Metropolitan Chair of Pathology, he will maintain and extend the fame of the Edinburgh University as one of the greatest Schools of Medicine in the world.

JOHN CARMICHAEL.

### LII.

*From STEVENSON MACADAM, Esq., Ph.D., Lecturer on Chemistry, Surgeons' Hall; Author of various Scientific Treatises.*

SURGEONS' HALL, EDINBURGH,  
9th July 1869.

I have much pleasure in stating that my colleague, Dr Grainger Stewart, has proved himself to be a most acceptable and successful Lecturer on General Pathology in the School of Medicine here. Whilst conducting large classes, he has published a number of original papers which are highly esteemed by medical men, and which, taken in conjunction with his success as a lecturer, undoubtedly points him out as our rising Edinburgh Pathologist. I trust, therefore, that he may succeed in obtaining the appointment of Professor of General Pathology in the University of Edinburgh; believing, as I do, that his success as extra-academical



lecturer in the same branch of medical science, and his strict devotion for many years to Pathological work, form the best guarantee that he will not fail to discharge the same duties in the University with great acceptance and success.

STEVENSON MACADAM.

### LIII.

*From W. W. IRELAND, Esq., M.D., Author of "The History of the Siege of Delhi," "Studies of a Wandering Observer," &c.*

FISHERROW, 8th July 1869.

I have much pleasure in adding my testimony to the ability of Dr Grainger Stewart to fill the Chair of Pathology in the University of Edinburgh. Dr Stewart has studied, in a truly scientific spirit, Anatomy and Physiology, as well as the collateral subjects bearing on Pathology. Well tried in every question of Morbid Anatomy, from his seven years' experience as Pathologist to the Royal Infirmary, he never loses sight of the bearing of the study of diseased tissues upon diagnosis, and treatment. Dr Stewart is widely acquainted with foreign medical literature, especially with that of Germany and France, and has a delicate and generous appreciation of the value of the labours of other observers, as well as a ready power of generalisation and of grouping details together, and presenting them in a form easily understood and remembered.

Dr Stewart's contributions to Pathological Science are already of great value. In reading his book, it is impossible not to be struck by the thoroughness with which he has studied the Morbid Anatomy of the kidney, and the lucid skill



with which he has defined the grounds of the diagnosis of the different forms of Bright's Disease.

Dr Stewart's success as a teacher of Pathology in the Royal College of Surgeons does not arise so much from his powers of exposition, which are nevertheless of the highest order, nor from the great kindness and cordiality of his disposition, as from the fact that the natural powers and tastes of his mind are thoroughly engaged in the study of Pathology. He really likes his work, and likes to interest others in it. Leaving out of view all other motives to honourable exertion, the bent of Dr Stewart's mind ensures that he will, to the end of his career, remain an enthusiastic and successful worker and teacher in Pathological Science, as well as a good and wise physician.

W. W. IRELAND.

EVIDENCE

WITH REFERENCE TO POWER AS A

TEACHER OF PATHOLOGY,

FROM

FORMER PUPILS.





LIV.

*From* JOHN WILKINSON, Esq., M.D.

VIEWBANK VILLA, VIEWFORTH ROAD,  
EDINBURGH, 5th July 1869.

MY DEAR SIR,—Understanding that you are a Candidate for the vacant Chair of Pathology in the University of Edinburgh, I have great pleasure in stating my opinion in reference to your fitness for that important office.

At an early period of my professional career, I had an opportunity of attending the Prelections of the distinguished and accomplished Dr J. Thomson on that subject; and I may state, that even the talent and high ability of that celebrated physician failed, in the absence of microscopes and recent specimens, to make so important a subject sufficiently interesting and instructive. This left a hiatus, which, after a considerable period, led to my acquaintance with you, and attendance on your lectures and demonstrations.

Having attended your lectures for two seasons, and having had numerous opportunities for seeing and benefitting by your demonstrations, I am empowered and entitled to speak of both. I have no hesitation in asserting that the former were characterised by great lucidity, elegance, and freedom, which completely captivated your audience; and that the latter set very clearly before them nearly all the most important organic alterations to which the human frame is subject.

Taking into account also your advantages in being trained under the great Virchow, your experience as a teacher, and the laborious and successful manner in which you have, for a



series of years, devoted your attention to the subject of General Pathology, I consider your claims to the present vacancy as comprising qualifications which are not to be met in the person of any other individual in Britain.—I am, Sir, yours very truly,

JOHN WILKINSON.

To Thos. G. Stewart, Esq., M.D.

LV.

*From* CHARLES HENRY GROVES, Esq., M.D., Ch.M. Edin.,  
B.A. Trin. Coll. Dub.

TRINITY, *July* 6, 1869.

Having had the opportunity, some years subsequent to my graduation, of attending Dr Stewart's lectures on General Pathology, I have pleasure in expressing my high sense of his qualifications, both in respect of his attainments, and as a teacher of this branch of medical science.

His lectures, evidencing a wide acquaintance with the researches of observers both at home and in the great Continental schools, were rendered more useful by their very admirable arrangement; and the specimens of Morbid Anatomy used in illustration were most valuable and complete.

I feel convinced that, if Dr Stewart is called to the Chair in the University for which he is a Candidate, his talents and energy will secure a very efficient discharge of the duties entrusted to him.

CHARLES HENRY GROVES.

## LVI.

*From* GEORGE MAY LOWE, Esq., M.B., &c., *Author of various Scientific Papers.*

LINCOLN, July 1869.

It has been my good fortune to have heard the Winter Course of Lectures on General Pathology delivered by Dr Grainger Stewart.

I am happy, therefore, in being able to testify to the power he possesses of imparting to a subject which, in many of its details, is confessedly the most tedious of the medical curriculum, an interest comparable with no other. In proof whereof I may truthfully assert, that a large majority of his pupils have obtained honours on graduating in medicine.

It has also been my privilege to have acted as one of Dr Grainger Stewart's Assistants in the Pathological Theatre of the Royal Infirmary of Edinburgh; and I have there witnessed and *felt* the zeal and patience with which he elucidates facts and elaborates theories, many of which are now before the profession in various literary forms, acknowledged to be pre-eminent in their character, and daily advancing that department of our science, which practice shows to be the key to true medical knowledge.

If elected to the Chair of General Pathology, the University will gain in Dr Stewart a teacher unsurpassed by any other Medical School.

G. M. LOWE.

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## LVII.

*From* RICHARD CATON, Esq., M.B., *Assistant Physician,*  
*Liverpool Children's Infirmary ; formerly President of*  
*the Royal Medical Society of Edinburgh.*

LIVERPOOL, 5th July 1869.

As a former pupil of Dr Grainger Stewart's, I have great pleasure in bearing testimony to his high qualifications as a teacher.

All who have attended Dr Stewart's course of Lectures cannot fail to have observed his profound acquaintance with General Pathology and Morbid Anatomy, and will remember both the peculiar aptitude for teaching and the special care and attention with which, regardless of personal labour, Dr Stewart sought to impart to his class a complete practical and theoretical knowledge of the subject he taught.

For some years the students of the Edinburgh Schools of Medicine have depended exclusively on Dr Stewart for instruction in the very important department of Pathological Anatomy, in the practical teaching of which he has always been considered specially to excel.

As a writer, Dr Stewart is well known ; his recent work on Bright's Disease of the Kidneys is an important contribution to Pathological science, and has excited much attention.

Considering Dr Stewart's high standing as a scientific man, and his great efficiency as a teacher, there can be no question that he is admirably fitted to succeed to the Chair of Pathology in the University.

RICHARD CATON.

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## LVIII.

*From J. R. HARDIE, Esq., M.B., formerly President of the  
Royal Medical Society, Edinburgh.*

11 ALVA STREET,  
EDINBURGH, July 6, 1869.

I have much pleasure in bearing testimony to the very many acquirements which qualify Dr T. Grainger Stewart for the Chair of Pathology now vacant.

As a teacher, he combines the rare qualities of being thoroughly acquainted with his subject, and imparting his knowledge to others in a lucid and impressive manner ; and, while he places before the students the various theories propounded by authors at home and abroad, he never fails to convey his own ideas clearly and decidedly.

Dr Stewart, whilst giving due prominence to the theoretical, pays great attention to the practical division of the course, illustrating it by means of recent specimens, and thus makes the lectures invaluable to a student of medicine. I do not hesitate to say that, in this particular, Dr Stewart's Prelections are excelled by none in Britain.

The advantages to be gained by attending Dr Stewart's lectures, have been fully appreciated by students, as has been demonstrated by his increasing classes.

Dr Stewart has made many valuable and original contributions to Pathology. His early researches in connection with Waxy Disease of the Kidneys were marked by much originality and powers of investigation. Since then, his further contributions on the same subject, his paper on Bronchiectasis, the best existing monograph in the English language on that sub-



ject, and his work on Bright's Diseases of the Kidney, have stamped him as the leading writer on Pathology in Scotland.

I am sure, if Dr Stewart be appointed to the Chair for which he is a Candidate, he will be found ever faithful in the discharge of the duties which may devolve upon him, and zealous to advance the science and the art for which he has already done so much.

J. R. HARDIE.

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### LIX.

*From* DAVID FERRIER, Esq., M.A. (Aberdeen), M.B. (Edin.)

BURY ST EDMUNDS, *July 5, 1869.*

MY DEAR DR STEWART,—It is with very great pleasure indeed, that I embrace this opportunity of acknowledging how much I feel indebted to you, and how much I benefited by your admirable lectures and instructions in Pathological Anatomy. In common with many others, I felt that our University curriculum was very deficient in not affording instruction in the so important and so much cultivated subject of Morbid Anatomy. I found, however, that your lectures and demonstrations admirably supplied that want. I profited much by them, and valued them very highly. I know also, from my experience as a medical tutor in Edinburgh, that many students lamented their ignorance of Pathological Anatomy, and regretted that it was not taught in the University curriculum.

I am sure that your appointment to the Chair of Pathology, holding, as you do, the office of Pathologist to the Royal Infirmary, would be hailed as a real advance in the medical curriculum of our University. Your zeal and en-

thusiasm in the study of Pathology, and your well-earned reputation as a Pathologist, united to your great skill and success as a teacher, would be a real addition to the Professorial staff, and sustain and raise the reputation of the Edinburgh Medical School.—Believe me, yours very faithfully.

DAVID FERRIER.

Dr T. Grainger Stewart, F.R.C.P.E.,  
Edinburgh.

LX.

*From* LAWSON TAIT, Esq., *Member of the Surgical Society of Ireland, &c. ; Assistant Surgeon to the Clayton Hospital, Wakefield.*

WAKEFIELD, July 6.

Those who know Dr Grainger Stewart, know that he has devoted himself to the science of Pathology. I have been a pupil of his, and I know from that experience, and from the quantity and quality of the work he has accomplished, that, should he be elected to fill the vacant Chair, he will supply the University with the desideratum of a practical teacher of Morbid Anatomy.

LAWSON TAIT.

LXI.

*From* JAMES FERGUSON, M.A., L.R.C.P. and S. Edinburgh,  
Leslie.

8th July 1869.

As one who has had the good fortune to be a pupil of Dr Grainger Stewart, I have real pleasure in giving my testimony to his undoubted excellence as a teacher of Pathology. To



myself, as a student, Dr Stewart's lectures gave the impression that he was possessed of a thorough knowledge of his subject ; that he was not only conversant with the opinions of others, but able to submit them to the test of his own observation and research, and to form perfectly independent and original opinions of his own. He seemed to me to be possessed by an entire and enthusiastic devotion to his work, and to spare no labour, whether by clear, vigorous, and repeated statements, or by weekly examinations, to make the subject plain to the most obtuse of us.

The most prominent and useful feature in Dr Stewart's teaching was, however, the practical demonstration of his lectures by Pathological specimens, both in their general aspects and microscopic structure. These were invariably prepared and exhibited with the greatest labour and care. By these means, and by communicating part of his own enthusiasm to his pupils, Dr Stewart succeeded so perfectly, that Pathology, which is not by any means the easiest or most pleasant part of the curriculum, became in his hands interesting and instructive. I recollect that Dr Stewart's class was composed not only of pupils of the medical school, but contained always a number of the very best students from the University, and that it was accounted one of the most honourable feats of the session to carry off the highest honours of his class.

I leave it to others to speak of Dr Stewart's writings and services in the advancement of Pathology. I know, however, that they are important, and have been very favourably reviewed ; and I doubt not that, should Dr Stewart be appointed to the Professorship to which he aspires, the same originality and thoroughness which have hitherto characterised him, will amply sustain the dignity and lustre of the University.—  
I am, &c.,

J. FERGUSON.



## LXII.

*From FORMER PUPILS.*

EDINBURGH, *July* 1869.

DEAR SIR,—Hearing that the Chair of General Pathology in the University of Edinburgh is at present vacant, and understanding that it is your intention to offer yourself as a Candidate for the same, we, the undersigned, who have at some time or other enjoyed the benefit of your tuition, hasten to express to you our sincere hopes for your success, and our conviction of the advantage which would accrue to our *Alma Mater* from your appointment.

Educated within the walls of our college, a distinguished graduate of the University, and now for many years intimately connected with its Medical Hospital, your name must be so familiar to the Curators, that it might almost seem superfluous on our part to enumerate those qualifications which, we think, eminently entitle you to the Chair for which you are applying.

The experience you derived from a patient and careful study of Morbid Anatomy under the eye of the greatest living Pathologist—Virchow; your long and unwearied services as Pathologist to the Royal Infirmary; and the many varied and lucid papers and articles from your pen, which have appeared from time to time in the medical journals, have made your name, as a Morbid Anatomist, familiar to the profession in Great Britain. The publication lately of an excellent and exhaustive treatise on the Pathology of Bright's Disease of the Kidneys, a work which has been most favourably received by the medical press, both at home and abroad, has not only greatly enhanced your reputation in this country,



but has also made you known to Continental Pathologists, as one of our best British authors on that subject.

Those who have listened to your lectures well remember their admirable lucidity, their logical arrangement, and the terse and well-chosen language which conveyed your sentiments. But it was mainly in the practical demonstration of the Pathological specimens, and in the careful way in which the histology of the morbid tissues was illustrated and pointed out, that you excelled; and we, as your pupils, have good reason to thank you for the thoroughly practical nature of your instruction. We are also firmly persuaded that you are fully alive to the absolute necessity there exists for making the teaching of the Chair you are a Candidate for, less theoretical than it has hitherto been.

From these and other considerations, we do not scruple to urge your claim on the Curators, convinced as we are, that if you are elected, the interests of our University will be safe in your hands.

With many earnest wishes for your success, we beg to subscribe ourselves,—Your sincere friends and pupils,

LAUCLAN AITKEN, M.D., Edinburgh.

CHAS. L. UNDERHILL, B.A. (Cantab.), Edin.

D. M'GREGOR, M.A., Edinburgh.

JOHN WYLLIE, M.D., Edinburgh.

J. R. HARDIE, M.B., Edinburgh.

JOHN WILKINSON, M.D., Edinburgh.

JOHN BISHOP, Edinburgh.

JAMES WILLIAMSON EDMOND, Edinburgh.

JOHN A. ROBERTSON, Edinburgh.

JOHN DIXON, Edinburgh.

DUNCAN STEWART, Edinburgh.

DAVID J. HAMILTON, Edinburgh.

JOSEPH PATTINSON, Edinburgh.

ANDREW LYALL, L.R.C.S. & P. (Edin.), Leven.

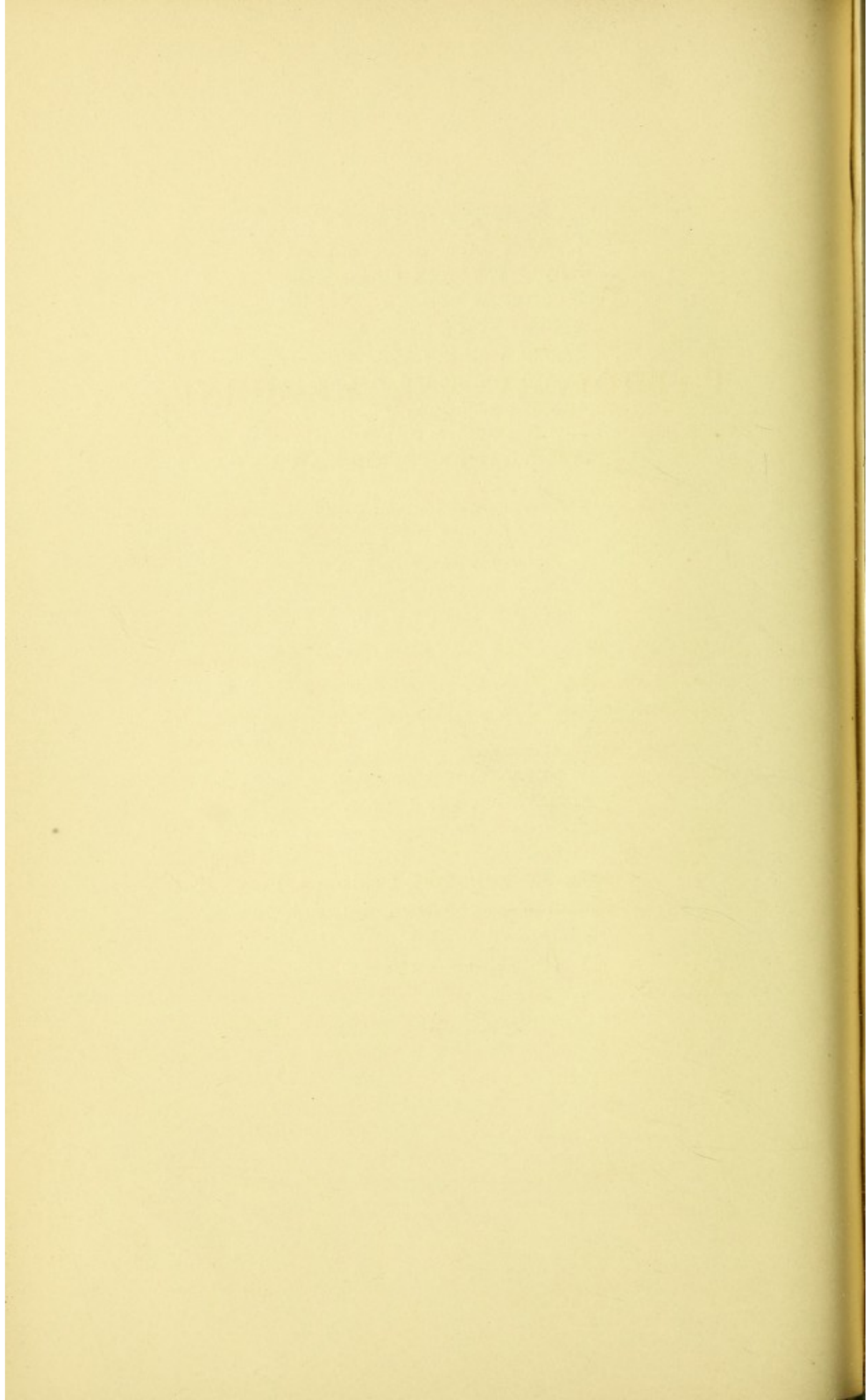
- JOHN M'GIBBON, L.R.C.S., Edinburgh.
- JOHN M'CRAE, L.R.C.S. & P. (Edin.), Middlesbro'-  
on-Tees.
- GEORGE R. BARNES, M.D., Ewell, Surrey.
- ALEXR. CRICHTON, L.R.C.S. & P. (Edin.), Mortlake,  
Surrey.
- DOUGLAS D. C. MENZIES, L.R.C.S. & P. (Edin.),  
Earlston.
- P. A. SULLIVAN, L.R.C.S. & P., Carlisle.
- W. LEAVENS WHITE, M.B., Dundee.
- JOHN MEIKLE, L.R.C.P. & S., Melrose.
- ROBERT KIRK, M.D., Partick.
- W. ALLAN JAMIESON, M.B., Berwick on-Tweed.
- JOHN THOMSON, L.R.C.P. & S., Kingswineford,  
Staffordshire.
- JOHN BURTON, L.R.C.P. & S., Walsall.
- THOS. S. THOMSON, L.R.C.P. & S., Leith.
- A. HAMILTON, L.R.C.P. & S., Chester.
- F. PAGE, M.D, M.R.C.S., Darlington.
- HENRY STOLTERFOTH, M.A. (Cantab.), M.D.  
(Edin.), Chester.
- G. H. HUME, M.D., Newcastle-on-Tyne.
- J. KEITH ANDERSON, M.D., Arbroath.
- W. FRENCH MORRISON, M.A., L.R.C.P., &c.,  
Cupar-Fife.
- CHARLES H. GROVES, B.A., M.D., Trinity.
- EDWARD MALINS, M.B., Cradley Heath, Stafford-  
shire.
- RICHARD CATON, M.B., Liverpool.
- ALEXR. HAMILTON, L.R.C.P. & S., Ashton-under-  
Lyne.
- W. SINCLAIR, M.D., Barrow-on-Furness.
- ARCHD. HEWAN, M.D., London.
- RICHARD GREENE, Bradford.
- G. B. CORNISH, M.D., F.R.C.S.E., Taunton.
- M. W. RICE, M.B., C.M., M.R.C.S., London.
- THOMAS CURRIE, L.R.C.S. & P., Amble.
- K. DAVISON, L.R.C.P. & S., Blackburn.



- W. HODGSON CARRUTHERS, M.B., Manchester.  
 T. HAMILTON, M.B., F.R.C.S.E., Canonbury, London.  
 G. M. LOWE, M.B., Lincoln.  
 AUBREY WICKS, L.R.C.P. & S., Bicester, Oxon.  
 G. M. SINCLAIR, L.R.C.S. & P., Ely, Cambridgeshire.  
 J. G. BRAYTON HINDLEY, L.R.C.S. & P., Lancashire.  
 EDGAR GAILEY, L.R.C.S., Leek.  
 WILLIAM BROWN, L.R.C.S. & P., Leek.  
 T. TODHUNTER, L.R.C.P. & S., Whitehaven.  
 WM. CHARTERIS, L.R.C.P. & S., Halifax.  
 J. AFFLECK, L.R.C.P. & S., Annan.  
 ALLAN M'LEAN, M.B., Portland.  
 DAVID FERRIER, M.A., M.B., Bury St Edmunds.  
 ARCHIBALD GRIEVE, Langholm.  
 R. S. TURNER, M.A., M.B., Keith.  
 JOHN WILSON, L.R.C.P. & S., Shaw, Ayrshire.  
 THORBURN PATERSON, L.R.C.S. & P., Liverpool.  
 J. THOMPSON, L.R.C.S. & P., Leslie.  
 J. WATERSTON, M.A., Edinburgh.  
 J. HUTCHISON, Edinburgh.  
 J. DOUGLAS, Edinburgh.  
 HENRY HARVEY, Edinburgh.  
 J. A. S. FALCONER, Edinburgh.  
 W. BROWN, M.D., Edinburgh.  
 HENRY MILLER, Edinburgh.  
 JOHN H. HOIART, Edinburgh.  
 R. MACNAIR, M.D., Leith.  
 H. R. SMITH, L.R.C.S. & P., Dover House, Hants.  
 R. R. BUSH, M.D., Sweitham, Surrey.  
 ALEX. GOLDIE, L.R.C.P., Portobello.  
 J. J. KIRK DUNCANSON, Bathgate.  
 W. THOMSON CRABBE, L.R.C.S. & P., &c., Aberdeen.  
 DAVID MACEWAN, M.B., Dundee.  
 A. J. M'GREGOR, L.R.C.P. & S., Glasgow.  
 J. W. M'DOWALL, M.D., Colinsburgh, Fife.  
 J. NICHOL COX, L.R.C.S.E., Gatehouse of Fleet.

- ANDREW BROWN, L.R.C.S. & P., London.  
 LAWSON TAIT, L.R.C.S., Wakefield.  
 GEO. F. FULCHER, Barbage, Wilts.  
 D. SHIRRES, Edinburgh.  
 ROBERT SYME, Edinburgh.  
 JAMES A. LAING, M.B., Kidderminster.  
 JAMES YOUNG, M.B., C.M., Glasgow.  
 JAMES CRAN, M.A., M.B., Salford.  
 J. H. DAVSON, M.D., L.R.C.S.E., London.  
 J. DENNISTOUN CUNNINGHAM, L.R.C.S. & P.,  
 Tranent.  
 J. G. HUNTER, L.R.C.P., & S., Durham.  
 JOHN LORD, L.R.C.P. & S., Brierly.  
 ARCHIBALD CAMPBELL, L.R.C.P. & S., Barra.  
 GEORGE GUTHRIE, Upholland, Wigan.  
 J. BARTON GASS, L.R.C.P. & S.E., Oldham.  
 J. COUPER JOHNSTON, M.B., Melsham.  
 S. C. SADLER, Edinburgh.  
 J. GILLIES, M.B., Glenelg, Lochalsh.  
 JOHN HADDON, M.A., M.D., Edin., Eccles,  
 Manchester.  
 W. BURNS THOMSON, F.R.C.S.E., Edinburgh.  
 ALEXANDER BENNETT, Edinburgh.  
 FRANCIS E. IMAGE, M.A. (Cantab.), Bury St  
 Edmunds.  
 THOMAS SHERRIFF, L.R.C.P. & S., Ratho.  
 JOHN WILSON PATON, M.B., Burton-on-Trent.  
 J. WILLIAM NORMAN, M.B., Harrogate.  
 D. L. MACKENZIE, Stornoway.





CONTRIBUTIONS  
TO  
PATHOLOGY AND MEDICINE,  
BY DR GRAINGER STEWART.

Separate Papers and Publications are marked with an asterisk (\*).

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1861.

- \*I. On the Waxy or Amyloid Degeneration of the Kidney.—  
*Edinburgh Medical Journal, February.*

Referred to in the British and Continental Year-Books, and quoted by  
Professor Bennett, Professor Aitken, Dr Tanner, Dr Rosenstein,  
Dr Roberts, Dr Dickinson, Dr Murchison, &c.

1862.

- II. A Case of Perforating Ulcer of the Stomach, no Symptoms  
preceding the perforation, Death from Peritonitis in  
twenty-four hours.—*Transactions of Medico-Chirurgical  
Society.*

- III. A Case of Calculus in the Bladder, in which Death re-  
sulted from Renal Inflammation. The Bladder con-  
tained two large Calculi.—*Transactions of Medico-  
Chirurgical Society.*

1863.

- \*IV. On Dilatation of the Lacteals.—*Edinburgh Medical Jour-  
nal, November.*



1864.

\*V. Further Observations on the Waxy or Amyloid Degeneration of the Kidney.—*Edinburgh Medical Journal*, August.

\*VI. On a Peculiar Syphilitic Affection of the Liver.—*British and Foreign Medico-Chirurgical Review*, October.

Referred to in the Year-Books, and in Virchow's "Krankhafte Geschwülste" and in Professor Klebs's "Handbuch der Pathologischen Anatomie."

VII. Case of Waxy or Amyloid Disease of the Kidneys, from a patient under observation for some years.—*Transactions of Medico-Chirurgical Society*.

VIII. Case in which three Aneurisms existed in the Aorta.—*Transactions Medico-Chirurgical Society*.

IX. Case of Endo and Pericarditis, with Aneurism of the Aortic Valves, coated with fibrinous vegetations, the Aneurism perforated; no symptoms exhibited until within three weeks of death.—*Transactions Medico-Chirurgical Society*.

X. Case of Abscess of the Liver, fatal by Perforation into the right Pleura and substance of the Lung.—*Transactions Medico-Chirurgical Society*.

XI. Case of Abscess of the Liver, fatal by perforation into the retro-peritoneal cellular tissue.—*Transactions Medico-Chirurgical Society*.

1865.

\*XII. On Acute Atrophy of the Liver.—*Edinburgh Medical Journal*, October.

Referred to in "British and Foreign Medico-Chirurgical Review, and the British and Foreign Year-Books."

- \*XIII. On the Morbid Anatomy of the Different Forms of Bright's Disease.—*British and Foreign Medico-Chirurgical Review*, October.

Referred to in the British and Foreign Year-Books.

- XIV. Case of Miner's Lung. Deposit in visceral and parietal Pleuræ.—*Transactions Medico-Chirurgical Society*.

- XV. Case of Cancer of the upper part of Œsophagus, involving both recurrent Laryngeal Nerves, with partial perforation from the Œsophagus into the Trachea.—*Transactions Medico-Chirurgical Society*.

- XVI. Case of Waxy Degeneration of the Liver, exhibiting some points illustrative of its mode of origin.—*Transactions Medico-Chirurgical Society*.

1866.

- \*XVII. On Acute Atrophy of the Kidneys and Liver occurring during Pregnancy.—*Edinburgh Medical Journal*, January.

Referred to in the British and Continental Year-Books, &c.

- \*XVIII. On a Peculiar Form of Atrophy or Gangrene due to Disease of Nerves.—*Medical Press and Circular*, January.

Quoted in "Gazette des Hopitaux."

- \*XIX. On the Diagnosis of the Different Forms of Bright's Disease.—*British and Foreign Medico-Chirurgical Review*, July.

Referred to in the Continental Year-Books.

- XX. A series of Preparations, illustrating the changes during the transformation of the Gummy Tumour of the Liver into the syphilitic cicatrix, with fibrous mass as its base.—*Transactions Medico-Chirurgical Society*.



XXI. Case of Hydatid Cyst of Liver, in process of Atrophy,  
—*Transactions Medico-Chirurgical Society.*

XXII. Case of Naevus or Vascular Tumour of the Liver.—  
*Transactions Medico-Chirurgical Society.*

XXIII. Case of Syphilitic Affection of the Liver, shewing the  
waxy masses described in No. VI.—*Transactions  
Medico-Chirurgical Society.*

XXIV. Case of Singular Stricture of the Duodenum from  
cicatrization of ulcers.—*Transactions Medico-Chir-  
urgical Society.*

XXV. Case of a peculiar form of Cancer of the Stomach and  
Intestine.—*Transactions Medico-Chirurgical Society.*

1867.

\*XXVI. On the Complications of the Different Forms of  
Bright's Diseases of the Kidneys.—*British and  
Foreign Medico-Chirurgical Review, January.*

Quoted in the German and French Year-Books, &c.

\*XXVII. On Dilatation of the Bronchi or Bronchiectasis.—  
*Edinburgh Medical Journal, July.*

Extensively quoted in "British Medico-Chirurgical Review," French  
and German Year-Books, also in Aitken's "Practice of Medicine,"  
Tanner's "Practice of Physic," &c.

\*XXVIII. Medical Work and Medical Education. A Lecture  
delivered at the Opening of Surgeons' Hall, in  
November.—*Edinburgh Medical Journal, December.*

XXIX. Case of Fatty Tumor, of the size of a goose's egg, which  
had grown from the wall of the Small Intestine into  
its cavity and caused obstruction, from which relief  
was obtained when the mass separated and was dis-  
charged.—*Transactions Medico-Chirurgical Society.*

XXX. Case of Rupture of Arteries at many points simultaneously, with fatal hemorrhage into the Pericardium from rupture of Aorta.—*Transactions Medico-Chirurgical Society.*

Quoted by Prof. Friedreich of Heidelberg in Virchow and Hirsch's Jahresbericht, &c.

XXXI. Two peculiar cases of simple Ulcer of the Stomach.—*Transactions Medico-Chirurgical Society.*

XXXII. A case of arrested Cancer of the Liver.—*Transactions Medico-Chirurgical Society.*

XXXIII. Case of death from Embolism of the Pulmonary Artery, resulting from Inflammation of the Pelvic veins.—*Transactions Medico-Chirurgical Society.*

1868.

\*XXXIV. On a Case of Gastritis Phlegmonosa.—*Edinburgh Medical Journal,*

Quoted in the Centralblatt für Medizinische Wissenschaft, and other foreign periodicals.

\*XXXV. On the Relationship of the Waxy Degeneration to Hemorrhage.—*British and Foreign Medico-Chirurgical Review, January.*

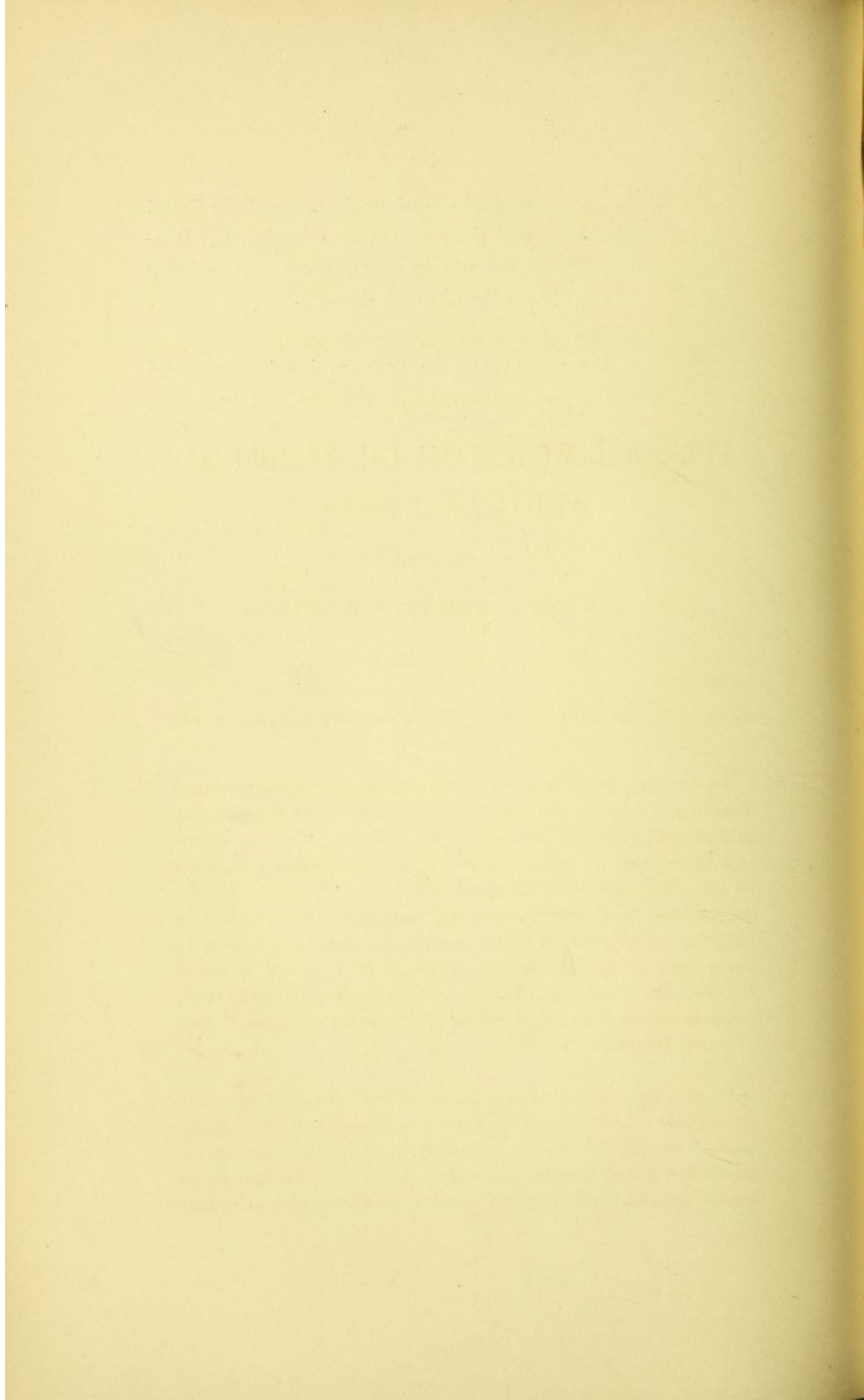
\*XXXVI. On a Peculiar Malformation of the Fallopian Tubes and Uterus.—*Journal of Anatomy and Physiology.*

XXXVII.—Description of a Tumor growing from the inner surface of the left Auricle of the Heart. (Clinical History by Dr Halliday Douglas.)—*Edinburgh Medical Journal, March.*

XXXVIII. Case of Tubercular Ulcer of Stomach.—*Transactions Medico-Chirurgical Society.*

XXXIX. Case of Aneurism of the Aorta pressing upon the Pulmonary Artery and the Right Ventricle.—*Transactions Medico-Chirurgical Society.*





# EXTRACTS .

FROM

## PUBLISHED WORKS AND THE PERIODICAL MEDICAL PRESS

HAVING REFERENCE TO

DR GRAINGER STEWART'S WRITINGS.

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### NOTICES OF "A PRACTICAL TREATISE ON BRIGHT'S DISEASES OF THE KIDNEYS."

Dr Grainger Stewart is well known as an able and experienced Pathologist, who has devoted particular attention to the anatomy and clinical history of diseases of the kidneys. To him we are mainly indebted for what we know of the distinguishing character of the urine secreted by the amyloid or waxy kidney. The present treatise is a clear, concise, and demonstrative exposition of his views, which ought to be perused and carefully studied by every practitioner of medicine. Altogether, the work is one of the most important contributions to medical science that has lately issued from the Edinburgh School of Medicine.—*British Medical Journal*, December 12, 1868.

Dr Grainger Stewart has collected, into a handsome and well-illustrated volume, his observations on diseases of the kidney, most of which have already been brought under the notice of the profession in the medical journals. . . . We have by no means exhausted the points of interest in this work. Although



bar von einer Degeneration der grauen Centralsubstanz des Rückenmarks, aus der nach ihm die vorderen Wurzelfasern entspringen. Den anatomischen Beweis dieser Ansicht führte er besonders durch den Obductionsbefund eines Seiltänzers Lecomte „dont le nom restera attaché à l'histoire de cette maladie.“ Die atrophischen Muskeln waren theils blass, theils in Fett verwandelt; Gehirn und Rückenmark normal, ebenso die hinteren Wurzeln der Spinalnerven. Dagegen waren die vorderen Wurzeln, von dem Punkte, wo sie vom Rückenmark austreten bis zu dem, wo sie sich mit den hinteren Wurzeln zur gemeinschaftlichen Nervenbahn vereinigen, von Atrophie befallen. Die von diesen Nervenbahnen abgehenden Muskelzweige hatten im Verhältniss zu den Hautzweigen an Volumen verloren, und in diesen Muskelzweigen war das Neurilem in zu starkem Verhältniss gegen die Nervensubstanz. In jenen Nervenfäden u. A., welche sich im Daumenballen verbreiten, war kaum etwas anderes als Neurilem vorhanden.\*) In einem zweiten Falle war die Atrophie der vorderen im Vergleich zu den hinteren Wurzeln ebenfalls sehr stark ausgesprochen; sie verhielten sich der Dicke nach im Cervicaltheil wie 1 : 10 (normal 1 : 3), im Dorsal- und Lumbaltheil wie 1 : 5 (normal 1 : 1½, resp. zu 2). Die hinteren Wurzeln, sowie Rückenmark und Gehirn waren völlig normal.\*\*)

Seit den bahnbrechenden Arbeiten von Aran und Cruveilhier haben sich im Allgemeinen die Autoren, die der progressiven Muskelatrophie ihre Aufmerksamkeit zuwandten, in zwei grosse Lager geschieden. Die Einen betrachteten das Leiden mit Aran als primäres Muskelleiden, als ein myopathisches, wobei sie freilich in den Detailergebnissen von Aran mehr oder weniger stark abweichen. Andere betonten mit Cruveilhier den neurotischen Charakter der Atrophie, ihre Abhängigkeit und Beziehung zu bestimmten Theilen des Nervensystems; von hier ab aber traten freilich die grellsten Meinungsunterschiede hervor, indem bald die peripherischen Nerven, bald (mit Cruveilhier) die vorderen Wurzeln, bald das Rückenmark selbst, bald endlich der Sympathicus und seine Ganglien als primärer Erkrankungsheerd angenommen wurden. Wir können begreiflicherweise den Einzelheiten der namentlich in den ersten Jahren lebhaft geführten Discussion über diesen Gegenstand nicht folgen, sondern begnügen uns damit, die wichtigsten Züge derselben herauszuheben und besonders

\*) Cruveilhier, Bulletin de l'académie impériale de médecine, T. XVIII, No. 12, 31. März.

\*\*) Cruveilhier, Arch. gén. de méd., Jan. 1856.



die Resultate der bisher vorliegenden anatomischen Untersuchungen in vergleichender Weise zusammenzustellen.

Unter denjenigen, welche sich für die myopathische Natur der Krankheit aussprachen, sind besonders Meryon, Oppenheimer, Hasse, Duchenne, Wachsmuth und Friedberg zu nennen. Meryon\*) betrachtete die Fettentartung der Primitivfasern, die er von der interstitiellen Fettablagerung bereits deutlich unterschied, als Folge einer allgemeinen, eigenthümlichen Assimilationsstörung, über deren Wesen er sich freilich nicht bestimmt aussprach, glaubte aber einen Einfluss des Nervensystems dabei ganz ausschliessen zu können, weil die ernährende Kraft (the formative power) dem Gewebe selbst inne wohne! — Aehnlich auch Oppenheimer\*\*) auf Grund der von Hasse und ihm vorgenommenen Section bei einem 15jährigen Knaben. Dieselbe ergab völlig normales Verhalten des Central-Nervensystems. Weder Körnchenzellen noch irgend ein Missverhältniss im relativen Volumen, und die Nervenröhren microscopisch von ganz normalem Aussehen. — Demgemäss bezeichnet auch Hasse\*\*\*) die Krankheit in seinem Handbuche als Muskelaffectio. Ebenso Duchenne†), der, wie oben erwähnt, schon vor Aran auf die Fettentartung der Muskeln aufmerksam gemacht hatte und daher die Benennung „atrophie musculaire graisseuse progressive“ vorschlug. Er hat auch bis in die neueste Zeit hinein diesen Standpunkt festgehalten und beruft sich in der zweiten Auflage seiner *Electrisation localisée*, den Beobachtungen Cruveilhier's gegenüber, auf drei in den Pariser Hospitälern gemachte Sectionen (eine von Axenfeld, zwei von Aran), in welchen die Untersuchung der vorderen Wurzeln ein vollkommen negatives Resultat lieferte.††)

Als eine primäre und specifische Ernährungsstörung des Muskels

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\*) Meryon, On granular and fatty degeneration of the voluntary muscles. Medical-chirurgical transactions, 2 series, 7 vol., London 1852, p. 81.

\*\*) Oppenheimer, Ueber progressive fettige Muskelentartung (Habilitationsschrift), Heidelberg 1855.

\*\*\*) Hasse, Krankheiten des Nervensystems (Virchow's Handbuch der spec. Path. und Th. Bd. 4), Erlangen 1855, p. 332.

†) Duchenne, Etude comparée des lésions anatomiques dans l'atrophie musculaire graisseuse progressive et dans la paralysie générale (Union médicale 1852). Ferner: Bull. de therap. 1853, p. 295, 407 und 438; *Electrisation localisée*. (1 éd.) p. 552.

††) Duchenne, *Electrisation localisée*, 2 éd. (Paris 1861) p. 520 ff.



differing on some points from the author, we can recommend his work as an excellent treatise, deserving the attentive study of every physician who desires to be acquainted with the latest views on this interesting and important class of diseases. The illustrations are very good ; and the work is altogether highly creditable to its author.—*Dublin Quarterly Journal of Medical Science, February 1869.*

Dr Stewart's valuable observations on waxy degeneration of the kidneys, which have been already laid before the profession, constitute him an authority on the subject, so that the chapters devoted to the consideration of this disease will be read with much interest.—*Lancet, Feby. 6, 1869.*

By his contributions to the subject of renal disease, Dr Grainger Stewart is already favourably known. Commencing some years ago with the study of the waxy affection of the kidney, which is less generally understood, he has since extended his investigations to the other forms of renal lesion, included under the general designation of "Bright's disease." His papers, published from time to time in this and other medical journals, have attracted attention by their ingenious views and certain original observations. The purpose of the present volume is to bring together, in an accessible form, the results of his inquiries. It does not profess to be an exhaustive treatise on Bright's disease ; but it purposes to give an outline of those views in regard to the affections described, which the author believes to be most correct ; at the same time that it records, on certain points, the opinions and observations which are peculiar to the author himself. These intentions the work before us ably fulfils. It is written fluently, yet succinctly ; contains a large amount of information in a small compass ; and is clear in its statements of opinion and fact on every topic touched upon. The text is embellished by some well-executed plates, illustrative of the morbid structures as seen with the microscope. Both as to matter and form, Dr Stewart's treatise is well worthy the attention of the profession.

After describing the three forms of Bright's disease, Dr Stewart adds supplementary chapters of considerable interest. The first



treats of the simple fatty degeneration of the kidney, which is not a form of Bright's disease, although often mistaken for it. The second chapter details instructive cases of acute atrophy of the liver, and describes what Dr Stewart regards as a primary acute atrophy of the kidneys, similar to the corresponding affection of the liver. The whole of the chapter merits attention. The remarks on the connection of these lesions with blood-poisoning, and the reference to the obscure cases of fatal steatosis of the liver and kidneys, recorded by Rokitansky and others, open up considerations of much interest to Pathologists and Physicians. . . .

From the review we have given, our readers will perceive the varied and important nature of the contents of Dr Stewart's volume. We again commend it to the attention of our readers.—*Edinburgh Medical Journal*, December 1868.

Dr Grainger Stewart has presented in his treatise a painstaking and instructive study of those diseases of the kidney which bear the name of their discoverer. These he classifies as—(1.) The inflammatory form, of which there are three stages—those of inflammation, of fatty transformation, and of atrophy; (2) The waxy or amyloid form, which has also three stages—that of degeneration of vessels, that of secondary changes in the tubes, and that of atrophy; and (3) The cirrhotic, contracting or gouty form. He describes faithfully, and illustrates by cases the characteristic features, and the appropriate treatment of these different forms. The treatise is not a compilation of the views of others, but a genuine product of the author's researches, written in a clear and concise style, and well-printed on good paper. Its value is enhanced by several plates, exhibiting the minute morbid anatomy of the kidney in its different stages and kinds of degeneration; and the work may be justly recommended as a faithful study of the morbid conditions with which it deals.—*Westminster Review*, January 1869.

The eccentric yellowness of the paper and the uncut condition of Dr Stewart's book are the only points that we have to complain of. The general practitioner will be able to refresh his knowledge of the group of diseases which are associated by courtesy with the name of the late Dr Bright. The Edinburgh University



Hospital is a good field for the study of these diseases, and Dr Grainger Stewart is an able pilot, both for the practitioner and student. His work is graced by an easy literary style without scientific pedantry, and we can conscientiously recommend it to all, not merely as a work which keeps up the prestige of the Edinburgh school of medical thought, but as a real effort in the cause of curative medicine.—*The Medical Mirror*, Feb. 1, 1869.

This work, by the well-known author of several valuable papers on the subject to which it refers, is the fruit of researches extending over a series of years, in the Pathological department of the Edinburgh Royal Infirmary. The present work is a very able and consistent attempt to set in a clear light the rather involved and difficult questions connected with the ultimate Pathology of Bright's disease; and Dr Stewart, in accordance with his opinions, rightly prefers a designation indicative of a plurality of forms, while he is moved by a sound conservative instinct, and by a regard for the great name of Dr Bright, "to preserve the memory of the illustrious discoverer in connection with his work." . . . The space we have assigned to this review will, we trust, be accepted as our assurance that Dr Stewart has written a very useful book; and although we have ventured on a few criticisms, we have done so only in the full knowledge and appreciation of the excellent work done by the author, not only in connection with the present subject, but in his admirable papers on bronchiectasis, acute atrophy of the liver, &c., &c.—*Glasgow Medical Journal*, Feb. 1869.

In no place have those fatal degenerations of the tissue of the kidney, first described by Dr Bright, been so ably investigated as in Edinburgh, and to the labours of Alison, Christison, and others, we have now to add those of Dr T. Grainger Stewart. The work contains accounts of a large number of instructive cases, and is illustrated by a series of admirable plates, showing the microscopic structure of the kidney in the various forms of Bright's diseases.—*Athenæum*, December 1868.



*Extract from a Letter from Dr BARNES, Surgeon-General of the  
United States Army.*

WAR DEPARTMENT, SURGEON-GENERAL'S OFFICE,  
July 9, 1869.

DEAR SIR,— . . . My attention had been called to your treatise on Bright's Diseases, by an exceedingly favourable review. . . . I beg to congratulate you upon the manner in which it has been received by the profession here as a standard authority.—  
Very respectfully, your obedt. servant,

J. K. BARNES.

NOTICES OF THE PAPERS ON BRIGHT'S DISEASES.

I would refer you to the excellent remarks of Dr Stewart, as to the individual symptoms and Pathology of the disease.—*Principles and Practice of Medicine, by Professor Bennett, 5th Ed. page 817.*

With regard to the amyloid kidney, Dr Grainger Stewart, Pathologist to the Royal Infirmary, Edinburgh, has published recently further observations, confirming those referred to in the previous volume of this edition.—*Aitken's Practice of Physic, Vol. II., page 946.*

To Dr Grainger Stewart, of Edinburgh, we are mainly indebted for pointing out the characters of the urine in waxy diseases of the kidney. My own observations coincide with his in every essential point.—*Murchison on Diseases of the Liver, page 28.*

Two excellent essays on this disease, illustrated by the reports of thirty-four cases, have been published by Dr T. Grainger Stewart, of Edinburgh. . . . [Here follows a description of the symptoms of this disease.] . . . Concerning the nature of the new material, which is deposited or formed in the walls of



the small arteries, and in the surrounding tissues, we have no very precise information. According to Dr Dickinson, it consists of fibrin, which has thus been deposited in consequence of the loss of the free alkali which is naturally associated with it. The dealkalized fibrin has its origin in protracted suppuration, the discharges removing the alkalies from the system, and, at the same time, causing a relative increase in the amount of fibrin. Dr Grainger Stewart believes that, as to the real nature of the disease, we must confess ignorance, and he doubts the correctness of some of Dr Dickinson's views. The points which seem to Dr Stewart well-established are—(1) That it is a true degeneration or transformation of tissue, and not an infiltration; (2) That it consists of an albuminous material, probably deficient in alkali; and (3) That it results from long-continued exhausting diseases, such as syphilis, tuberculosis, caries, and chronic suppuration. In partial confirmation of the foregoing, it may be added that several chemists, particularly Kekulé and Kühne, have expressed an opinion that the material is closely allied to albumen, and that, since it has no relation to cellulose or starch, it cannot with propriety be termed amyloid.—*Tanner's Practice of Medicine, Vol. II., pages 188, 189.*

#### NOTICES OF PAPERS ON DILATATION OF THE BRONCHI.

Dr Grainger Stewart contributes to the *Edinburgh Medical Journal*, July 1867, a most valuable paper on Dilatation of the Bronchi. He first points out certain spurious forms of the disease. 1. A general dilatation, as in whooping-cough; 2. Dilatation from stricture; 3. From hardened lung-tissue; 4. Abscess cavities simulating dilatations. He points out two kinds of true dilatation, the reniform and the saccular; and he details the condition of each layer of the bronchus in each. He gives the contents of these dilatations as—Yellow mucus, insipissated greyish-yellow material, and foetid mucus which has undergone change; the contents may be hardened. The conditions of the surrounding lung substance are next given. It may be unaltered; it may be soft and atrophied; it may be fibroid; it may be an abscess; or it may be gangrenous. Bronchiectasis is most common in the lower and middle lobes of the right lung. The theories as to the



cause of the disease are next given ; then follows its clinical history, with cases exemplifying the diseased condition.—*Biennial Retrospect of Medicine and Surgery for 1867-8. New Sydenham Society. Dr Anstie in the Report on Practical Medicine.*

Wasting of the muscular coat is a usual result, and there is degeneration of their tissue ; and, in consequence, the dilated tubes open into each other without any true ulcerative process, as shown by Dr T. Grainger Stewart, from whose excellent description of dilatation of the bronchi, in the "Edinburgh Medical Journal" for July 1867, this account of bronchiectasis is taken.—*Aitken's Practice of Physic.*

The condition of the lung tissue surrounding the dilatations has been better described by Dr Grainger Stewart than by any other writer that I am acquainted with. . . . Very different opinions have been promulgated as to the cause of these dilatations. Laennec believed that they were only met with in cases of chronic mucous catarrh, a temporary dilatation resulting from a voluminous sputum, and being rendered permanent by the successive secretion and stagnation of similar ones. This mechanical explanation was disputed by Andral with regard to one form of bronchiectasis, which he believed was the result of a vital hypertrophy. And so conflicting views have prevailed, according to the skill with which they have been advocated ; the theories of Sir Dominic Corrigan, Professor Gairdner, and Dr Stokes having been the most extensively adopted. After examining these, and considering the conclusions deducible from his own observations, Dr Grainger Stewart believes that the essential element in these cases is atrophy of the bronchial wall, so that the thinned and weakened tissue readily yields to the pressure of air, just as the force of the blood will produce an aneurismal tumour when the middle coat of an artery becomes weakened. Moreover, the enfeebled and dilated bronchi encourage the accumulation of mucus, while this decomposing secretion leads to irritation and inflammation of the mucous membrane ; the growth of villous processes from it, the formation of increased connective tissue in the walls, irritation of the cartilages, and frequently to consolidation of the surrounding lung with abscess or gangrene.—*Tanner's Practice of Medicine, Vol. I., pages 561, 562.*



By far the most important communication is on dilatation of the bronchi, by Dr Grainger Stewart (one of the most promising Pathologists we know), wherein are revised all previous researches on the subject. In fact, the paper is as nearly as possible perfect. —*Medical Times and Gazette*, July 20, 1869.

[Second Series.]

# TESTIMONIALS

IN FAVOUR OF

THOMAS GRAINGER STEWART,

M.D., EDIN.,

FELLOW AND ONE OF THE EXAMINERS OF THE ROYAL COLLEGE OF PHYSICIANS,

FELLOW OF THE ROYAL SOCIETY OF EDINBURGH,

PATHOLOGIST TO THE ROYAL INFIRMARY,

LECTURER ON PATHOLOGY AND PATHOLOGICAL ANATOMY

AT SURGEONS' HALL.

CANDIDATE

FOR THE

CHAIR OF GENERAL PATHOLOGY

IN THE

UNIVERSITY OF EDINBURGH.



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*Colston & Son, Printers,  
Edinburgh.*

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TO THE  
CURATORS OF THE UNIVERSITY OF  
EDINBURGH.

MY LORDS AND GENTLEMEN,

IN submitting to you a Second Series of Testimonials in support of my Candidature for the Chair of General Pathology, now vacant, I would venture to remind you of the facts that I have been a teacher of Pathology (General and Special) for nearly seven years, and have, for a similar period, been Pathologist to the Royal Infirmary. That office is of extraordinary value to one who desires to study Pathology, as it compels him to examine and minutely investigate every case which is subjected to *post mortem* examination in the Royal Infirmary. During my seven years of service, about fifteen hundred such cases have passed through my hands. It is unnecessary to dilate upon the advantages which such experience secures for a teacher, and those who may be his pupils.

During these years my attention has not been exclusively confined to Pathology. I have also devoted myself to Clinical study, believing that the Pathologist should never neglect



the practical application of his special scientific work. Having for four years been entrusted by the Managers of the Royal Infirmary with the charge of a Medical Ward, my experience in this department has not been inconsiderable.

I also beg you to notice that all the accompanying Testimonials, as well as nearly one-half of my first series, are from leading Pathologists in Europe and America. It were easy to multiply expressions of favourable opinion, but I have been mainly anxious to procure the evidence of those whose position in the Pathological world entitles them to speak with authority.

I have the honour to be,

MY LORDS AND GENTLEMEN,

Your most obedient Servant,

THOMAS GRAINGER STEWART,

M.D., F.R.C.P.E., F.R.S.E.

32 QUEEN STREET,  
EDINBURGH, 19th August 1869.

# CONTENTS.

	PAGE
63. From CARL ROKITANSKY, M.D. Vienna ; M.D. (Honorary) of the University of Prague ; Member of Academy of Sciences, Vienna ; Geheimrath ; Professor of Pathology and Pathological Anatomy in the University of Vienna ; Founder of the celebrated Museum of Pathological Anatomy, and formerly Pathologist to the General Hospital of Vienna ; Author of "Lehrbuch der Pathologischen Anatomie," 3 vols. (translated into English by the Sydenham Society), &c., &c., &c.	3
64. From HERMANN LEBERT, M.D., Geheimer Medizinalrath (Medical Privy Councillor) ; Officer of the Legion of Honour ; Member of the Anatomical Society of Paris ; Professor of Clinical Medicine and of Special Pathology in the University of Breslau ; Author of "Physiologie Pathologique, ou Recherches, Cliniques, Experimentales, et Microscopiques," &c., 2 vols., with Atlas of Plates ; "Abhandlungen aus dem Gebiete der Practischen Chirurgie und der Pathologischen Physiologie," "Traité d'Anatomie Pathologique Générale et Speciale," "Handbuch der Allgemeinen Pathologie und Therapie mit besonderer Rücksicht auf die Aertzliche Praxis," &c., &c.,	4
65. From Dr CARL EWALD HASSE, Geheimer Hofrath (Privy Councillor) ; Professor of Clinical Medicine and Special Pathology in the University of Göttingen ; Author of "Specielle Pathologische Anatomie" (translated into English by the Sydenham Society, and into Dutch), "Ueber den Begriff der Krankheit," "Die Krankheiten des Nervenapparats," &c.	6
66. From Dr N. FRIEDREICH, Professor of Pathology and Therapeutics and of Clinical Medicine in the University of Heidelberg ; Author of "Beiträge zur Lehre von der Geschwülsten der Schädelhöhle,"	

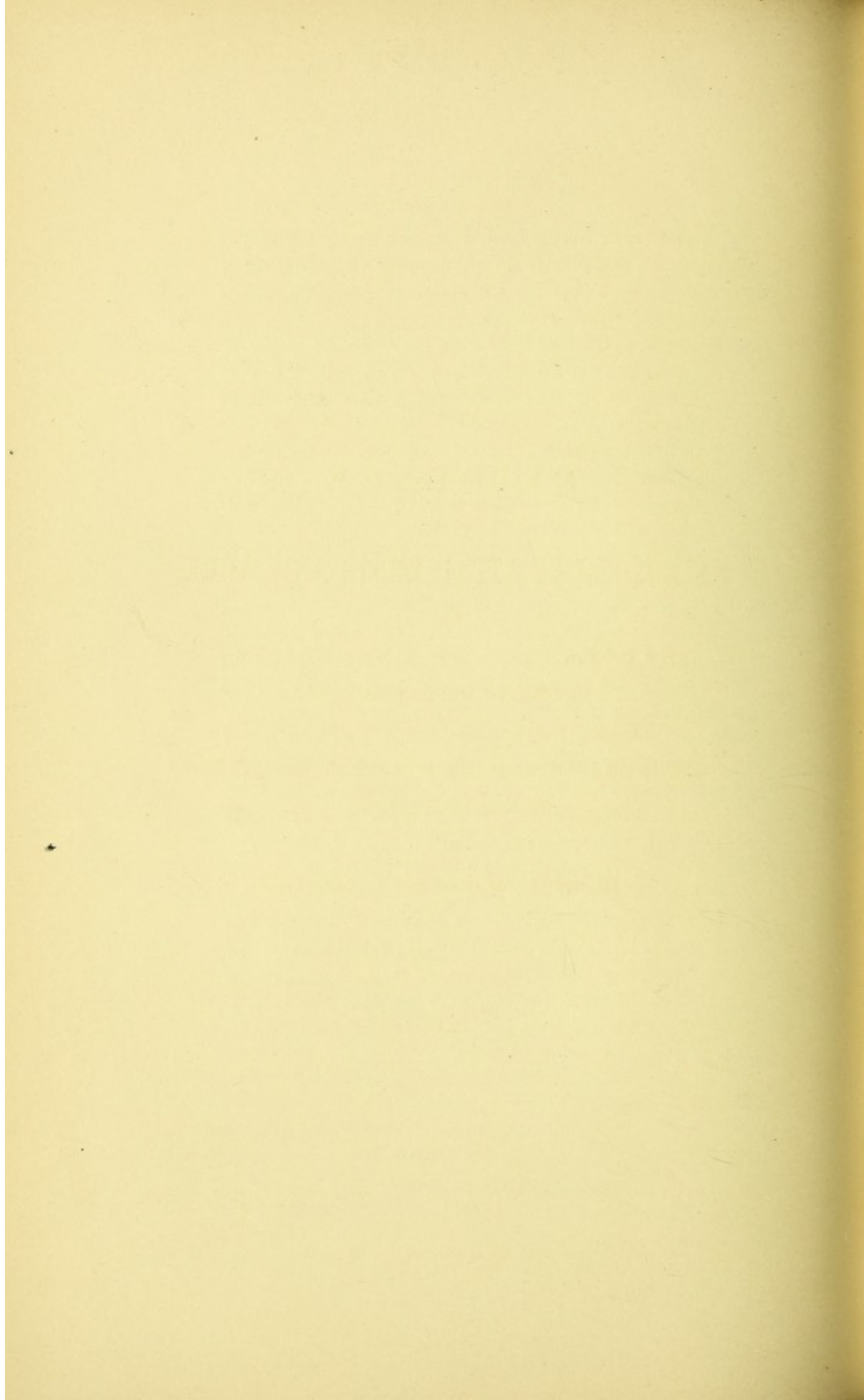


	PAGE
"Die Krankheiten des Herzens," "Die Krankheiten der Nase, des Kehlkopfs, der Trachea, &c.," in Virchow's Handbuch der Speziellen Pathologie, &c., &c.	7
67. From Dr LUDWIG BUHL, Professor of General Pathology and Pathological Anatomy in the University of Munich (Bavaria); Author of "Ueber die Stellung und Bedeutung der Pathologischen Anatomie," and Joint-Author, with Professor Hecker, of "Klinik der Geburtskunde," &c., &c.	9
68. From TH. BILLROTH, M.D., Professor of Clinical Surgery in the University of Vienna; Author of "Die Allgemeine Chirurgische Pathologie, und Therapie in 50 Vorlesungen," "Beiträge zur Pathologischen Histologie nach Beobachtungen aus der Königl. Chirurgischen Universitäts Klinik zu Berlin," "Ueber den Bau der Schleim Polypen," and Joint-Editor, with Professor von Pitha, of "Handbuch der Allgemeinen und Speziellen Chirurgie," &c., &c., .	10
69. From Dr EMIL MANNKOPFF, Professor of Special Pathology and Medicine in the University of Marburg; Author of a treatise "Ueber Meningitis Cerebro Spinalis Epidemica, auf Grundlage der in der Medizinischen unter Leitung der Geh. Med. Rath. u. Prof. Dr Frerich's Stehenden Universitäts Klinik zu Berlin Gemachte Beobachtungen," &c., .	12
70. From COLMAN BALOGH, M.D., Professor of Pathological Anatomy in the Royal Hungarian University of Pesth; Corresponding Member of the Hungarian Academy of Sciences, &c., .	17
71. From Dr CHARLES ANGLADA, Professor of Medical Pathology in the University of Montpellier; Author of "Traité de la Contagion pour Servir à l'histoire des Maladies Contagieuses et des Epidemics," &c. .	18
72. From D. VILLEMEN, M.D., Professor Agrégé au val de Grâce; Author of "Etudes sur la Tuberculose, preuves rationnelles et experimentales de la specificité et de son inoculabilité," &c. .	20
73. From SIR WILLIAM JENNER, Bart., M.D., F.R.C.P., F.R.S., Physician in Ordinary to Her Majesty the Queen, and to H.R.H. the Prince of Wales; Professor of Medicine in University College; Physician to University College Hospital, London; Author of "On the Identity or Non-Identity of Typhus and Typhoid Fevers," "Lectures on Rickets," &c., .	22



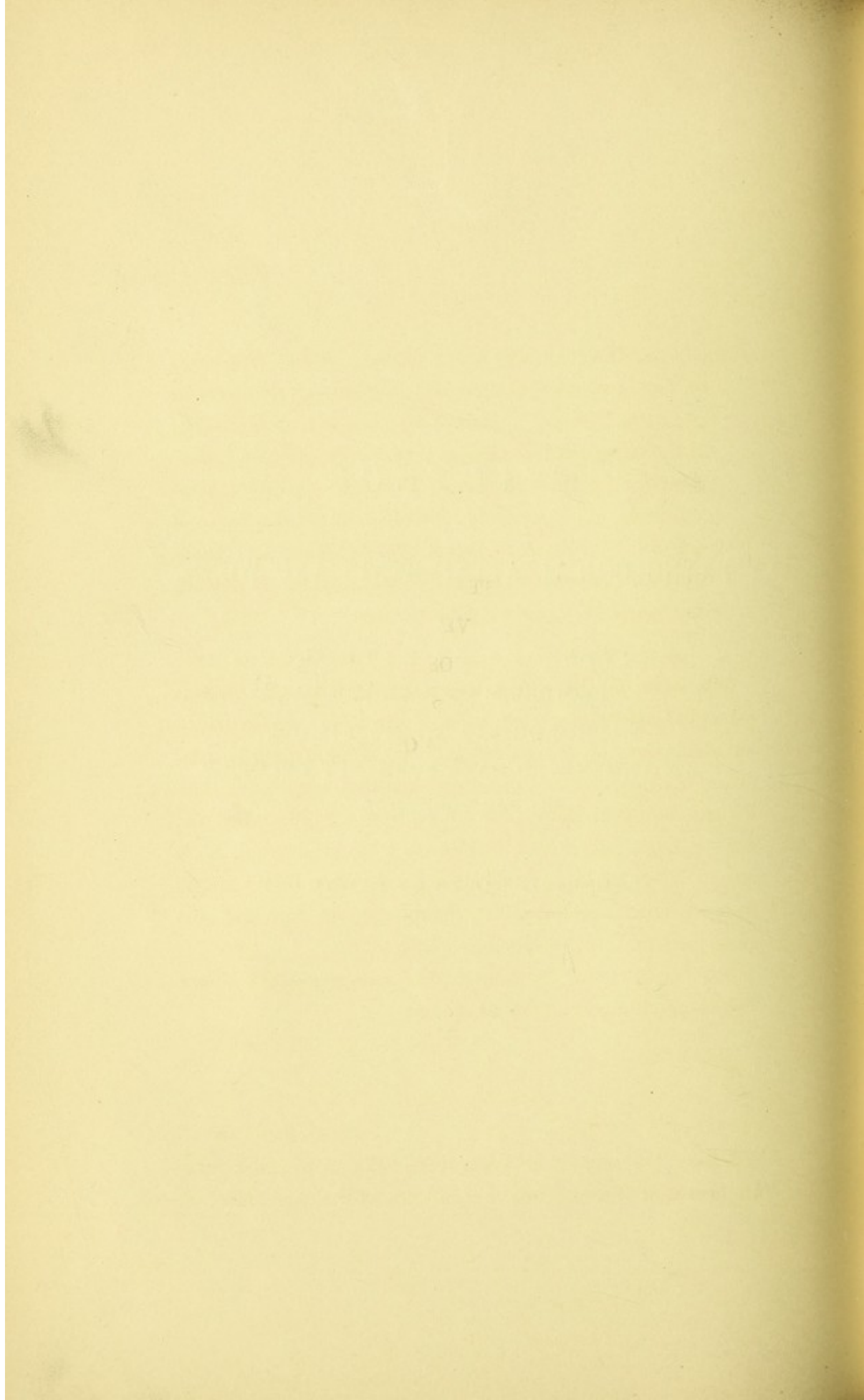
	PAGE
74. From W. T. GAIRDNER, Esq., M.D., F.R.C.P.E., Professor of Practice of Physic in the University of Glasgow; formerly Pathologist to the Royal Infirmary, Edinburgh; Author of "Clinical Medicine," &c., &c., . . . . .	23
75. From J. F. PAYNE, Esq., M.B., B.Sc., Fellow of Magdalen College, and Examiner in Natural Science in the University of Oxford; Lecturer on Pathology in the Medical School of St Mary's Hospital, London, . . . . .	24
76. From W. H. DICKINSON, Esq., M.D. Cantab., F.R.C.P., Senior Assistant Physician and Lecturer at St George's Hospital; Physician to the Children's Hospital; formerly Pathologist to St George's Hospital; Author of "The Pathology and Treatment of Diseases of the Kidney, accompanied by Albuminuria," "The Lardaceous Waxy or Amyloid Degeneration," &c., . . . . .	25
77. From J. L. W. THUDICUM, Esq., M.D., Lecturer on Pathological Chemistry in St Thomas's Hospital, London; Author of "Pathology of the Urine," Report on "The Parasitic Diseases of Animals used for Food," "Report of Medical Officer of Privy Council, 1865." &c., &c., . . . . .	25
78. From F. CHANCE, Esq., M.B. Cantab., Fellow of the Royal College of Physicians; Translator of "Virchow's Cellular Pathology," . . . . .	26
79. Extract from a Letter from SAMUEL HENRY DICKSON, Esq., M.D., LL.D., Professor of Practice of Physic in Jefferson Medical College, Philadelphia; Author of "Elements of Medicine: a Compendious View of Pathology and Therapeutics; or, the History and Treatment of Disease," . . . . .	27
80. From W. W. KEEN, Esq., M.D., Lecturer on Pathological Anatomy in the Jefferson Medical College; Fellow of the College of Physicians, Philadelphia; Fellow of the Academy of Natural Sciences; Joint-Author, with Drs Mitchell and Morehouse, of the "Gunshot Wounds, and other Injuries of Nerves," Phila., 1864, &c., &c., &c., . . . . .	28





EVIDENCE  
AS TO  
PATHOLOGICAL ATTAINMENTS AND WORK,  
FROM  
PROFESSORS OF PATHOLOGY,  
LECTURERS ON PATHOLOGY,  
PATHOLOGISTS TO HOSPITALS,  
GENTLEMEN WHO HAVE FORMERLY OCCUPIED  
THESE POSITIONS,  
AND  
AUTHORS OF WORKS ON PATHOLOGY.





LXIII.

From CARL ROKITANSKY, M.D. Vienna; *M.D. (Honorary) of the University of Prague; Member of Academy of Sciences, Vienna; Geheimrath; Professor of Pathology and Pathological Anatomy in the University of Vienna; Founder of the celebrated Museum of Pathological Anatomy, and formerly Pathologist to the General Hospital of Vienna; Author of "Lehrbuch der Pathologischen Anatomie," 3 vols (translated into English by the Sydenham Society), &c., &c., &c.*

WIEN, dem 21 Juli 1869.

Ich habe die Ehre den Herrn Dr T. Grainger Stewart persönlich zu kennen, und es sind mir auch seine Arbeiten auf dem Gebiete der Pathologie und Pathologischen Anatomie wohl bekannt. Alle diese Arbeiten zeugen von dem Fleisse und dem Talente, der Kenntniss der Literatur und der Selbständigkeit des Verfassers; und es kann nach meiner Meinung kein Zweifel sein, dass Herr Dr Grainger Stewart einer Lehrkanzel der Pathologie mit Ehre und ausgezeichnetem Erfolge vorstehen werde.

Ich benütze mit Vergnügen die Gelegenheit, ihm dieses wahrheitsgetreue Zeugnis zu geben.

PROF. DR ROKITANSKY.

(Translation.)

VIENNA, 21st July 1869.

I have the honour of being personally acquainted with Dr Grainger Stewart, and his labours in the department of



Pathology and Pathological Anatomy are also well known to me. All these works testify to his industry and ability, to his knowledge of the literature of the subject, and to the originality of his views; and, in my opinion, there can be no doubt that Dr Grainger Stewart would fill with honour and distinguished success any Chair of Pathology.

It is with pleasure that I embrace this opportunity of bearing this conscientious testimony.

PROF. DR ROKITANSKY.

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#### LXIV.

From HERMANN LEBERT, M.D., *Geheimer Medizinalrath* (*Medical Privy Councillor*); *Officer of the Legion of Honour*; *Member of the Anatomical Society of Paris*; *Professor of Clinical Medicine and of Special Pathology in the University of Breslau*; *Author of "Physiologie Pathologique, ou Recherches, Cliniques, Experimentales, et Microscopiques," &c., 2 vols, with Atlas of Plates*; "*Abhandlungen aus dem Gebiete der Practischen Chirurgie und der Pathologischen Physiologie*," "*Traité d'Anatomie Pathologique Generale et Speciale*," "*Handbuch der Allgemeinen Pathologie und Therapie mit besonderer Rücksicht auf die Aerztliche Praxis*," &c., &c.

BRESLAU, July 1869.

Ich kann mit vollster Ueberzeugung Herrn Dr Grainger Stewart in Edimbourg, für die Stellung als ordentlicher Professor der Pathologie an der Universität Edimbourg empfehlen. Wenn schon im allgemeinen diejenigen Gelehrten welche sich mit Anatomischer Pathologie viel beschäftigt, und in derselben



ausgezeichnetes geleistet haben, wie Dr Grainger Stewart, sehr geeignet sind, die Pathologie zu lehren, so hat gerade dieser Autor noch speziell in vorzüglicher Art den Beweis geliefert dass er mit seinen eminenten Anatomisch-Pathologischen Leistungen tiefe klinisch-praktische Kenntnisse verbindet. Es reicht hin sein auch in dieser Beziehung ausgezeichnetes Werk über die Brightsche Nierenerkrankung zu lesen, um sich zu überzeugen dass in dieser umfangreichen Arbeit die Pathologische Anatomie, klinische Beobachtungen und Therapie gleich gut und vollständig vertreten sind. Ich kann daher Herrn Dr Grainger Stewart für die zu besetzende Professur auf das dringendste und Ueberzeugungvollste empfehlen.

H. LEBERT.

*(Translation.)*

I can with fullest conviction recommend Dr Grainger Stewart, of Edinburgh, for the office of Professor of Pathology in the University of Edinburgh. If those men of science who have devoted themselves specially to Pathological Anatomy, and have produced distinguished results, as is the case with Dr Grainger Stewart, are well fitted to teach Pathology, this author in particular has specially afforded proof, that, along with his eminent Anatomico-pathological attainments, he combines profound clinical and practical knowledge. A perusal of his excellent Treatise on "Bright's Diseases of the Kidneys" convinces one that, in this comprehensive work, Pathological Anatomy, Clinical Observation, and Treatment, are all alike good and perfect. I am therefore able, most urgently, and with fullest conviction, to recommend Dr Grainger Stewart for the vacant Professorship.

H. LEBERT.



## LXV.

*From* DR CARL EWALD HASSE, *Geheimer Hofrath* (Privy Councillor); *Professor of Clinical Medicine and Special Pathology in the University of Göttingen*; *Author of "Specielle Pathologische Anatomie" (translated into English by the Sydenham Society, and into Dutch), "Ueber den Begriff der Krankheit," "Die Krankheiten des Nervenapparats," &c., &c.*

GÖTTINGEN, 23 Juli 1869.

HOCHGEEHRTER HERR COLLEGE.—Es würde mich sehr freuen, wenn Ihre Bewerbung für die Professur der Pathologie in Edinburg Erfolg hätte. Nach meinem Dafürhalten sind Ihre wissenschaftlichen Arbeiten, so weit mir dieselben bekannt sind, von der Art und von solcher Bedeutung, dass sie Ihnen grade für diese Professur die vollkommenste Anwartschaft verbürgen.

Ich habe überhaupt die Ueberzeugung, dass es gegenwärtig noch immer das Beste ist, die Lehrer der practischen Medicine aus der Reihe der Pathologischen Anatomen zu nehmen, besonders derjenigen welche nicht einzig und allein den histologischen Feinheiten in abstracter Weise nachgehen.

Nun finde ich aber grade in Ihren Arbeiten die practische Richtung mit besonderem Geschick eingeschlagen, und erkläre daher wiederholt, dass ich Ihre Erhebung zur Professur der Pathologie für ganz besonders passend ansehen würde.

Mit dem Ausdruck aufrichtiger Anerkennung und wahrer Hochachtung.—Ihr ergebenster.

DR C. E. HASSE.



(Translation.)

HIGHLY HONOURED COLLEAGUE.—I would be very glad if you were successful with your Candidature for the Professorship of Pathology in Edinburgh. Your scientific labours, as far as they are known to me, are in my opinion of such a nature and of such importance, that they secure you the most perfect claim for this particular Professorship.

In general, I am convinced that at present it is best to take the teachers of practical medicine from the rank of Pathological Anatomists, especially from those who do not exclusively pursue histological subtleties in an abstract manner. Now I find, in your works, that practical direction pursued with particular aptitude; and therefore declare again, that I would consider your elevation to the Professorship of Pathology as particularly appropriate.

With the expression of sincere acknowledgment and esteem,—Your most obedient.

DR C. E. HASSE.

## LXVI.

*From Dr N. FRIEDREICH, Professor of Pathology and Therapeutics and of Clinical Medicine in the University of Heidelberg; Author of "Beiträge zur Lehre von den Geschwülsten der Schädelhöhle," "Die Krankheiten des Herzens," "Die Krankheiten der Nase, des Kehlkopfs, der Trachea, &c.," in Virchow's Handbuch der Speziellen Pathologie, &c., &c.*

HEIDELBERG, 20 Juli 1869.

Herr Med. Dr T. Grainger Stewart in Edinburg hat sich durch seine Arbeiten auf dem Gebiete der Pathologie und



Pathologischen Anatomie einen sehr hochachtbaren Namen in der neueren medicinischen Literatur erworben, und es wird derselbe auch in Deutschland mit Recht zu den besten Forschern der Gegenwart gerechnet. Die einzelnen Publicationen des Herrn Dr Grainger Stewart welche sich grösstentheils im Edin. Med. Journ. und in der Brit. and For. Med.-Chir. Review finden, bezeichnen sämmtlich Fortschritte in einem oder dem anderen Gebiete der medicinischen Wissenschaft, und das neueste Werk "A Practical Treatise on Bright's Diseases of the Kidneys," Edin. 1868, ist sicherlich eine der besten Schriften über die Pathologie der Nieren; und zeugt von umfassenden Kenntnissen, ausgedehnten Studien, sorgfältigen eigenen Untersuchungen und einer strengen wissenschaftlichen Methode. Nach den bisher von Herrn Dr Grainger Stewart publizirten Schriften bin ich fest überzeugt, dass die Wissenschaft auch noch fernerhin bedeutende und werthvolle Bereicherungen durch die Arbeiten des genannten hochgeschätzten Gelehrten bekommen wird, und ich halte überhaupt Herrn Dr Stewart für eine wissenschaftliche Kraft welche jeden Lehrstuhl der Pathologie mit Auszeichnung zu vertreten im Stande sein würde.

DR N. FRIEDREICH.

*(Translation.)*

HEIDELBERG, 20th July 1869.

Dr T. Grainger Stewart has acquired, through his work in the department of Pathology and Pathological Anatomy, a very highly esteemed name in Modern Medical Literature, and is also reckoned in Germany among the best investigators of the present time.



The several publications of Dr Stewart, which are contained for the most part in the Edinburgh Medical Journal, and in the British and Foreign Medico-Chirurgical Review, all indicate progress in one or other department of Medical Science; and his latest work, "A Practical Treatise on Bright's Diseases of the Kidneys," Edinburgh, 1868, is certainly one of the best books on the Pathology of the Kidneys, and testifies to comprehensive knowledge, extensive study, careful original investigations, and a strictly scientific method. From the works already published by Dr Stewart, I am firmly convinced, that science will, in future, be still further enriched by important and valuable labours from the pen of this highly esteemed author; and, altogether, I consider Dr Stewart to possess such scientific ability, as will enable him to fill with distinction any Chair of Pathology.

DR N. FRIEDREICH.

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## LXVII.

*From* DR LUDWIG BUHL, *Professor of General Pathology and Pathological Anatomy in the University of Munich (Bavaria); Author of "Ueber die Stellung und Bedeutung der Pathologischen Anatomie," and Joint Author with Professor Hecker of "Klinik der Geburtskunde," &c., &c.*

MUNCHEN, den 20 Juli 1869.

Herr T. Grainger Stewart, M.D., etc., ist mir und so viel ich weiss auch in ganz Deutschland bei seinen Fachgenossen durch seine gediegenen Schriften bekannt, und gilt derselbe



überhaupt als einer der vorzüglicheren Forscher im Gebiete der Pathologie und Pathologischen Anatomie. Ganz besonders hervorzuheben sind seine Studien über die Bright'sche Nierenkrankheit, über die Speckniere, und über Bronchiectasie.

DR BUHL.

(*Translation.*)

MUNICH, 20th July 1869.

Dr Grainger Stewart is known to me, and, as far as I am aware, to the Pathologists of all Germany, through his powerful writings, and is generally regarded as one of the more excellent investigators in the department of Pathology and Pathological Anatomy. His studies on Bright's Disease, on Waxy Degeneration of the Kidney, and on Bronchiectasis are worthy of very special attention.

DR BUHL.

#### LXVIII.

*From* TH. BILLROTH, M.D., *Professor of Clinical Surgery in the University of Vienna; Author of "Die Allgemeine Chirurgische Pathologie und Therapie in 50 Vorlesungen," "Beiträge zur Pathologischen Histologie nach Beobachtungen aus der Königl. Chirurgischen Universitäts Klinik zu Berlin," "Ueber den Bau der Schleim Polypen," and Joint Editor with Professor von Pitha of "Handbuch der Allgemeinen und Speziellen Chirurgie," &c., &c.*

WIEN, 17 Juli 1869.

HOCHGEEHRTER HERR COLLEGE,—. . . Sowohl Ihre Abhandlung über Bronchiectasie als Ihre Mittheilung des interessanten



Falles von Lebersyphilis sind werthvolle Beiträge der betreffenden Literatur. Besonders aber zeigt Ihr Werk über Morbus Brightii, dass Sie alle modernen Methoden der feineren Untersuchung Pathologischer Organe mit Sicherheit beherrschen und manches Neue und Interessante auf diesem Gebiete gefunden haben. Es wird gewiss für die alte ehrwürdige Universität Edinburg ein grosser Vorthail sein, wenn ein so geübter und mit allen Mitteln des Forschungstalentes ausgestatteter Untersucher an ihr wirken, und so der seit Jahrhunderten bestehende Ruhm der Schottischen Medicinischen Schule erhalten wird.—Mit freundlichem Gruss,

TH. BILLROTH.

*(Translation,)*

VIENNA, 17th July 1869.

HIGHLY HONOURED COLLEAGUE,— . . . Your treatise on Bronchiectasis, as well as your description of the interesting case of Syphilitic Affection of the Liver, are valuable contributions to the literature of these subjects. Your work on Bright's Disease shows, in particular, that you have at your command all modern methods of the more elaborate investigation of morbid tissues, and that you have discovered many new and interesting facts in this department.

It will certainly be of great advantage to the old and venerable University of Edinburgh, if an observer so experienced, accomplished, and talented in research, labour in it; and so will the fame which has for centuries crowned the Medical School of Scotland be sustained.—With kind regards.

TH. BILLROTH.



## LXIX.

*From Dr EMIL MANNKOPFF, Professor of Special Pathology and Medicine in the University of Marburg ; Author of a treatise " Ueber Meningitis Cerebro Spinalis Epidemica, auf Grundlage der in der Medizinischen unter Leitung der Geh. Med. Rath. u. Prof. Dr Frerichs Stehenden Universitäts Klinik zu Berlin Gemachte Beobachtungen," &c.*

MARBURG, IN DER PROVINZ HESSEN-NASSAU,  
den 19 Juli 1869.

Herr Med. Dr Grainger Stewart ist mir im Jahr 1859 in welchem wir beide in Prag medicinischen Studien oblagen, genau bekannt geworden. Er erwarb sich damals meine höchste Achtung dadurch wie er seine glücklichen geistigen Anlagen bereits zur Erwerbung umfassender Kenntnisse benutzt hatte, sowie dadurch dass er mit ungewöhnlichem Ernst und streng-wissenschaftlichem Eifer auch in Prag seine Studien betrieb.

Ich war daher keineswegs überrascht, ihn schon 1861 mit einer Abhandlung über die Amyloide Degeneration der Niere hervortreten zu sehen, in der er, fussend auf sorgfältigen Beobachtungen den Gegenstand allseitig sehr gut erörterte und manchen neuen Gesichtspunct eröffnete.

Gleich dieser ersten sind auch seine weiteren, von regem Forschungseifer zeugenden Arbeiten wie in Frankreich (s. z. B. Guerder : de la dégénérescence Amyloide. Strassbourg, 1863 ; Gaz. hebdom 1866, No. 12), so auch besonders in Deutschland mit Anerkennung aufgenommen ; es beweisen dies die in den verschiedensten deutschen Zeitschriften und medicinischen Werken enthaltenen günstigen Recensionen und ehrenvollen Erwähnungen.



Herr Dr Stewart hat nicht allein die Kenntniss seltner Krankheits-zustände durch interessante casuistische Beiträge wesentlich gefördert, sondern er hat auch durch erneute Bearbeitung häufig vorkommender und für die Praxis besonders wichtiger Erkrankungen unter zweckmässigster Verwerthung eines reichen Beobachtungsmaterials wesentlich zur Klärung der Ansichten über dieselben beigetragen. Hat er sich so durch seine Arbeiten in verschiedenen Gebieten der innern Heilkunde einen Namen erworben und sich dadurch auch besonders vor dem Vorwurf der Einseitigkeit bewahrt, so sind doch vor Allem die sich an seine erste Publication anschliessenden Studien über die zweckmässig geschiedenen Formen der Brightschen Nierenkrankheit, die er in einzelnen Abhandlungen, und schliesslich in einer mit instructiven Abbildungen ausgestatteten Monographie niedergelegt hat, welche die grösste Anerkennung verdienen. Wie in allen seinen Arbeiten, so zeigt er sich besonders in den letzterwähnten durch die mitgetheilten unterrichtenden Einzelfälle als ein ebenso gründlicher Beobachter und Diagnostiker am Krankenbett, wie als scharfblickender Untersucher am Leichentisch und Microscopirtisch; manche bisher wenig bekannte Thatsache ist so durch ihn in das richtige Licht gestellt.

Mit Kritischer Benutzung fremder Beobachtungen und Ansichten, wobei er sich als gründlicher Kenner auch der ausländischen, besonders deutschen Literatur erweist, weiss er in gewandter und klarer Darstellung aus seinen Beobachtungen das Allgemeine abzuleiten und so mustergültige Krankheitsbilder aufzustellen, so wie sichere Regeln für die Diagnostik zu geben. Auch dass er, sobald er sich zur Erklärung der Erscheinungen auf den Boden der Hypothese



begiebt, sich niemals in grundlose Phantasien verliert, sondern stets mit dem Tatsächlichen in Zusammenhang bleibend, seine Ansichten durch gute Gründe zu stützen weiss, verdient meines Erachtens selbst von dem, lobend anerkannt zu werden, der nicht in Allem den theoretischen Anschauungen des Herrn Dr Stewart beitreten kann. Bei seinen Besprechungen der Therapie steht er auf einer durchaus rationellen Basis.

Nach dem Vorstehenden glaube ich nur pflichtgemäss zu handeln, wenn ich die feste Überzeugung ausspreche, das Herr Med. Dr Grainger Stewart nach jeder Richtung hin geeignet ist, die Stellung eines ordentlichen Professors der Pathologie zu bekleiden. Nach seiner bisherigen wissenschaftlichen Thätigkeit ist wohl mit Bestimmtheit zu erwarten dass er eine solche Stellung nicht allein zur Heranbildung tüchtiger Aerzte, sondern besonders auch zur weiteren Förderung unserer Wissenschaft auf das Beste benutzen wird. Es sollte mich freuen wenn dies Zeugniss, dass man auch im Auslande Herrn Dr G. Stewart würdigt, ihm zur Erreichung des gedachten Lehrstuhls förderlich sein sollte.

EMIL MANNKOPFF.

*(Translation.)*

I became well acquainted with Dr Grainger Stewart in 1859, when we pursued together our medical studies in Prague. He acquired at that time my highest esteem, by the manner in which he had used his eminent mental capacities for acquiring extensive knowledge, as well as by the great earnestness and studious zeal with which he carried on his studies in Prague.



I was therefore by no means surprised to find him, so early as 1861, bringing forward a paper on the Amyloid Degeneration of the Kidneys, in which, while founding his views upon careful observations, he discussed the subject most thoroughly, and brought forward many new ideas.

His other works, which also exhibit great zeal for Pathological investigation, have, like his first, been received with approval in France, (see, for example, *Guerder de la dégénérescence Amyloïde*. Strassbourg, 1863; *Gaz. hebdom.* 1866, No. 12), and particularly in Germany, as is evinced by the favourable criticisms and complimentary references contained in the German periodicals and medical works.

Dr Stewart has materially advanced not only the knowledge of rare Pathological conditions by the publication of interesting cases, but he has also, by a renewed investigation of the rich material of observation at his command, done much to clear the views in regard to the more common affections, which are of great practical importance.

While acquiring a name in this manner, by his labours in different departments of medicine, and while holding liberal and impartial views, he deserves the greatest praise for his investigations in connection with different forms of Bright's Diseases, the results of which he has communicated in separate papers, and finally in a well-illustrated work.

As in all his works, so he shows himself in the last mentioned, by the instructive cases which he records, a thorough observer and diagnostician at the bed-side, as well as an acute investigator at the dissecting table and with the microscope. Many a fact hitherto little known, has, in this manner, been put into the right light by him. Besides the critical use of foreign observations and opinions, by which he proves him-



self thoroughly acquainted with the foreign, especially German literature, he has the power of generalising in an able and clear manner from the results of his observations, and thus showing typical examples of disease, as well as giving safe rules for diagnosis.

Also that he, when suggesting hypothetical explanations of facts, never loses himself in groundless speculation ; but, always keeping close to the facts, supports his views with good reasons. He deserves, in my opinion, honourable acknowledgment, even from those who may not accept his opinions.

In his discussion of Therapeutics, he stands upon a thoroughly rational basis.

In accordance with the foregoing, I believe it to be only my duty to express the firm conviction that Dr Stewart, is in every respect fitted to fulfil the duty of a Professor of Pathology. From the activity of his scientific labours hitherto we may confidently anticipate that he will not only use such a position for educating thoroughly capable practitioners, but also for the advance of science.

I would be very glad if this evidence that Dr Stewart is respected in foreign countries should contribute to his obtaining the vacant Chair.

DR EMIL MANNKOPFF.

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## LXX.

*From COLMAN BALOGH, M.D., Professor of Pathological Anatomy in the Royal Hungarian University of Pesth; Corresponding Member of the Hungarian Academy of Sciences, &c., &c.*

PESTH, 10th August 1869.

I am glad to certify that Dr Grainger Stewart has shown his ability in the department of Pathological Anatomy and Histology by various valuable treatises published by him, and among them we must specially mention his work, "A Practical Treatise on Bright's Diseases," in which are treated in their whole extent those affections of the kidneys that are comprehended under the name of Bright's Diseases. The author manifests in this work extensive literary knowledge, and moreover, that he has penetrated to the depths of those works and treatises which have been written on that subject by the most classical investigators. We see that Dr Stewart has great experience in Pathological investigation, and by reading his work and other treatises, we may be convinced that he possesses much adroitness and great originality in observing and understanding the investigated objects. I believe that his work on Bright's Kidneys especially contributes to increase knowledge in the department, and to arrange the objects which are enumerated, correctly and in accordance with their true state. We may find, further, that he is exempt from all one-sidedness, because he founds not only on an element of the physical enquiry, but he employs all the factors of Pathological investigation which are to be considered. Thus, besides Pathological Anatomy and Histology,



he refers also to Clinical observations and experience. I consider him, according to his labours, as an enquirer who has qualified himself in his scientific branch to a degree which corresponds to the demands which we are at the present day entitled to make of an accomplished Pathologist; and I venture to hope, with the greatest probability, that Dr Grainger Stewart will pursue in the future his scientific activity with a like conscientiousness as he has shown to the present time

COLMAN BALOGH, M.D.

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LXXI.

*From Dr CHARLES ANGLADA, Professor of Medical Pathology in the University of Montpellier; Author of "Traité de la Contagion pour servir à l'Histoire des Maladies Contagieuses et des Epidemies."*

MONTPELIER, le 9 Août 1869.

MONSIEUR ET TRÈS-HONORÉ CONFRÈRE.—Je n'ose croire que mon faible témoignage puisse servir d'appui à votre candidature pour la Chaire de Pathologie vacante à la Faculté de Médecine d'Edimbourg. Mais je suis heureux de répondre à vos désirs en toute Sincérité. Vos antécédants scientifiques, et la valeur réelle des nombreux ouvrages que vous avez publiés, me semblent des titres irrécusables. Vos travaux sur les Maladies de Bright m'ont paru particulièrement remarquables . . . Le Médecin qui a signé cette ouvre peut hardiment faire valoir ses droits au poste éminent que vous ambitionnez.

Puisse cette assurance avoir un part quelque minime qu'elle soit, dans le résultat que je désire pour l'enseignement et pour vous.

Toujours est-il que je me félicite de l'occasion que vous m'offrez de vous faire agréer l'hommage de ces sentiments, et l'expression de mes vœux confraternels.

Je suis avec respect, Monsieur, votre dévoué serviteur.

CH. ANGLADA.

*(Translation.)*

MONTPELIER, 9th August 1869.

SIR AND MUCH-HONOURED COLLEAGUE,—I scarcely venture to believe that my feeble testimony can serve to aid your Candidature for the vacant Chair of Pathology in the University of Edinburgh; but I am sincerely glad to respond to your desire. Your scientific antecedents, and the real value of the numerous works which you have published, seem to me an irresistible title. Your labours on Bright's Disease have appeared to me particularly remarkable. . . . The physician who has produced this work, can boldly assert his claims to the eminent post which you desire.

I wish this assurance could contribute, however little, to the result which I desire, both for instruction and for yourself. At all events, I am glad of the occasion which you give me of offering you the homage of these sentiments, and the expression of my brotherly good wishes.—I am, Sir, with esteem, your obedient servant,

CH. ANGLADA.



## LXXII.

*From D. VILLEMIN, M.D., Professor Agrégé au Val de Grâce; Author of "Etudes sur la Tuberculose, preuves rationnelles et experimentales de la specificite et de son inoculabilite."*

PARIS, le 29 Juillet 1869.

MONSIEUR ET TRÈS HONORÉ CONFRÈRE,—Une circonstance indépendante de ma volonté m'a empêché de répondre sur le champ à la demande que vous me faites l'honneur de m'adresser ; veuillez, je vous prie m'excuser de ce retard.

En vous donnant mon opinion personnelle sur vos travaux, je crois vous exprimer en meme temps celle de mes compatriotes qui s'occupent des choses de la médecine, car vos travaux jouissent ici de la plus grande estime. Votre nom est un de ceux qui sont nécessairement liés aux maladies des reins et à la dégénérescence amyloïde.

Votre traité pratique de la maladie de Bright fait maintenant autorité dans la science. Il se recommande non seulement parce qu'il résume l'état actuel de la question, mais aussi par les points de vue originaux que vous y faites apercevoir et par les faits de détails entièrement neufs que vous signalez surtout en ce qui concerne l'anatomie histologique.

J'en dirai autant de vos recherches sur la dégénérescence cirreuse, marquées au coin d'une observation fine et délicate.

Votre mémoire sur la dilatation des bronches est l'œuvre d'un esprit chercheur qui sait envisager le côté intéressant des questions. Il le signale surtout sous le rapport de la pathogénie de cette altération.

Enfin les autres publications dont vous êtes l'auteur, contribuent à éclairer divers points de Pathologie et complètent



un ensemble de travaux qui me paraissent constituer des titres sérieux à la Chaire de Pathologie interne que vous sollicitez.

Je vous souhaite vivement de reussir et je vous prie de recevoir l'expression de mes sentiments de haute consideration.

VILLEMIN.

*(Translation.)*

PARIS, 29th July 1869.

SIR AND MUCH-HONOURED COLLEAGUE,—A circumstance, over which I had no control, has hindered me from replying immediately to the request which you do me the honour to make. I pray you to excuse this delay.

In giving you my personal opinion of your works, I believe that I, at the same time, express that of the Medical Profession in France, for your works are held here in the greatest esteem. Your name is one of those which are necessarily connected with the Maladies of the Kidney, and with the Amyloid degeneration.

Your practical treatise on Bright's Diseases constitutes you an authority in the science. It recommends itself, not only because it reviews the actual state of the question, but also on account of the original points of view, and the entirely new details that are brought forward, especially in regard to histological anatomy.

I will say as much of your researches on the cirrhotic degeneration, which are stamped with the character of fine and delicate observation.

Your memoir on the Dilatation of the Bronchi is the work of a searching spirit, who knows how to present the interesting



side of questions. It shows this, above all, in what concerns the Pathology of this alteration.

Lastly, the other publications of which you are the author, contribute to the clearing up of different points in Pathology, and constitute altogether labours which appear to me to give you strong claims to the Chair of Pathology that you desire.

I wish very much that you may succeed, and I pray you to receive the expression of my highest respect.

VILLEMIN.

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LXXIII.

*From Sir WILLIAM JENNER, Bart., M.D., F.R.C.P., F.R.S.,  
Physician in Ordinary to Her Majesty the Queen, and  
to H.R.H. the Prince of Wales; Professor of Medicine  
in University College; Physician to University College  
Hospital, London; Author of "On the Identity or Non-  
Identity of Typhus and Typhoid Fevers," "Lectures on  
Rickets," &c., &c.*

63 BROOK STREET, GROSVENOR SQUARE, W.,  
31st July 1869.

Dr Grainger Stewart is well known to be a very able Pathologist and Clinical Physician. His numerous writings, and especially those on Bright's Diseases, prove him to be well qualified to fill the Chair of Pathology in the University of Edinburgh.

WILLIAM JENNER.

## LXXIV.

*From* W. T. GAIRDNER, Esq., M.D., F.R.C.P.E., *Professor*  
*of Practice of Physic in the University of Glasgow;*  
*formerly Pathologist to the Royal Infirmary, Edinburgh;*  
*Author of "Clinical Medicine," &c., &c.*

225 ST VINCENT STREET, GLASGOW,  
July 16, 1869.

MY DEAR DR STEWART—As my opinion and influence, *valeant quantum*, will be used on behalf of another Candidate, you will perhaps think a testimonial from me of questionable value. I can, however, have no hesitation in stating that your papers and works on subjects connected with Pathological Anatomy are well known to me, and that they show very decidedly your desire to advance this science, as well as the art of medicine. Your valuable papers on Bronchial Dilatation are perhaps less universally known than those on Diseases of the Kidneys; but in both cases, you have brought a large amount of observation, of reading, and of reflection to bear on subjects of great difficulty and importance,—with the double result of contributing to the progress of science, and increasing your own well-earned reputation as a Pathologist. —I am, yours very truly,

W. T. GAIRDNER.

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## LXXV.

*From J. F. PAYNE, Esq., M.B., B.Sc., Fellow of Magdalen College, and Examiner in Natural Science in the University of Oxford; Lecturer on Pathology in the Medical School of St Mary's Hospital, London.*

LONDON, July 23, 1869.

Dr Grainger Stewart informs me that he is a Candidate for the Professorship of Pathology in the University of Edinburgh.

I have much pleasure in stating that, in common with all those who have paid attention to the study of Pathology, I am acquainted with Dr Stewart's important researches and publications in that science, which, in my opinion, afford ample evidence as well of his original power as an investigator, as of his being thoroughly abreast of the most recent developments of Pathological science, both in our own country and on the Continent. I therefore cannot but hope, in the interest of science, that the choice of the Curators may fall upon one so eminently fitted to fill that distinguished Chair.

J. F. PAYNE.

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## LXXVI.

*From* W. H. DICKINSON, Esq., M.D. Cantab, F.R.C.P.,  
*Senior Assistant Physician and Lecturer at St George's  
 Hospital ; Physician to the Children's Hospital ;  
 formerly Pathologist to St George's Hospital ; Author  
 of " The Pathology and Treatment of the Diseases of  
 the Kidney, accompanied by Albuminuria," " The Larda-  
 ceous Waxy or Amyloid Degeneration," &c.*

11 CHESTERFIELD STREET, MAY FAIR, W.,

July 6, 1869.

Dr Grainger Stewart has long been known to me personally, through his writings, and by the report of students who have attended his class. I consider him, on the ground of his acquirements, to deserve a high place among British Pathologists, and I feel sure that he is eminently qualified to be a successful teacher, and to advance the credit and utility of a Pathological Professorship.

W. H. DICKINSON.

## LXXVII.

*From* J. L. W. THUDICUM, Esq., M.D., *Lecturer on Pathological Chemistry in St Thomas's Hospital, London ; Author of " Pathology of the Urine," " Report on the Parasitic Diseases of Animals used for Food," " Report of Medical Officer of Privy Council, 1865," &c., &c.*

3 PEMBROKE ROAD, KENSINGTON, LONDON, W.,

31st July 1869.

DEAR SIR,—I have much pleasure in stating that I am well acquainted with several of your Publications, more par-



ticularly with your practical treatise on "Bright's Diseases of the Kidneys." They all, and the latter more particularly, exhibit you as a medical inquirer of the greatest ability and success; as one who is able, not only to apply the resources of medical art which are known, but also to invent new ones, and enlarge medical science by new discoveries.

I have been more particularly pleased with the manner in which you apply to Pathology the latest discoveries of Chemistry, as in the case of Malignant Jaundice.

On these grounds more particularly, but no less on account of your very high professional standing and reputation, should I rejoice to see you occupy the Chair of Pathology in the University of Edinburgh, for which I learn with satisfaction that you are a Candidate.—I have the honour to remain, dear Sir, yours most faithfully,

J. L. W. THUDICUM.

Dr T. Grainger Stewart,  
Edinburgh.

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## LXXVIII.

*From F. CHANCE, Esq., M.B. Cantab, Fellow of the Royal College of Physicians; Translator of "Virchow's Cellular Pathology."*

CROFT LODGE, CAMBRIDGE,  
July 15, 1869.

I find abundant evidence in Dr Grainger Stewart's numerous and valuable contributions to Pathology and Medicine that he has much energy, that he is a careful and accurate observer, and that he is not only familiar with the latest researches of others, but has also, and with success, made in-



dependent investigations of his own, particularly in the department of Pathology, to which he appears more especially to have devoted himself. The qualities which I have here described as possessed by Dr Grainger Stewart, viz:—energy, accuracy of observation, industry, and originality, are the very qualities which it is, to my mind, essential that a Professor of Pathology should possess; and I have therefore no hesitation in giving it as my opinion that Dr Grainger Stewart is well qualified to fill the Chair of Pathology in the University of Edinburgh.

F. CHANCE.

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LXXIX.

*Extract from a letter from SAMUEL HENRY DICKSON, Esq., M.D., LL.D., Professor of Practice of Physic in Jefferson College, Philadelphia; Author of "Elements of Medicine: a Compendious View of Pathology and Therapeutics; or, the History and Treatment of Disease."*

PHILADELPHIA, July 22, 1869.

T. Grainger Stewart, M.D., &c.

DEAR SIR,—

You are right in taking for granted that I am familiar with your name, and have been a reader of your papers on various Pathological topics. I take pleasure in avowing that I have found them uniformly interesting and instructive. Few writers of the present day take such obvious pains to inform themselves of what has been done by others; and none avail themselves more frankly and usefully of the material furnished by their predecessors and cotemporaries.



Nor have the essays which you have contributed to Pathological science been mere compilations. Original research, accurate observation, and ingenious suggestion characterise them all.

I trust it will not be considered impertinent in me to express my confident opinion, that the Chair to which you aspire in the venerable University of Edinburgh will find in you an occupant worthy of its importance, and fully competent to the fulfilment of its responsible duties.—I remain, dear Sir, with sincere regard and cordial good wishes, your obedient servant,

SAM. HENRY DICKSON.

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LXXX.

*From W. W. KEEN, Esq., M.D., Lecturer on Pathological Anatomy at the Jefferson Medical College; Fellow of the College of Physicians, Philadelphia; Fellow of the Academy of Natural Sciences; Joint-Author, with Drs Mitchell and Morehouse, of the "Gunshot Wounds, and other Injuries of Nerves," Phila. 1864., &c., &c., &c.*

PHILADELPHIA, U.S., 4th August 1869.

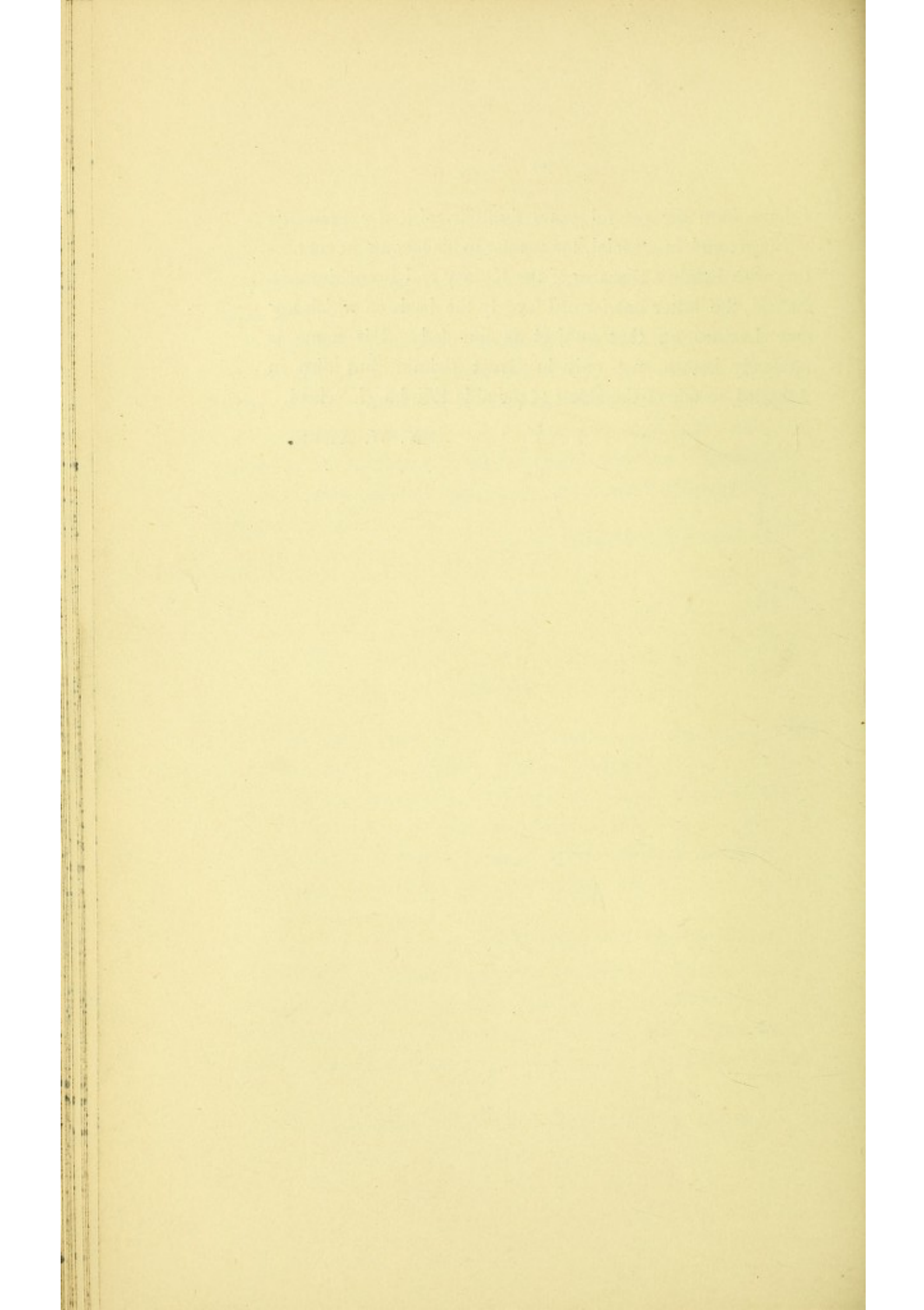
It affords me great pleasure to mention Dr T. Grainger Stewart's name in connection with the now vacant Chair of Pathology in the University of Edinburgh, and to express the hope that he may be elected to the position, which he will worthily fill.

As a fellow-worker in the field of Pathological Anatomy,

I have been for several years familiar with Dr Stewart's writings ; and, in especial, I may refer to his labours in connection with Bright's Diseases of the Kidney and Bronchiectasis. Indeed, the latter has formed largely the basis on which my own Lecture on that subject is founded. His name is familiarly known, not only in Great Britain, but also in America, as one of the ablest of the able Edinburgh School.

W. W. KEEN.





[Third Series.]

# TESTIMONIALS

IN FAVOUR OF

THOMAS GRAINGER STEWART,

M.D., EDIN.,

FELLOW AND ONE OF THE EXAMINERS OF THE ROYAL COLLEGE OF PHYSICIANS,

FELLOW OF THE ROYAL SOCIETY OF EDINBURGH,

PATHOLOGIST TO THE ROYAL INFIRMARY,

LECTURER ON PATHOLOGY AND PATHOLOGICAL ANATOMY

AT SURGEONS' HALL.

CANDIDATE

FOR THE

CHAIR OF GENERAL PATHOLOGY

IN THE

UNIVERSITY OF EDINBURGH.



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Edinburgh.*

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TO THE  
CURATORS OF THE UNIVERSITY OF  
EDINBURGH.

MY LORDS AND GENTLEMEN,

I have now the honour of submitting to you  
a Third Series of Testimonials. They express the opinions  
of Medical men eminent in Pathology or Medicine, of  
Former Pupils, and of Gentlemen who have had exceptional  
opportunity of judging of my qualifications as a Pathologist  
and Teacher of Pathology.

I have the honour to be,

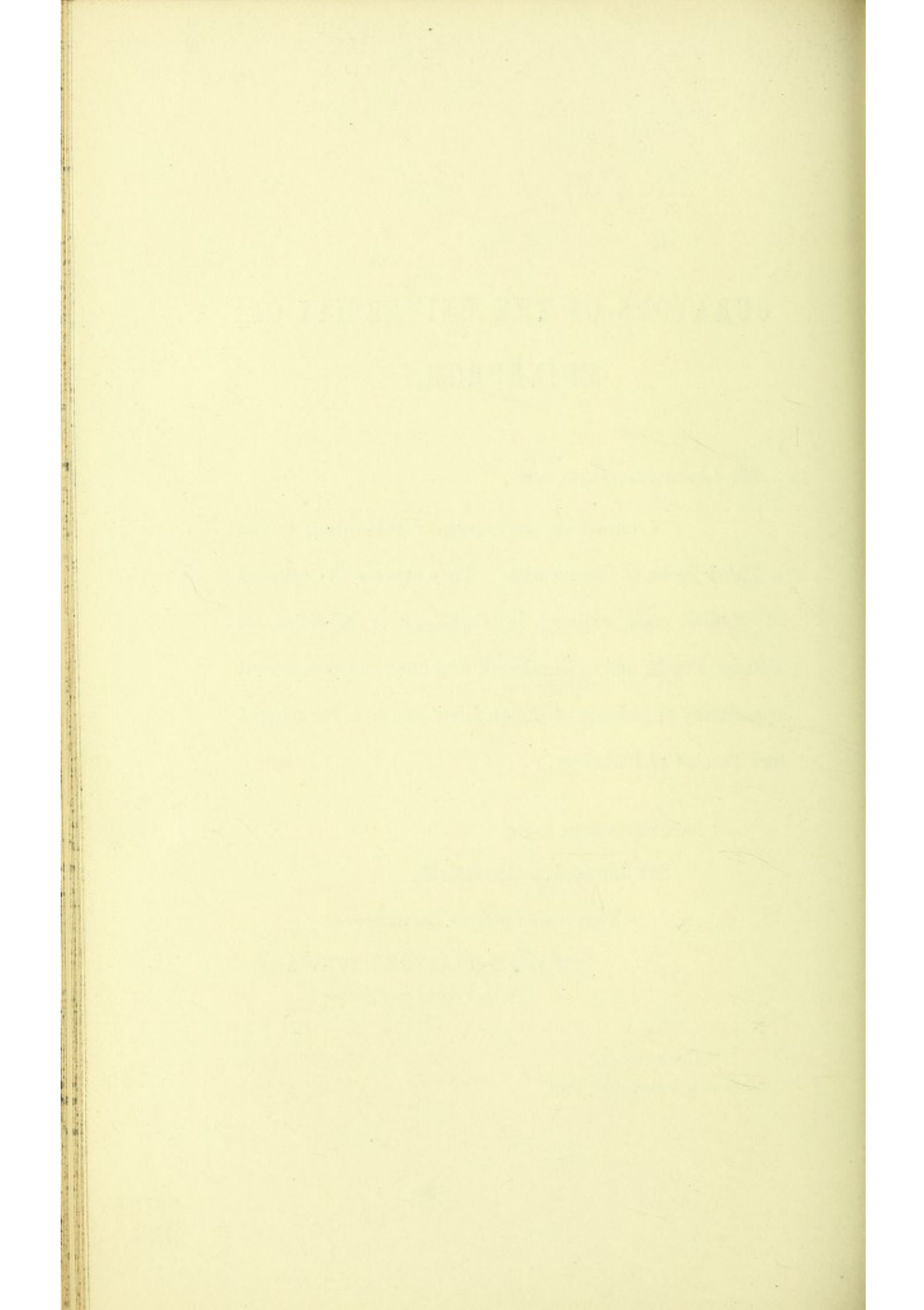
MY LORDS AND GENTLEMEN,

Your most obedient Servant,

THOMAS GRAINGER STEWART,  
M.D., F.R.C.P.E., F.R.S.E.

32 QUEEN STREET,  
EDINBURGH, *September* 16, 1869.





# CONTENTS.

	PAGE
81. From JOHN MOIR, Esq., M.D., F.R.S.E., President of the Royal College of Physicians, Edinburgh; Author of various Papers in the Edinburgh Medical Journal, . . . . .	1
82. From SIR JAMES CLARK, Bart., K.C.B., F.R.S., M.A., M.D., Honorary Fellow King and Queen's College of Physicians, Ireland; Member Royal Academy of Sciences, Göttingen; Member of Senate of the University of London; Physician in Ordinary to H.M. the Queen; Author of "Climate and its Sanative Influence on Disease," "On Consumption and Scrofulous Diseases," . . . . .	3
83. From the late JAMES BEGBIE, Esq., M.D., F.R.C.P., Physician to the Queen in Scotland; Author of "Contributions to Practical Medicine," &c., . . . . .	4
84. From DOUGLAS MACLAGAN, Esq., M.D., F.R.C.P., F.R.S.E., &c., Professor of Medicine and Medical Jurisprudence in the University of Edinburgh, . . . . .	4
85. From Dr A. WAGNER, Geheimer Medicinal Rath. und General Arzt. (Medical Privy Councillor and Physician General); Professor of Surgery in the University of Königsberg; Corresponding Member of the Medico-Chirurgical Society of Edinburgh; Author of a "Treatise on the Resection of Joints" (translated into English by the New Sydenham Society), &c., &c. . . . .	5
86. From ALEXANDER WOOD, Esq., M.D., F.R.S.E., F.R.C.P.E., formerly President of the Royal College of Physicians of Edinburgh; Member of the General Medical Council; formerly Lecturer on the Practice of Medicine; lately a Member of the Edinburgh University Court; Author of "Homœopathy Unmasked," "Rational Medicine," &c., . . . . .	7



	PAGE
87. From H. C. LOMBARD, M.D., Geneva ; Author of "Les Climats de Montagnes Considérées au point de Vue Medicale," &c., &c.,	8
88. From W. A. F. BROWNE, Esq., M.D., F.R.S.E., Commissioner in Lunacy ; Author of numerous Contributions to Psychological Medicine,	9
89. From J. Warburton BEGBIE, Esq., M.D., F.R.C.P.E., Examiner in Medicine in the University of Edinburgh ; formerly Physician in the Royal Infirmary, and Lecturer on Practice of Medicine ; Author of numerous Contributions to the Medical Journals, &c.,	9
90. From DAVID J. BRAKENRIDGE, Esq., M.D., F.R.C.P.E., Physician to the New Town Dispensary ; Author of various Medical Papers,	10
91. From ALEXANDER R. SIMPSON, Esq., M.D., F.R.C.P.E., Glasgow ; Fellow of the Faculty of Physicians and Surgeons, &c. ; Author of numerous Papers on Pathology and Medicine,	11
92. From GEORGE JOHNSON, Esq., M.D., F.R.C.P., Member of the Senate University of London ; Physician King's Coll. Hospital ; Member of the Pathological Society ; Professor of Principles and Practice of Medicine, King's College, London ; Author of a Treatise "On Diseases of the Kidneys," &c., &c.,	12
93. From BENJAMIN WARD RICHARDSON, Esq., M.A., M.D., F.R.S., F.R.C.P., President of the Medical Society of London ; Hon. Fell. of the Society of Sciences, Berlin ; Author of the Astley Cooper Prize Essay for 1856 "On Coagulation of the Blood," "Hygienic Treatment of Consumption," "The Asclepiad," "Original Researches on the Amyl Compounds," "Lectures on Practical and Scientific Medicine," &c., &c.,	13
93. From THOMAS HAWKES TANNER, Esq., M.D., M.R.C.P., M.R.C.S., F.R.S., F.Z.S., Corresponding Fellow of the Academy of Surgeons, Madrid ; Member of the Pathological Society of London ; Author of "Practice of Physic," "A Practical Treatise on the Diseases of Infancy and Childhood," "Memoranda on Poisons," "The Signs and Diseases of Pregnancy," "An Index of Diseases," &c., &c.,	14
95. From W. O. MARKHAM, Esq., M.D., F.R.C.P., F.K.Q.C.P. Ireland (Honours) ; Author of a Treatise on "Diseases of the Heart," "Translation of Skoda's Auscultation," "Gulstonian Lectures, 1864," Contributions to British and Foreign Medico-Chirurgical Review, Edinburgh Monthly Journal, &c., &c.,	15

	PAGE
96. From SOELBERG WELLS, Esq., Professor of Ophthalmology in King's College ; Ophthalmic Surgeon to King's College Hospital ; Assistant Surgeon to the Royal London Ophthalmic Hospital, Moorfields, London ; Fell. Royal Medico-Chirurgical Society ; Pathological Society, London : Author of "The Diseases of the Eye," and numerous Papers in Scientific Journals, . . . . .	15
97. From WILLIAM RUTHERFORD, Esq., M.D., F.R.S.E., Professor of Physiology in King's College, London, . . . . .	16
98. From MORELL MACKENZIE, Esq., M.D., London ; Physician to the Hospital for Diseases of the Throat, and Assistant Physician to the London Hospital ; Author of "On the Pathology and Treatment of the Larynx" (the Jacksonian Prize Essay of 1863), "Aphonia treated by the Application of Galvanism to the Vocal Cords," &c., &c., . . . . .	17
99. From JOHN CHARLES STEELE, Esq., M.D., Superintendent of Guy's Hospital, London ; Author of Treatises "On the Construction and Ventilation of Hospitals for the Sick," "Hospital Dietetics, &c., . . . . .	18
100. From GEORGE HARLEY, Esq., M.D., F.R.C.P., London and Edinburgh, F.R.S., Professor of Medical Jurisprudence, University College ; Physician to University College Hospital ; Author of "Jaundice and Diseases of the Liver and Pancreas," "Diabetes," "Albuminuria ; its Pathology and Treatment," and "Papers on Bronzed Skin," "Action of Chemical and Physical Agents on the Blood," &c., &c., . . . . .	19
101. From T. M'CALL ANDERSON, Esq., M.D., F.F.P.S., Professor of Practice of Medicine in the Andersonian University, and Physician to the Royal Infirmary, Glasgow ; Author of a Treatise "On the Parasitic Affections of the Skin," and several other Works, . . . . .	20
102. From T. CLIFFORD ALLBUTT, Esq., M.A., M.D. Cantab., F.L.S., F.S.A., &c., Physician Leeds General Infirmary ; Lecturer on Practice of Medicine, Leeds ; Author of numerous Contributions to the Medical Journals, &c., . . . . .	21
103. From FORNEAUX JORDAN, Esq., F.R.C.S., Fell. Royal Medico-Chirurgical Society ; Surgeon to the Queen's Hospital : Professor of Surgery at Queen's College, Birmingham ; Author of numerous Contributions to the Medical Journals, &c., . . . . .	22



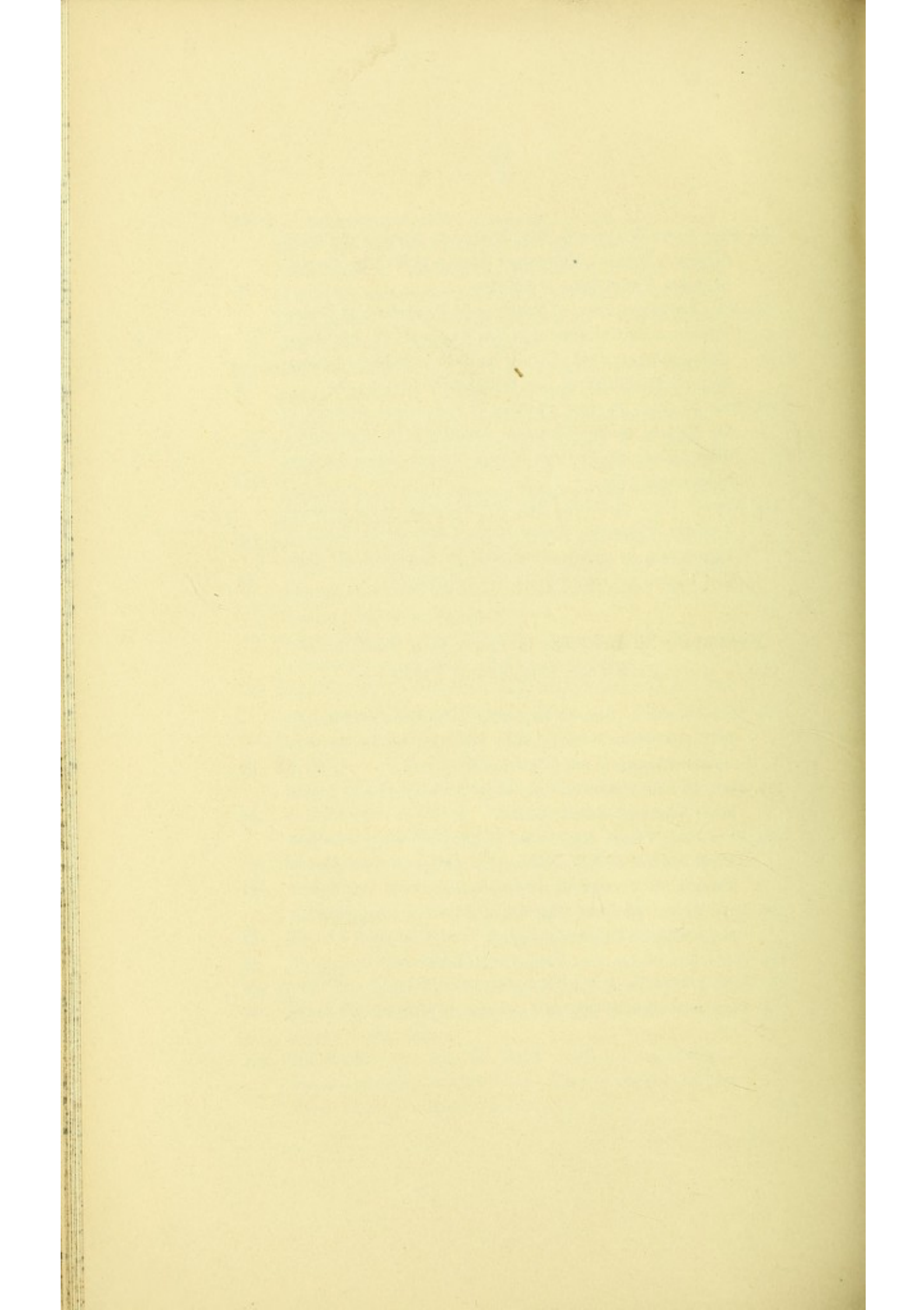
104. From THOMAS SMITH CLOUSTON, Esq., M.D., Medical Superintendent of the Cumberland and Westmoreland Asylum ; formerly Demonstrator of Anatomy, Surgeons' Hall, Edinburgh ; Author of the " Minute Anatomy and Physiology of the Nervous System of the Lobster," " Tuberculosis and Insanity," " Sewage Exhalations the cause of Dysentery," &c., &c. . . . . 23
105. From J. W. MILLER, Esq., M.D., Physician to Dundee Royal Infirmary ; Author of " Range of Temperature in Typhus and Enteric Fever," and other Contributions to Medical Journals. . . . . 24
106. From P. ADOLPHUS SIMPSON, Esq., M.A. Cantab., M.D., F.F.P.S., Professor of Medical Jurisprudence at Anderson's University ; Physician to the Royal Infirmary, Glasgow ; late Editor " Glasgow Medical Journal," &c., &c. . . . . 24
107. From J. W. WILSON, Esq., M.D., F.R.S.E., F.R.C.P.E., Professor of Midwifery in the Andersonian University, and Physician-Accoucheur to the Maternity Hospital, Glasgow ; Author of numerous Papers on Obstetric Subjects, . . . . . 25
108. From W. WILLIAMS, Esq., F.R.S.E., Principal of, and Professor of Pathology in, the Edinburgh Veterinary College, . . . . . 26
109. From J. F. SINCLAIR COGHILL, Esq., M.D., F.R.C.P.E., late Demonstrator of Anatomy, University of Glasgow, . . . . . 27
110. From ARTHUR GANGE, Esq., M.D., F.R.S.E., Assistant to the Professor of Medical Jurisprudence in the University of Edinburgh ; Examiner in Chemistry to the Royal College of Surgeons of Edinburgh ; Author of " A Memoir on the Action of Nitrites on Blood," in the Philosophical Transactions, &c., &c., . . . . . 28
111. From JOHN DUNCAN, Esq., M.A., M.D., F.R.C.S.E., late President of the Royal Medical Society ; Member of the Medico-Chirurgical Society ; formerly Demonstrator of Anatomy in the Extra-Academical School ; Author of various Contributions to the Medical Journals, . . . . . 29
112. From WM. BURNS THOMSON, Esq., F.R.C.S.E., Fellow of the Royal Physical Society, &c., &c., Superintendent Medical Missionary Training School, . . . . . 30
113. From JOHN S. BILLINGS, Esq., M.D., Brevet-Lieutenant Colonel and Assistant Surgeon, United States Army, in charge of Library, Surgeon-General's Office, Washington, . . . . . 31

	PAGE
114. From DAVID W. CHEEVER, Esq., M.D., Adj.-Professor of Clinical Surgery in Harvard University ; Surgeon to the City Hospital of Boston, United States of America, . . . . .	32
115. From FRIEDREICH THEODOR FRERICHs, M.D., Professor of Clinical Medicine in the University of Berlin ; Author of "Die Brightische Nierenkrankheit," and "Klinik der Leberkrankheiten" (translated into English by the New Sydenham Society), &c., &c., . . . . .	33
116. From MICHAEL RUDNEW, Professor of Pathological Anatomy to the Imperial Medico-Chirurgical Academy of St Petersburg ; Joint-Author, with Professor Kühne, of "Zur Chemie der Anyloidartung." Etc., . . . . .	34
117. From S. WEIR MITCHELL, Esq., M.D., Member of the National Academy of Sciences ; Fellow of the College of Physicians of Philadelphia, &c. ; Joint-Author, with Dr Morehouse, of "Gun-shot Wounds and other Injuries of the Nerves," . . . . .	35

EVIDENCE with Reference to Power as a TEACHER of  
PATHOLOGY, from Former Pupils :—

118. From GEORGE R. BARNES, Esq., M.D. (with Honours), F.R.C.P. Edinburgh, M.R.C.S., and L.S.A., F.R.M.S., London, &c., &c., Author of Papers in Scientific Journals, . . . . .	39
119. From LAUCHLAN AITKEN, Esq., M.D., Author of various Papers in the Edinburgh Medical Journal, . . . . .	40
120. From JOHN WYLLIE, Esq., M.D., M.R.C.P., formerly President Royal Medical Society, Edinburgh ; Author of a Graduation Thesis on the Functions of the Larynx, &c., . . . . .	41
121. From THOMAS HAMILTON, Esq., M.B., F.R.C.S.E., Surgeon to the North Islington Dispensary, London, . . . . .	42
122. From JOHN BISHOP, Esq., Student in Medicine, . . . . .	42
123. From J. WATERSTON, Esq., M.A., Student in Medicine, . . . . .	43
124. From D. M'GREGOR, Esq., M.A., Student in Medicine, . . . . .	44





LXXXI.

*From* JOHN MOIR, Esq., M.D., F.R.S.E., *President of the Royal College of Physicians, Edinburgh; Author of various Papers in the "Edinburgh Medical Journal."*

EDINBURGH, August 21, 1869.

To the Curators of the University of Edinburgh.

MY LORDS AND GENTLEMEN,—I cannot, under existing circumstances, refrain from stating one or two facts with regard to the claims of Dr Grainger Stewart as a Candidate for the vacant Chair of General Pathology, although I am firmly persuaded that the qualifications of aspirants to this particular Chair should be ascertained and judged of, not so much by the opinion of general practitioners, as by that of gentlemen specially engaged in the study and teaching of this branch of medicine.

Dr Grainger Stewart's claims appear to me to be—

1. That he has for seven years been Pathologist to the Royal Infirmary,—an office which necessitates the careful examination after death of all the more remarkable cases, and the drawing up reports of the Pathological appearances discovered, and which confers the chief and most valuable opportunity enjoyed in Edinburgh of becoming thoroughly and intimately acquainted with all branches of Pathological anatomy.

2. That he has, for nearly seven years, been a most success-



ful teacher of General Pathology and of Pathological Anatomy, systematic and practical, as is amply proved by the favourable opinions expressed by his former pupils.

3. That the chief Pathological authorities of Europe have laid the foundation of their greatness while occupying such positions as Dr Grainger Stewart now holds, and could not have arrived at it in any other way. That he will not prove an exception to this general rule may, I think, be inferred from the fact that, at a comparatively early age, his contributions to Pathological Science have already earned for him a distinguished position among Pathologists, not only in this country, but on the continents of Europe and America.

This is amply proved by the large number of weighty testimonials in his favour from Pathologists of the highest eminence, to whose statements and opinions I would more especially refer, as constituting the best and most reliable of all evidence as to fitness for such a Chair.

I am,

My Lords and Gentlemen,

Your very obedient servant,

JOHN MOIR, M.D.,  
President of the Royal College  
of Physicians, Edinburgh.

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## LXXXII.

*From* SIR JAMES CLARK, Bart., K.C.B., F.R.S., M.A., M.D.,  
*Honorary Fellow King and Queen's College of Physicians,*  
*Ireland ; Member Royal Academy of Sciences, Göttingen ;*  
*Member of Senate of the University of London ;*  
*Physician in Ordinary to H.M. the Queen ; Author of*  
*" Climate and its Sanative Influence on Disease," " On*  
*Consumption and Scrofulous Diseases."*

TILLYPRONIE, TARLAND,  
 ABERDEEN, August 18, 1869.

I made the acquaintance of Dr Grainger Stewart at Berlin, when he was a diligent worker in the celebrated Professor Virchow's Pathological Institution, about ten years ago. He was introduced to me by the Professor, as well qualified to explain the entire working of the Institution. Since that time, Dr Stewart has been occupied in conducting researches in Morbid Anatomy, and is the author of several esteemed works illustrating the minute structure of several important diseases. He is also stated to be a successful teacher as Lecturer on Pathology and Pathological Anatomy at Surgeons' Hall.

Viewing the extent of Dr Stewart's labours and experience, I have great confidence in recommending him as well qualified to teach General Pathology ; and have no doubt that if appointed to that Chair, he will support the high character of the University.

JAMES CLARK, M.D., F.R.S.

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## LXXXIII.

*From the late JAMES BEGBIE, Esq., M.D., F.R.C.P., Physician to the Queen in Scotland; Author of "Contributions to Practical Medicine," &c.*

EDINBURGH, 26th July 1869.

MY DEAR DR STEWART.—The well-sustained efforts you have made, during the last seven years, in the cause of Pathological science, and the success which has attended them, have brought your name before the profession as an able Pathologist.

Your position in the Royal Infirmary, your demonstrations there; your courses of lectures on Pathology; and your published writings, all testify to the superior qualifications you possess, and to the claims which you have to advancement to the vacant Chair in the University.

Believe me, yours very faithfully,

J. BEGBIE.

## LXXXIV.

*From DOUGLAS MACLAGAN, Esq., M.D., F.R.C.P., F.R.S.E., &c., Professor of Medicine and Medical Jurisprudence in the University of Edinburgh.*

28 HERIOT ROW, EDINBURGH,  
31st July 1869.

MY DEAR SIR,—I most willingly comply with your request for an expression of my opinion of your qualifications for the Chair of Pathology in the University. You have shown

yourself to be a faithful worker at this subject, and your published writings, especially on Diseases of the Kidney, show that your labours have been successful.

The value of your Pathological researches can be spoken to with much greater authority by those who are professed cultivators of Pathology, than by me ; but I may be allowed to say that, during my service in the clinical wards of the Royal Infirmary, I have always experienced at your hands able and willing co-operation, in bringing before my pupils the Pathology of our fatal cases ; and I have further to add that, if elected, you will be personally acceptable to me as a colleague in the University.—Believe me, yours faithfully,

DOUGLAS MACLAGAN.

Dr Grainger Stewart.

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LXXXV.

*From Dr A. WAGNER, Geheimer Medicinal Rath. und General Arzt. (Medical Privy Councillor and Physician General); Professor of Surgery in the University of Königsberg ; Corresponding Member of the Medico-Chirurgical Society of Edinburgh ; Author of "A Treatise on the Resection of Joints" (translated into English by the New Sydenham Society), &c., &c.*

KÖNIGSBERG, 31te Juli 1869.

Mr T. Grainger Stewart, M.D., F.R.S.E., F.R.C.P., ist mir seit einer langen Reihe von Jahren persönlich bekannt. Auf Grund einer weiten und tiefen allgemeinen medizinischen Bildung ist er durch unausgesetzte eigene Arbeit und For-



schung ein sehr ausgezeichneter Patholog geworden. Er hat sich als solcher ausser durch zahlreiche kleinere literarische Leistungen, namentlich durch sein grösseres werk "Ueber Brightische Nierenerkrankung" bewährt und seinem Namen weit über die Grenzen seines Vaterlandes den besten Klang erworben. Dr Stewart hat dabei auch bewiesen dass er den Standpunkt und die Fortschritte der Wissenschaft namentlich Deutschlands, kennen gelernt und eine umfassende Literatur-kenntniss besitzt. Da Herr Dr Stewart ausserdem ein seltenes und schon bewährtes Lehrtalent besitzt ein Vortrefflicher Arzt am Krankenbette, und ein ebenso ehrenwerther als liebenswürdiger College ist, so trage ich kein Bedenken, seine Bewerbung um den vacanten Lehrstuhl der Pathologie an der Universität Edinburgh durch meine Erklärung zu unterstützen ; dass nach meiner Meinung Niemand würdiger sein kann, denselben einzunehmen als Dr Grainger Stewart.

DR WAGNER.

*(Translation.)*

Dr Grainger Stewart, F.R.S.E., F.R.C.P., has been personally known to me for a great number of years. Founding upon an extensive and profound general medical education, he has rendered himself, by his uninterrupted original research and investigation, a very eminent Pathologist. He has proved himself such by the publication of numerous minor literary contributions, but especially by his larger work on "Bright's Diseases of the Kidney," and thus has made his name known in the most honourable way, far beyond the limits of his fatherland. Dr Stewart has also proved that he has mastered the science as it at present stands, and

has watched its progress particularly in Germany, and possesses a comprehensive knowledge of its literature. As Dr Stewart, in addition, possesses a rare and already well-tryed power as a teacher; is an accomplished Clinical physician and, as a professional brother, is alike worthy of respect and regard, I cannot believe that any word of mine can render more certain his election to the vacant Chair of Pathology in the University of Edinburgh; and I am sure that, in my opinion, no one can better deserve it than Dr Grainger Stewart.

DR WAGNER.

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#### LXXXVI.

*From* ALEXANDER WOOD, Esq., M.D., F.R.S.E., F.R.C.P.E.,  
*formerly President of the Royal College of Physicians of  
 Edinburgh; Member of the General Medical Council;  
 formerly Lecturer on the Practice of Medicine; lately a  
 Member of the Edinburgh University Court; Author of  
 "Homœopathy Unmasked," "Rational Medicine," &c.*

10 ST COLME STREET, EDINBURGH,  
 14th August 1869.

Dr Thomas Grainger Stewart is well known as an accomplished Physician, who has contributed several valuable monographs to medicine.

He has for seven years had the rare advantage of being Pathologist to the Royal Infirmary, and has very successfully taught Pathological Anatomy to the students attending the Infirmary.



He has undoubtedly strong claims to offer himself for the Chair of General Pathology in the University, of the subjects taught from which, Morbid Anatomy is not the least important.

ALEXANDER WOOD.

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LXXXVII.

*From H. C. LOMBARD, M.D., Geneva; Author of "Les Climats de Montagnes considérées au point de Vue Médicale," &c., &c.*

GENEVA, 22d July 1869.

I consider Dr Grainger Stewart as being specially fit for the Professorship of Morbid Anatomy. His studies at the Royal Infirmary, and the situation which he holds there, have been certainly the means of giving him all the requisite information on the subject of Pathological Anatomy. His studies abroad have made him familiar with the Continental researches, and his publication on Bright's Disease has shown what he knows on this important question; and his habit of lecturing has prepared him for a more extensive application of his faculties, in the shape of a Professorship in the far-famed University of Edinburgh.

H. C. LOMBARD.

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## LXXXVIII.

*From W. A. F. BROWNE, Esq., M.D., F.R.S.E., Commissioner in Lunacy; Author of numerous Contributions to Psychological Medicine.*

GENERAL BOARD OF LUNACY,  
EDINBURGH, 25th August 1869.

I have known Dr Grainger Stewart for many years, and have regarded him as a diligent and successful cultivator of Medical Science. He has, however, other and more special claims upon consideration. He has acted as Demonstrator in Pathology in connection with the Royal Infirmary here, and has, I believe, delivered a systematic course of Lectures upon the subject, surrounding himself with a large body of zealous students. His work on Bright's Disease has made him widely known and appreciated by his fellow-labourers in the same department on the Continent and in America.

W. A. F. BROWNE.

## LXXXIX.

*From J. WARBURTON BEGBIE, Esq., M.D., F.R.C.P.E., Examiner in Medicine in the University of Edinburgh; formerly Physician in the Royal Infirmary, and Lecturer on Practice of Medicine; Author of numerous Contributions to the Medical Journals, &c.*

EDINBURGH, 8th August 1869.

Dr T. Grainger Stewart has filled the very important position of Pathologist to the Royal Infirmary during a period of seven years, and has lectured for a similar time on



General Pathology. While discharging these duties with eminent ability and success, Dr Stewart has conducted several important investigations, and has been able to enlarge, by original research, the bounds of Pathological knowledge. Dr Stewart's name is well known, in connection more especially with his observations on Diseases of the Kidney, upon which subject he has recently published an interesting and instructive treatise.

Of Dr Stewart's other contributions to Pathology, it may be said that they afford abundant evidence of his aptitude for, and success in, the investigation of Morbid Structures.

J. WARBURTON BEGBIE.

# XC.

*From* DAVID J. BRAKENRIDGE, Esq., M.D., F.R.C.P.E.,  
*Physician to the New Town Dispensary; Author of various*  
*Medical Papers.*

63 CASTLE STREET,  
 EDINBURGH, 6th Sept. 1869.

I have much pleasure in stating that I consider Dr Grainger Stewart eminently qualified to fill the Chair of Pathology in the University of Edinburgh.

From an early period of his life, he has devoted himself enthusiastically to the study of Pathology; and, as Pathologist to the Royal Infirmary since 1862, he has enjoyed rare opportunities of mastering and advancing the subject of his choice. How energetically and successfully he has availed himself of those opportunities, is shown by the numerous and valuable contributions to Pathological Science which he has

produced within a comparatively short period, and the high rank among Pathologists to which he has consequently already attained.

As a teacher, he has been remarkably successful, conveying to his pupils—as I have often heard them say—in a powerful, logical, and attractive manner, those invaluable practical instructions in Pathological Anatomy to which he attaches so great importance.

Considering the work he has already done, his method of and success in teaching, together with the amount of energy and enthusiasm which, as a comparatively young man, he still possesses, it appears to me that his election to the Chair of Pathology would be highly advantageous to the Medical School in the University of Edinburgh.

DAVID J. BRAKENRIDGE.

# XCI.

From ALEXANDER R. SIMPSON, Esq., M.D., F.R.C.P.E.,  
Glasgow; *Fellow of the Faculty of Physicians and Surgeons, &c.; Author of numerous Papers on Pathology and Medicine.*

1 BLYTHSWOOD SQUARE, GLASGOW,  
9th July 1869.

Dr T. Grainger Stewart seems to me to be qualified in no ordinary degree to fill the Chair of Pathology in the University of Edinburgh.

Naturally gifted with talents of a very high order, he has applied himself all along with the utmost devotion to the pursuit of the medical sciences, and after a distinguished



career as a student, he went abroad to prosecute his special studies in the best schools on the Continent, and under the ablest Professors of Pathology.

As Pathologist to the Royal Infirmary of Edinburgh for about seven years, he has had ample opportunities, of which he has diligently availed himself, of following out his favourite pursuit, and of making original researches, which he has published from time to time,—which have gained for him a foremost place among the Pathologists of the day.

Both in his practical courses of instruction in the Royal Infirmary, and in his systematic lectures in the extra-academical school of medicine, he has already proved himself to be such a zealous and successful teacher, that we have every guarantee that the honours and efficiency of the University Chair would be in the safest keeping in the hands of Dr Grainger Stewart.

ALEX. R. SIMPSON.

## XCII.

*From* GEORGE JOHNSON, Esq., M.D., F.R.C.P., *Member Senate University of London ; Hon. Fell. King's Coll. Hospital ; Member of the Pathological Society ; Professor of Principles and Practice of Medicine, King's College, London ; Author of a Treatise " On Diseases of the Kidneys," &c., &c.*

11 SAVILE ROW, LONDON, W.,  
5th July 1869.

Dr Grainger Stewart has been known to me for some years through his writings, as a zealous, able, and successful cultivator of Pathological science.

In particular, he has made important original contributions to the Pathology of the Liver and Kidney. I consider Dr Stewart to be eminently well qualified for the Chair of Pathology in the University of Edinburgh.

GEORGE JOHNSON, M.D.

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XCIH.

*From* BENJAMIN WARD RICHARDSON, Esq., M.A., M.D.,  
F.R.S., F.R.C.P., *President of the Medical Society of  
London; Hon. Fell. Society of Sciences, Berlin; Author of the Astley Cooper Prize Essay for 1856  
"On Coagulation of the Blood," "Hygienic Treatment  
of Consumption," "The Asclepiad," "Original Re-  
searches on the Amyl Compounds," and "Lectures on  
Practical and Scientific Medicine," &c, &c.*

12 HINDE STREET,  
LONDON, July 5th, 1869.

DEAR SIR,—I bear testimony, with much pleasure, to your distinguished and well-earned position as a Pathologist.

Your valuable and valued writings are sure evidence of your culture. They are writings from which we all learn, and I could wish no better fortune for students in Pathology of the University of Edinburgh, than that they should have you for their teacher.—I am, dear Sir, most truly yours,

B. W. RICHARDSON.

Dr T. Grainger Stewart.



## XCIV.

From THOMAS HAWKES TANNER, Esq., M.D., M.R.C.P.,  
M.R.C.S., F.L.S., F.Z.S., *Corresponding Fellow of the  
Academy of Surgeons, Madrid; Member of the Patho-  
logical Society of London; Author of "Practice of  
Physic," "A Practical Treatise on the Diseases of  
Infancy and Childhood," "Memoranda on Poisons,"  
"The Signs and Diseases of Pregnancy," "An Index  
of Diseases," &c., &c.*

9 HENRIETTA STREET,

CAVENDISH SQUARE, LONDON, W., 5th July 1869.

The Chair of Pathology in the University of Edinburgh being vacant, it gives me very great pleasure to bear my testimony to the eminent fitness of Dr Grainger Stewart for this Professorship. Reviewing this gentleman's extensive acquirements, and considering the highly important contributions he has made to medical science, I cannot imagine a more eligible and deserving candidate than Dr Stewart. His work on Bright's Disease has not only attracted the attention of all students of medical literature in this country, but is also regarded as a most valuable treatise by American and German physicians.

As Pathologist to the Royal Infirmary, and Lecturer on Pathology at Surgeons' Hall, Dr Grainger Stewart has given abundant evidence of his fitness to take the highest honours in our profession; and, on these grounds, I hold that his election to such an important Chair as that now vacant will tend to raise still higher the high character of the University of Edinburgh.

For the good of the University, as well as for his own sake, Dr Grainger Stewart has my warmest wishes for his success.

T. H. TANNER.

## XCV.

From W. O. MARKHAM, Esq., M.D., F.R.C.P., F.K.Q.C.P.  
Ireland (Honours); *Author of a Treatise on "Diseases of the Heart," "Translation of Skoda's Auscultation," "Gulstonian Lectures, 1864," Contributions to British and Foreign Medico-Chirurgical Review, Edinburgh Monthly Journal, &c., &c.*

LONDON, 6th July 1869.

I have personally known Dr Grainger Stewart for the last fifteen years, and am well acquainted with his works in the field of Pathology. His long and ardent devotion to this subject, his successful prosecution of it; the position of Lecturer on Pathology, and of Pathologist to the Royal Infirmary of Edinburgh, which he has held for many years, fully justify me in expressing the opinion that Dr Grainger Stewart is fully qualified to successfully fill the Chair of Pathology of the University of Edinburgh.

W. O. MARKHAM.

## XCVI.

From SOELBERG WELLS, Esq., *Professor of Ophthalmology in King's College; Ophthalmic Surgeon to King's College Hospital; Assistant Surgeon to the Royal London Ophthalmic Hospital, Moorfields, London; Fell. Royal Medico-Chirurgical Society; Pathological Society, London; Author of "The Diseases of the Eye," and numerous Papers in Scientific Journals.*

16 SAVILE ROW, LONDON, W.,

July 5, 1869.

Having enjoyed a long and intimate friendship with Dr Grainger Stewart, and feeling great admiration for his very



high attainments, both as a Pathologist and a Physician, I have much pleasure in stating how eminently qualified I believe him to be, to fill the Chair of Pathology in the University of Edinburgh.

He has enjoyed very rare and exceptional opportunities of acquiring a profound knowledge of Pathological Anatomy, both in Edinburgh, and abroad in Berlin and Vienna, under Virchow and Rokitansky. How thoroughly he has availed himself of these advantages is sufficiently proved by his great success as a lecturer on this subject at Surgeons' Hall, and by the high position which he has already attained in European Medical Literature, through his numerous important papers, and more especially through his work on the Kidney.

Should he be elected Professor of Pathology, I feel sure that he will not only earn great personal distinction, but assist materially in maintaining the high renown of the University.

SOELBERG WELLS.

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## XCVII.

*From WILLIAM RUTHERFORD, Esq., M.D., F.R.S.E., Professor  
of Physiology in King's College, London.*

14 MAITLAND STREET, EDINBURGH,  
24th July 1869.

Dr Thomas Grainger Stewart possesses, in my opinion, very high qualifications for the Chair for which he is now a Candidate. He is fully acquainted with the latest researches in Pathology. His admirable work on Bright's Diseases; his papers on Bronchiectasis, Acute Atrophy of the Liver and

the corresponding change in the Kidney, &c., have amply proved him to be a Pathologist of the first rank, and have gained for him a world-wide reputation. In the position as Pathologist to the Royal Infirmary, which he has held for a number of years, he has had the best opportunities for becoming acquainted with Morbid Anatomy, and his published papers prove that he has not been slow to avail himself of the great advantages which such a position confers. He has taught General Pathology and Morbid Anatomy for six years. I regret to say that I have not heard him lecture; but, from the testimony of many of his students, I have been led to believe that his teaching is very successful.

Excelling thus in knowledge, originality, and power of giving instruction, his claims appear to me to be of the highest order.

WILLIAM RUTHERFORD.

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### XCVIII.

*From* MORELL MACKENZIE, Esq., M.D. London; *Physician to the Hospital for Diseases of the Throat, and Assistant Physician to the London Hospital; Author of "On the Pathology and Treatment of Diseases of the Larynx" (the Jacksonian Prize Essay of 1863), "Aphonia treated by the Application of Galvanism to the Vocal Cords," &c., &c.*

13 WEYMOUTH STREET, PORTLAND PLACE, W.

July 11, 1869.

I have much pleasure in bearing my humble testimony to the very high position Dr T. Grainger Stewart occupies as a Pathologist. His most valuable investigations in Morbid His-



tology have secured him a European reputation, and his appointment to the Chair of Pathology at the University of Edinburgh would shed fresh lustre on its celebrated school of medicine.

MORELL MACKENZIE.

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XCIX.

*From* JOHN CHARLES STEELE, Esq., M.D., *Superintendent of Guy's Hospital, London; Author of Treatises "On the Construction and Ventilation of Hospitals for the Sick," "Hospital Dietetics," &c.*

GUY'S HOSPITAL,  
LONDON, S.E., 6th July 1869.

I am glad of the opportunity of bearing testimony to Dr Grainger Stewart's special fitness for the office of Professor of Pathology to the Edinburgh University, as I can speak of him in the highest terms, not only as an eminent Pathologist, but as a zealous and successful teacher and cultivator of medical science.

His published observations on various subjects of Pathological interest, and especially his important researches in connexion with the amyloid disease, have gained for him a high position among the first Pathologists of the day; and there are few men of his years who have done so much to increase the reputation of the Edinburgh School of Medicine.

Dr Stewart's antecedents appear to me to form the very best training for the office which he aspires to fill. After a lengthened study in the best medical schools of the Continent, he has filled with success various appointments in his native

city ; and the universal estimation in which he is held as a Pathologist by the most eminent men of the profession, shows that he has claims on the favourable consideration of the Curators of the University, second to none who may apply for the vacant office.

From these facts, and from a personal knowledge of his character, I feel confident that if Dr Stewart is appointed to the Chair of Pathology, he will infuse new vigour into the department, and contribute materially by his exertions to promote the fame of the Edinburgh University.

JOHN C. STEELE.

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C.

*From* GEORGE HARLEY, Esq., M.D., F.R.C.P., London and Edinburgh, F.R.S., *Professor of Medical Jurisprudence University College ; Physician to University College Hospital ; Author of "Jaundice and Diseases of the Liver and Pancreas," "Diabetes," "Albuminuria : its Pathology and Treatment," and "Papers on Bronzed Skin," "Action of Chemical and Physical Agents on the Blood," &c., &c.*

25 HARLEY STREET, CAVENDISH SQUARE, W.,  
8th July 1869.

Although I have not the pleasure of being personally acquainted with Dr T. Grainger Stewart, I have no hesitation in complying with his request of stating my opinion regarding his fitness for the Chair of Pathology in the University of Edinburgh, for I have frequently perused, with both pleasure and profit, his published writings in this department of medical science.



Dr Grainger Stewart is an original worker, whose future is full of promise ; and, if elected to the post he now solicits, he will, I have no doubt, creditably maintain its reputation.

GEORGE HARLEY.

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CI.

*From T. M'CALL ANDERSON, Esq., M.D., F.F.P.S., Professor of Practice of Medicine in the Andersonian University, and Physician to the Royal Infirmary, Glasgow ; Author of a Treatise "On the Parasitic Affections of the Skin," and several other Works.*

1 WOODSIDE CRESCENT, GLASGOW.

July 5, 1869.

An intimate acquaintance with Dr Grainger Stewart has afforded me unusual opportunities for judging of his fitness for the Chair of General Pathology in the University of Edinburgh.

He has had the advantage of an excellent general and professional education, both in this country and on the Continent of Europe ; he is a true student in the highest acceptance of the term ; and has cultivated his abilities, which are of no mean order, to the utmost.

He has for a long time directed his attention very specially to Pathology, and has for some years held the offices of Pathologist to the Edinburgh Royal Infirmary, and of Lecturer on Pathology in the Royal College of Surgeons.

The records of medicine show that he has fully availed himself of such splendid opportunities, and both in this country and on the Continent he is held in high estimation

by those best qualified to judge ; and is admitted by all to have done good service in advancing our knowledge of Pathology, and notably with regard to certain diseases of the kidney.

As a lecturer, he is everything that could be desired.

On these grounds, I feel sure that his appointment to the vacant Chair would give the highest satisfaction to all who are interested in the progress of medical science.

T. M'CALL ANDERSON.

## CII.

*From* T. CLIFFORD ALLBUTT, Esq., M.A., M.D. Cantab,  
F.L.S., F.S.A., &c., *Physician Leeds General Infirmary ;*  
*Lecturer on Practice of Medicine, Leeds ; Author of*  
*numerous Contributions to the Medical Journals, &c.*

38 PARK SQUARE,  
LEEDS, July 8, 1869.

To the Curators of the University of Edinburgh.

GENTLEMEN,—Dr Grainger Stewart has paid me the compliment of asking me to testify to his fitness for the now vacant Chair of Pathology in your University.

I do this the more easily, as, not having the pleasure of Dr Stewart's personal acquaintance, I am able, therefore, to write the more strongly in his favour, simply on the ground of his admirable contributions to the science of Pathology.

Dr Stewart has been known for several years to the profession as Pathologist to your Infirmary, and as Lecturer on Pathology. During this time he has done excellent work, and has published very valuable papers upon Morbid Anatomy.



His papers upon Diseases of the Kidney have especially commanded the attention of his brother medical men, and have most justly gained for him a considerable reputation. I know not what other candidates there may be for the Chair of Pathology, but I honestly believe that if the University authorities can secure the services of Dr Stewart, they will associate with themselves a man of science, whose industry and ability cannot fail to perpetuate the fame of the brilliant Professoriate.—I have the honour to be, Gentlemen, your obedient servant,

T. CLIFFORD ALLBUTT.

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CIII.

*From FORNEAUX JORDAN, Esq., F.R.C.S., Fell. Royal Medico-Chirurgical Society; Surgeon to the Queen's Hospital; Professor of Surgery at Queen's College, Birmingham; Author of numerous Contributions to the Medical Journals, &c.*

16 COLMOR ROW,  
BIRMINGHAM, July 10, 1869.

Dr Grainger Stewart has already made for himself a high position among Pathologists; and I believe that the reputation of the University of Edinburgh would not be maintained merely, but would be enhanced, by his election to the Chair of Pathology.

FORNEAUX JORDAN.

## CIV.

*From* THOMAS SMITH CLOUSTON, Esq., M.D., *Medical Superintendent of the Cumberland and Westmoreland Asylum; formerly Demonstrator of Anatomy, Surgeons' Hall, Edinburgh; Author of the "Minute Anatomy and Physiology of the Nervous System of the Lobster," "Tuberculosis and Insanity," "Sewage Exhalations the Cause of Dysentery," &c., &c.*

CUMBERLAND AND WESTMORLAND ASYLUM,  
GARLANDS, CARLISLE,  
7th August 1869.

I have known Dr T. Grainger Stewart for many years, and have read his medical works. In common with most of his professional brethren, whose tastes and studies have lain in the direction of Pathological work, I have formed the very highest opinion of Dr Stewart's learning, his great industry, his scientific instincts, his power of original research, and his clearness of teaching. His training and his opportunities of work have been such as few men have had, and his success as a teacher and an investigator have been fully equal to the very high expectations formed of him. I am of opinion that, if Dr Grainger Stewart is appointed to the Chair of Pathology in the University of Edinburgh, he will be a most successful teacher, and will do honour to our ancient University.

T. S. CLOUSTON.

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## CV.

*From J. W. MILLER, Esq., M.D., Physician to Dundee Royal Infirmary; Author of "Range of Temperature in Typhus and Enteric Fever," and other Contributions to Medical Journals.*

DUNDEE, 7th July 1869.

It is with great pleasure that I avail myself of this opportunity to express the very high opinion which I entertain of Dr Grainger Stewart. Although comparatively so young a man, he has already, by his publications and otherwise, attained to such a position of distinction in his profession, as to justify very high expectations regarding his future career.

I have every confidence that, should he prove successful in his Candidature for the Chair of Pathology in the University of Edinburgh, he will be found equal to the responsibilities attaching to so high an appointment.

J. W. MILLER.

## CVI.

*From P. ADOLPHUS SIMPSON, Esq., M.A. Cantab., M.D., F.F.P.S., Professor of Medical Jurisprudence at Anderson's University; Physician to the Royal Infirmary, Glasgow; late Editor "Glasgow Medical Journal," &c., &c.*

8 BRANDON PLACE,  
GLASGOW, 6th July 1869.

It affords me great pleasure to have an opportunity of expressing the high estimate which I have formed of Dr

Grainger Stewart, not only as an accomplished Physician, but also as a zealous worker in the field of Pathology.

During the last seven years, he has discharged the duties of Pathologist at the Edinburgh Royal Infirmary with remarkable ability and conspicuous success. His writings in connection with the morbid anatomy of Bright's Disease, as well as his investigations upon Renal Pathology in general, constitute a testimonial more eloquent than words.

I know that Dr Stewart possesses all the requisites of an admirable teacher,—great force of character, accurate and extensive knowledge, and those powers of illustration and expression which are requisite to render the reception of that knowledge a pleasure, and not a task, to the student.

Should Dr Stewart be appointed to the vacant Pathology Chair, I am convinced he would add lustre to the University of Edinburgh.

P. ADOLPHUS SIMPSON.

## CVII.

*From J. G. WILSON, Esq., M.D., F.R.S.E., F.R.C.S.E.,  
Professor of Midwifery in the Andersonian University ;  
and Physician-Accoucheur to the Maternity Hospital,  
Glasgow ; Author of numerous Papers on Obstetric  
Subjects.*

WOODSIDE CRESCENT, GLASGOW.

6th July 1869.

I have the greatest pleasure in bearing testimony to the eminent qualifications of Dr Grainger Stewart for the Chair of Pathology, now vacant, in the University of Edinburgh. Dr Stewart has, for several years, made Pathology a subject



for special study. He has laboured earnestly and successfully in the field of Pathological investigation and research, as his numerous contributions to this important subject sufficiently attest. Few physicians have done more to advance our knowledge, and enrich the literature of Pathology, than Dr Stewart.

I am convinced that the appointment of Dr Stewart to the vacant Chair would prove a great acquisition to the University of Edinburgh.

J. G. WILSON.

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### CVIII.

*From W. WILLIAMS, Esq., F.R.S.E., Principal of and Professor of Pathology in the Edinburgh Veterinary College.*

VETERINARY COLLEGE, EDINBURGH,  
August 16, 1869.

Upon my appointment, in 1867, to the Veterinary College, I became desirous of studying the *style* of the most successful teachers of human medicine, and for this purpose I had the privilege of attending the lectures (amongst others) of Dr Grainger Stewart.

His method of teaching is extremely simple, clear, fluent, and precise, and the information conveyed accurate, extensive, and well digested.

W. WILLIAMS.

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## CIX.

*From J. F. SINCLAIR COGHILL, Esq., M.D., F.R.C.P.E., late  
Demonstrator of Anatomy, University of Glasgow.*

EDINBURGH, 1st September 1869.

Although educated in and a graduate of the University of Edinburgh, I have had considerable and intimate experience of the working men of other medical schools, and I have no hesitation in expressing my opinion of the eminent qualifications of Dr Grainger Stewart for the Chair of General Pathology in our University. I have known him from his earliest student days, and from our professional predilections lying much in the same direction, I know how soon and how earnestly he took up the line of study which he has since followed with such distinguished success. The bent of his professional education, his connection with the Infirmary as Pathologist, his well known reputation as a writer on Pathological subjects, and his experience as a teacher of General Pathology in the Extra-Academical School, has, in my opinion, given him special claims on the suffrages of the Patrons of the appointment which he now seeks.

An absence of eight years in a distant part of the world enables me to express thus my opinion of Dr Stewart the more freely, that it is uninfluenced by any local or party feeling. Long before returning to this country, I had come to regard Dr G. Stewart as the man above all others who would most worthily and appropriately fill the Chair of Pathology in the University, in the event of its becoming at any time vacant.

J. F. SINCLAIR COGHILL.



## CX.

*From* ARTHUR GAMGEE, Esq., M.D., F.R.S.E., *Assistant to the Professor of Medical Jurisprudence in the University of Edinburgh; Examiner in Chemistry to the Royal College of Surgeons of Edinburgh; Author of "A Memoir on the Action of Nitrites on Blood," in the Philosophical Transactions, &c., &c.*

UNIVERSITY OF EDINBURGH,  
24th July 1869.

Dr Grainger Stewart is undoubtedly one of the very few physicians in Great Britain who, by the special direction of his studies, by taking advantage of the opportunities at his disposal, and by excellent original investigations, can be considered entitled to seek the responsible post of Professor of Pathology in the University of Edinburgh.

Dr Grainger Stewart's lengthened period of study in the School of Berlin, under the tuition of the distinguished Virchow, added to a very great liking to the study of Pathological Anatomy, placed him in the most favourable conditions for profiting from the immense mass of facts which have come under his notice since he became, now many years ago, Pathologist to the Royal Infirmary.

That post is one of the most onerous which can fall to the lot of any man; and Dr Stewart must have made good use of it, to have been enabled to produce as many excellent monographs on Pathological Anatomy. In addition to many papers, he published last year a book on "Bright's Diseases of the Kidney," which, though appearing shortly after Dr Dickinson's most interesting book on the same subject, must have

been hailed by all physicians as representing very decided progress in our knowledge of this most interesting group of diseases.

Dr Stewart has for many years lectured on Pathology in this School. Having several years since attended one of his summer courses of lectures on Morbid Anatomy, I can confidently assert that I was most highly impressed by the intelligence and erudition which he displayed, and by the interesting manner in which he conducted the work of the class,—and which led me to consider his teaching powers to be of a decidedly high order.

ARTHUR GAMGEE.

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CXI.

*From JOHN DUNCAN, Esq., M.A., M.D., F.R.C.S.E., late President of the Royal Medical Society; Member of the Medico-Chirurgical Society; formerly Demonstrator of Anatomy in the Extra-Academical School; Author of various Contributions to the Medical Journals.*

12 HERIOT ROW,  
19th July 1869.

I have great pleasure in testifying to Dr Stewart's ability, and the excellence of the work he has done. There are few who, in the same time, have accomplished so much sound and important research. The list of his papers, almost all of a Pathological character, shows the extent of the field he has



occupied, and an examination of them gives proof of the greatest industry, experience, and ability. As a teacher of Pathology and Morbid Anatomy, he has attracted to his lectures large numbers of students,—sufficient evidence of his power to convey instruction in that important branch of the profession.

JOHN DUNCAN.

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CXII.

*From WM. BURNS THOMSON, Esq., F.R.C.S.E., Fellow of the Royal Physical Society, &c., &c., Superintendent Medical Missionary Training School.*

GEORGE SQUARE, EDINBURGH,  
August 1869.

About ten years ago Dr T. Grainger Stewart was one of the Medical Officers of this Institution, and here he began his career as a Lecturer. I can testify that gentlemen, now filling positions of influence in the profession, refer with thankfulness to the benefit they derived from his instructions at that time.

In a few years Dr Stewart has made himself favourably known as a Pathologist, both at home and abroad, which is a clear testimony to his industry and capacity; and, if this eminence has been attained long before the doctor has reached his prime, there is surely good ground to argue for him a distinguished future.

It seems natural that the only young physician in the city who has specially devoted himself to Pathology, and who in

a short time has gained honourable distinction in his peculiar walk, should present his claims to preferment with no small measure of hopefulness.

It is not unimportant to remark that Dr Stewart has all along been interested in the moral and spiritual welfare of the gentlemen under his tuition, and I know this interest has been much appreciated both by students and others.

As I had the privilege of attending Dr Stewart's lectures this summer, and also his class for Practical Pathology in the Infirmary, I might write much in his favour, but content myself with saying that, to me, his instructions were interesting and valuable.

WM. BURNS THOMSON.

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CXIII.

*From JOHN S. BILLINGS, Esq., M.D., Brevet Lieutenant-Colonel and Assistant-Surgeon, United States Army, in charge of Library, Surgeon-General's Office, Washington.*

WAR DEPARTMENT,  
SURGEON-GENERAL'S OFFICE,  
WASHINGTON, U.S., July 6, 1869.

I have carefully read a treatise on "Bright's Diseases of the Kidneys," by Dr T. Grainger Stewart, F.R.S.E., &c., and consider it a valuable addition to medical literature, and specially so in the department of Pathological Anatomy.

Dr Stewart has been known to me by reputation for several years, as one of the modern School of Pathologists, of which



Virchow may be said to be the leading representative ; and it is by such work as he has done, that the science of medicine is to be advanced and perfected.

It is to be hoped that he will continue his investigations, and that he will have opportunities for obtaining material and data, which he has shown that he well knows how to make use of.

JOHN S. BILLINGS.

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CXIV.

*From* DAVID W. CHEEVER, Esq., M.D., *Adj.-Professor of Clinical Surgery in Harvard University ; Surgeon to the City Hospital of Boston, United States of America.*

BOSTON, MASS., U.S. OF AMERICA,  
20th July 1869.

GENTLEMEN,—I am happy to testify to the reputation of Dr T. Grainger Stewart, of Edinburgh, as a Pathologist, and that his writings on Bright's Diseases and other subjects are well known and appreciated here.—Very respectfully,

DAVID W. CHEEVER.

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## CXV.

*From* FRIEDREICH THEODORE FRERICHS, M.D., *Professor of Clinical Medicine in the University of Berlin; Author of "Die Brightische Nierenkrankheit," and "Klinik der Leberkrankheiten" (translated into English by the New Sydenham Society), &c., &c.*

BERLIN, 14 Aug. 1869.

Die Arbeiten des Herrn Dr T. Grainger Stewart über Wachsniere, über Bronchiectasie, über Blutung in Folge von wachsartiger Degeneration, über Gastritis phlegmonosa mit Entzündung und Gangrän der Gallenblase, habe ich mit grossem interesse gelesen und Manches daraus entnommen, was ich als neu und den Fortschritt fördernd bezeichnen muss.

DR F. TH. FRERICHS.

(*Translation.*)

I have read with great interest the works of Dr Grainger Stewart on Waxy Degeneration of the Kidney, Bronchiectasis, the relation of Hemorrhage to the Waxy Degeneration, and a case of Gastritis Phlegmonosa, with inflammation and gangrene of the gall bladder. I have made many excerpts from them of matters which I regard as new, and must designate as furthering the progress of science.

DR F. TH. FRERICHS.



## CXVI.

*From* MICHAEL RUDNEW, *Professor of Pathological Anatomy to the Imperial Medico-Chirurgical Academy of St Petersburg ; Corresponding Member of the Medico-Chirurgical Society of Edinburgh ; Joint-Author, with Professor Kühne, of " Zur Chemie de Amyloidentartung," etc.*

August 18, 1869.

With very great pleasure I hasten to express my opinion regarding the qualifications of Dr Stewart for the Chair of Pathology in the University of Edinburgh. Dr Stewart is known to me personally, as well as through his numerous contributions on Pathological Anatomy. He is known to me as a very eminent teacher. His courses of Practical Pathological Histology, which he delivered in the University of Edinburgh, and which I attended, are of very great importance. By his courses, Morbid Anatomy became, in the Medical School of Edinburgh, so popular, interesting, and instructive, that the classes were composed not only of medical pupils, but of the very best students from the University.

I am sure that, if Dr Stewart is elected to the Chair of Pathology, he will confer great benefits upon the students, and increase the reputation of Edinburgh's School of Medicine.

As regards Stewart's scientific labours, his researches on Morbid Anatomy show the character of original investigations. His researches upon the diseases of the lungs, liver, and kidneys, as well as descriptions of several tumours, have brought him a high reputation in the foreign literature ; therefore, I should consider Dr Stewart to be exceedingly well qualified for the appointment of Professor of Pathology.

M. RUDNEW,  
Prof. at St Petersburg.

## CXVII.

*From S. WEIR MITCHELL, Esq., M.D., Member of the National Academy of Sciences ; Fellow of the College of Physicians of Philadelphia, &c.; Joint-Author, with Dr Moorehouse, of " Gunshot Wounds and other Injuries of the Nerves."*

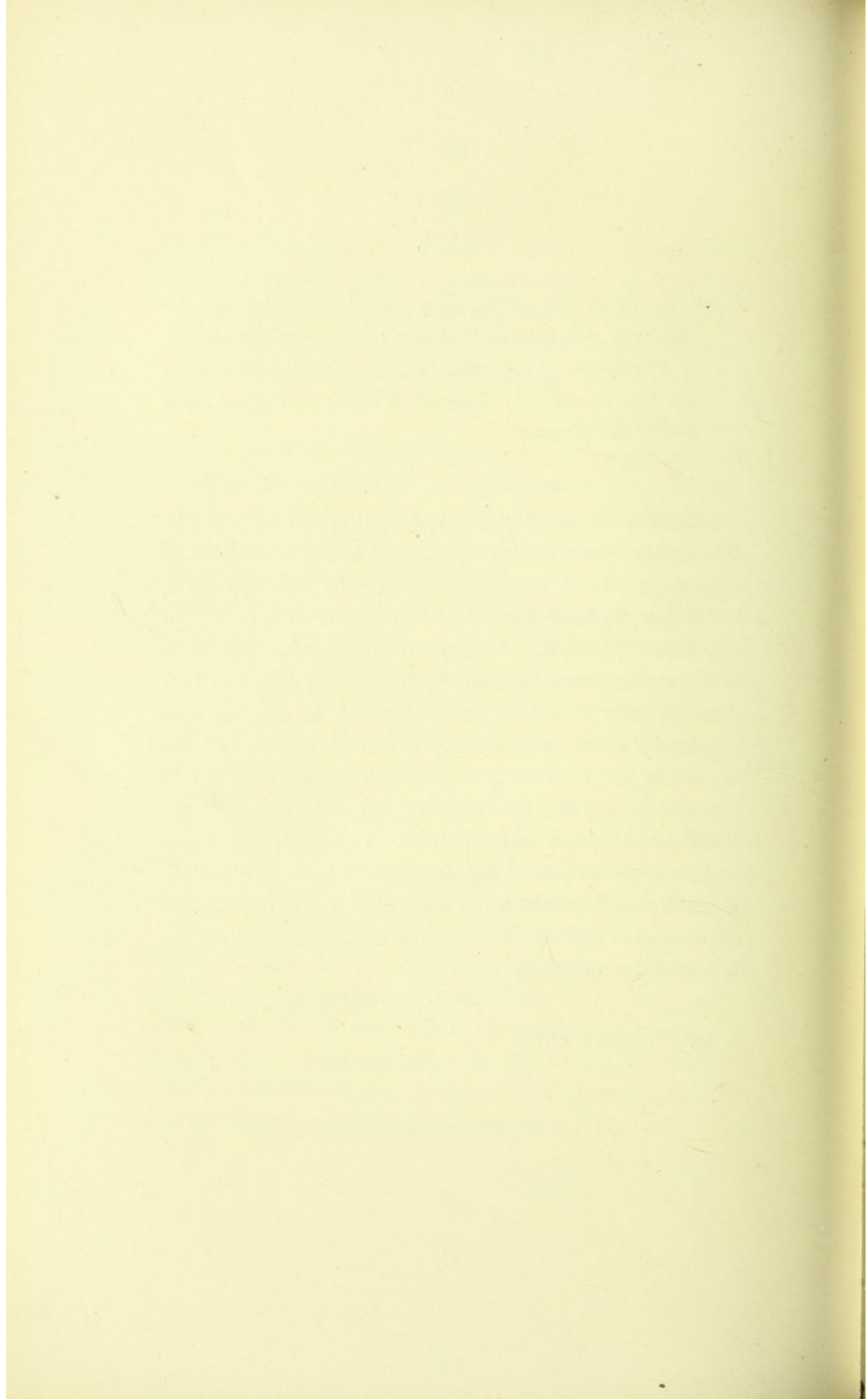
PHILADELPHIA, July 29, 1869.

DEAR DR,—I have just now learned that you are a Candidate for the vacant Chair of Pathology in the University of Edinburgh. I am not aware who may be your opponents, but if they can bring forward a better show of work on Pathology I shall be surprised. In common with other physicians here, I am familiar with many of your scientific papers, and am therefore quite competent, on this ground, to conclude that you deserve success, and earnestly to desire it for you. I know so little of your customs in regard to these contests, that I hesitated to obey my first impulse, and address directly the Board which controls such elections. Perhaps it were better that I merely ask you to use this present letter as a testimonial of the mode in which you are looked upon in the United States, and of my own desire for your success.—I have the honour to be, very truly yours.

S. WEIR MITCHELL.

Dr Grainger Stewart.





EVIDENCE

WITH REFERENCE TO POWER AS A

TEACHER OF PATHOLOGY,

FROM

FORMER PUPILS.





## CXVIII.

*From* GEORGE R. BARNES, Esq., M.D. Edin. (with Honours),  
F.R.C.P., M.R.C.S., and L.S.A. F.R.M.S. London,  
&c., &c., *Author of Papers in Scientific Journals.*

DORSET HOUSE, EWELL, SURREY,  
17th July 1869.

I understand that Dr T. Grainger Stewart is a Candidate for the Chair of Pathology in the University of Edinburgh. As a friend and pupil of Dr Stewart, and as a graduate of the Edinburgh University, desirous of seeing its teaching honoured, I humbly offer my testimony in favour of Dr Stewart.

Having acquired some knowledge of Pathology in my study in London, under Dr (now Sir William) Jenner; having sought still further to increase my knowledge under Cruveilhier and others on the Continent; and subsequently attended the course of Lectures given by the Professor of Pathology in the University of Edinburgh, I still found myself practically deficient. From a three months' course of Morbid Anatomy under Dr Stewart in his Microscopical Class, I derived more solid information than I had gathered from the whole of my previous study.

Dr Stewart possesses the qualities essential in a teacher,—a love of the subject, a thorough knowledge of it, and the capacity for imparting it to others. I commend him as worthy of the Chair he seeks to fill.

GEO. R. BARNES.

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## CXIX.

*From LAUCHLAN AITKEN, Esq., M.D., Author of various  
Papers in the Edinburgh Medical Journal.*

52 QUEEN STREET, EDINBURGH,  
July 16, 1869.

Some years ago, when a student of medicine in the University here, I had good opportunities of becoming acquainted with Dr Grainger Stewart's capabilities as a Pathologist; and, as one of his old pupils, it is with sincere pleasure that I am able to bear witness to his high efficiency as a teacher both of General Pathology and of Morbid Anatomy, and to express my conviction of the valuable nature of his additions to the Pathological literature of our country.

As a teacher, he was ever fluent in his language, clear in his statements, and ingenious in his explanations. As a writer, he adds to those qualifications great logical precision in the arrangement of his different works, and a true originality in his views of the diseased states he has treated of.

When studying Pathology on the Continent, a few years ago, I found that Dr Stewart was the only one amongst the younger Edinburgh men who was well known to most, if not to all, of the leading teachers in that department in many of the German schools, by his communications on the subject of Morbid Anatomy.

Need I add, that I consider him in every respect as the most eligible Candidate for our vacant Chair.

LAUCHLAN AITKEN.

## CXX.

*From JOHN WYLLIE, Esq., M.D., M.R.C.P., formerly President Royal Medical Society, Edinburgh; Author of a Graduation Thesis on the Functions of the Larynx, &c.*

9 HOWE STREET,

EDINBURGH, August 4, 1869.

MY DEAR DR STEWART,—As one of your former Pupils and Assistants in Pathology, perhaps I may be allowed to add my testimony to those which you are receiving from so many quarters, regarding your fitness for the Chair in the University at present vacant. For a number of years, you have taught most ably and successfully your class of Pathology, both in its more purely theoretical and in its practical departments. Your demonstrations of morbid specimens especially, supplied a desideratum in our education, and well merited the care and labour which you bestowed upon them.

I need not, after seeing the weighty testimonials which you have already received, enlarge upon your high qualifications as a man of science. The many valuable pamphlets which you have published since you were appointed to the Pathologistship, and your late most excellent and able work on Bright's Disease, are the best witnesses to your ability in this respect. I shall only say that having, as one of your pupils, gained from your instructions practical information; and knowing, as I do, how much your lectures are appreciated by the numerous students who attended them, I have every confidence that, in your hands, the Chair of Pathology in our University would suffer no decline in its reputation.—Yours very sincerely,

JOHN WYLLIE.



## CXXI.

*From* THOMAS HAMILTON, Esq., M.B., F.R.C.S.E., *Surgeon*  
*to the North Islington Dispensary, London.*

LONDON, *July* 1869.

As one of Dr Grainger Stewart's former pupils, both in the Pathological theatre of the Royal Infirmary, and in his class, I am happy to express my high appreciation of his ability as a Pathologist, but especially in what a student is best able to judge, his power of imparting knowledge to others.

He has the faculty, which so many teachers have not, of interesting his hearers in whatever he brings before them.

His lectures are easily followed and understood, from the methodical arrangement of the subject, and still more so by being illustrated by demonstrations from the dead body.

I feel sure that it will greatly add to the reputation of the University of Edinburgh, if Dr G. Stewart is included amongst the number of its medical Professors.

THOMAS HAMILTON.

## CXXII.

*From* JOHN BISHOP, Esq., *Student in Medicine.*

EDINBURGH, *Aug.* 1869.

DEAR SIR,—I gladly record the impression produced on my mind by the extent of your knowledge and evident mastery of the details of Pathology, and by the eminently practical and demonstrative character of your teaching. Equally marked were your impressive delivery, powers of condensation and of clear exposition. It seems almost superfluous to

speak of your uniform urbanity and kind interest in all that concerned the welfare of the students.

It is no flattery to say, that I believe that if you are elected to the Chair of Pathology, you will be one of the most hard-working, talented, and popular of the Professors of the Medical Faculty.

It would be easy, were it fitting, to multiply the reasons why I most heartily wish you success in your Candidature.—Believe me, yours respectfully,

JOHN BISHOP.

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### CXXIII.

*From J. WATERSTON, Esq., M.A., Student in Medicine.*

EDINBURGH, 23d July 1869.

I have great pleasure in certifying that I have attended the Lectures and Demonstrations of Dr Grainger Stewart on Pathological Anatomy in Surgeons' Hall, Edinburgh, during the session which has just closed, and can unhesitatingly bear testimony to the excellent manner in which he has conducted the course, whether of lectures, or demonstrations by the microscope. Dr Stewart spared no pains to render his subject clearly intelligible, especially by means of actual specimens presented of the morbid states with which he had to deal. His zeal for his subject is very great, as also his anxiety that each of his pupils should see for himself, both by the naked eye and microscope, and thus become satisfied that matters really are what they are represented to be. His method of teaching, in every sense admirable, appears to me in the highest degree fitted to impart a lasting knowledge of the doctrines of Pathology, which is so important for the ad-



vance of medical science. With regard more particularly to the lectures of Dr Stewart, they are lucid, well got up, most judiciously arranged, and so delivered as to be at once intelligible.

I understand that he is a Candidate for the Chair of Pathology in this University, and have been accordingly impelled, by a sense of duty, to contribute my humble share of evidence of his great abilities both as a lecturer and teacher.

J. WATERSTON.

Dr Grainger Stewart.

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#### CXXIV.

*From D. M'GREGOR, Esq., M.A., Student in Medicine.*

EDINBURGH, 16th July 1869.

Apart altogether from Dr Stewart's already brilliant reputation as a Pathologist, of which his peers are the judges, there is one especially vital point on which only students, and of these only former Pupils, are entitled to give an opinion,—namely, that of ability to impart actual knowledge, as opposed to the merely descriptive accumulations under which, as a class, we groan.

I, therefore, as a former Pupil, who have attended classes here and elsewhere, gratefully testify that Dr Stewart has recognised the real needs of his students, by introducing a method of teaching Pathology, whereby all are enabled to become practically acquainted with those morbid structures, the characters of which can never be learned from description alone,—an innovation which of itself deserves the gratitude of every medical student.

D. M'GREGOR.

# GENERAL INDEX.

## EDINBURGH.

	No.
LAUCHLAN AITKEN, M.D., . . . . .	119
THOMAS ANNANDALE, Esq., F.R.C.S.E., Lecturer on Surgery, . . . . .	49
JAMES BEGBIE (the Late), M.D., Physician to the Queen in Scotland, . . . . .	83
J. Warburton BEGBIE, M.D., Examiner in Medicine in the University, . . . . .	89
JOHN BISHOP, Esq., . . . . .	122
D. J. BRAKENRIDGE, M.D., Physician to the New Town Dispensary, . . . . .	90
W. A. F. BROWNE, M.D., Commissioner on Lunacy, . . . . .	88
JOHN CARMICHAEL, Esq., M.A., . . . . .	51
A. HALLIDAY DOUGLAS, M.D., formerly Physician to the Royal Infirmary, . . . . .	42
J. MATTHEWS DUNCAN, M.D., Physician, Royal Infirmary, . . . . .	43
JOHN DUNCAN, M.D., formerly Demonstrator of Anatomy at Surgeons' Hall, . . . . .	111
ARTHUR GAMGEE, M.D., Assistant to the Professor of Medical Jurisprudence, . . . . .	110
CHARLES H. GROVES, B.A., M.D., . . . . .	55
J. R. HARDIE, M.D., formerly President of the Royal Medical Society, . . . . .	65



	No.
W. W. IRELAND, M.D., formerly Surgeon in H.M. Indian Army, . . . . .	53
STEVENSON MACADAM, Ph.D., Lecturer on Chemistry, . . . . .	52
D. M'GREGOR, Esq., M.A., . . . . .	124
DOUGLAS MACLAGAN, M.D., Professor of Medical Jurisprudence, . . . . .	84
JOHN MOIR, M.D., President of the Royal College of Physicians, . . . . .	81
D. ARGYLL ROBERTSON, M.D., Assistant Ophthalmic Surgeon, Royal Infirmary, . . . . .	48
JAMES HUTCHISON STIRLING, LL.D., Author of "The Secret of Hegel," . . . . .	50
JAMES SYME, Esq., Emeritus Professor of Clinical Surgery, . . . . .	30
BURNS THOMSON, Esq., F.R.C.S., . . . . .	112
J. WATERSTON, Esq., M.A., . . . . .	123
JOHN WILKINSON, M.D., . . . . .	54
W. WILLIAMS, Esq., F.R.S.E., Principal of the Veterinary College, . . . . .	108
ALEX. WOOD, M.D., formerly President of the Royal College of Physicians, . . . . .	86
JOHN WYLLIE, M.D., formerly President of the Royal Medical Society, . . . . .	120

### SCOTLAND (Provincial.)

T. M'CALL ANDERSON, M.D., Professor of Practice of Physic, Anderson's University ; Physician, Royal Infirmary, Glasgow, . . . . .	101
ANDREW BUCHANAN, M.D., Professor of Physiology in the University of Glasgow, . . . . .	32
W. T. GAIRDNER, M.D., Professor of Practice of Physic in the University of Glasgow, . . . . .	74

	No.
SAMUEL G. MOORE, M.D., Pathologist and Lecturer on Pathology in the Royal Infirmary, Glasgow, .	23
ALEX. R. SIMPSON, M.D., F.R.C.P.E., . . . . .	
P. ADOLPHUS SIMPSON, B.A., M.D., Professor of Medical Jurisprudence in Anderson's University, Glasgow, .	106
J. G. WILSON, M.D., Professor of Midwifery in Ander- son's University, Glasgow, . . . . .	107
R. BEVERIDGE, M.D., Physician, lately Pathologist and Lecturer on Pathology in the Royal Infirmary, Aberdeen, . . . . .	24
JAMES FERGUSON, Esq., L.R.C.P. and S., . . . . .	61
J. W. MILLER, M.D., Physician to the Royal Infirmary Dundee, . . . . .	105
FRANCIS OGSTON, M.D., Professor of Medical Jurisprudence in the University of Aberdeen, . . . . .	34

### LONDON.

JAMES ANDREW, M.D. Oxon., Lately Demonstrator of Pathology in St Bartholomew's Hospital, .	18
H. CHARLTON BASTIAN, M.A., M.D., F.R.S., Professor of Pathological Anatomy in University College, .	17
W. CAYLEY, M.D., Lecturer on Pathological Anatomy in Middlesex Hospital, . . . . .	21
THOMAS KING CHAMBERS, M.D. Oxon., Honorary Phy- sician to H.R.H. the Prince of Wales; formerly Pathologist to St George's Hospital, . . . . .	29
JOHN CHAPMAN, M.D., Editor of the "Westminster Review," . . . . .	45
Sir JAMES CLARK, Bart., M.D., F.R.S., Physician to Her Majesty, . . . . .	82
WILLIAM RUTHERFORD, M.D., Professor of Physiology in King's College, . . . . .	97



	No.
W. H. DICKINSON, M.D. (Cantab.) formerly Pathologist to St George's Hospital, . . . . .	76
SAMUEL FENWICK, M.D., formerly Lecturer on Pathological Anatomy in the University of Durham, . . . . .	27
WILSON FOX, M.B., B.A., formerly Professor of Patho- logical Anatomy in University College, . . . . .	16
E. HEADLAM GREENHOW, M.D., Physician to Middlesex Hospital, . . . . .	46
THOMAS HAMILTON, Esq., M.D., F.R.C.S.E., . . . . .	121
GEORGE HARLEY, M.D., F.R.C.P., L. & S., F.R.S., Pro- fessor of Medical Jurisprudence in University College, . . . . .	100
Sir WILLIAM JENNER, Bart., M.D., Physician in Ordinary to Her Majesty, . . . . .	73
GEORGE JOHNSON, M.D., F.R.C.P., Professor of Practice of Medicine in King's College, . . . . .	92
C. HANDFIELD JONES, M.B. (Cantab.) F.R.S., Joint- Author of "Handbook of Pathological Anatomy, . . . . .	7
CHARLES KELLY, M.D., Pathologist to King's College Hospital, . . . . .	22
MORELL MACKENZIE, M.D., Assistant Physician to the London Hospital, . . . . .	98
W. O. MARKHAM, M.D., F.R.C.P., Author of "A Treatise on Diseases of the Heart," . . . . .	95
W. MOXON, M.D., Lecturer on Pathology at Guy's Hospital, . . . . .	19
JOHN W. OGLE, M.D. Oxon, F.R.C.P., Lecturer on Pathology at St George's Hospital, . . . . .	15
J. F. PAYNE, M.B., Lecturer on Pathology in the Medical School of St Mary's Hospital, . . . . .	75
THOMAS B. PEACOCK, M.D., formerly Pathologist to the Royal Infirmary, Edinburgh, . . . . .	6
BENJAMIN WARD RICHARDSON, M.A., M.D., F.R.S., . . . . .	93

	No.
SEPTIMUS W. SIBLEY, F.R.C.S., lately Lecturer on Pathology at the Middlesex Hospital, . . . . .	28
EDWARD H. SIEVEKING, M.D., Physician to H.R.H. the Prince of Wales, . . . . .	25
JOHN CHARLES STEELE, M.D., Superintendent of Guy's Hospital, . . . . .	99
HENRY G. SUTTON, M.D., Lecturer on Pathology at the London Hospital, . . . . .	20
THOMAS HAWKES TANNER, M.D., Author of "The Practice of Physic," &c., . . . . .	94
J. L. W. THUDICUM, M.D., Lecturer on Pathological Chemistry in St Thomas' Hospital, . . . . .	77
W. H. WALSHE, M.D., Emeritus Professor of Practice of Medicine, and of Clinical Medicine, University College, . . . . .	40
SIR THOMAS WATSON, Bart., M.D., President of the Royal College of Physicians, . . . . .	31
HERMANN WEBER, M.D., F.R.C.P., Physician to the German Hospital, . . . . .	47
SOELBERG WELLS, Esq., F.R.C.S., Professor of Ophthalmology in King's College, . . . . .	96
SAMUEL WILKS, M.D., F.R.C.P., Formerly Lecturer on Pathology in Guy's Hospital, Author of "Lectures on Pathological Anatomy," . . . . .	3
CHARLES J. B. WILLIAMS, M.D., F.R.S., Consulting Physician to the Brompton Hospital, &c., &c., . . . . .	39

### ENGLAND (Provincial.

T. CLIFFORD ALBUTT, M.A., M.D., Physican to Leeds Infirmary, . . . . .	102
GEORGE R. BARNES, M.D., F.R.C.P.E., Ewell, Surrey, . . . . .	118



	No.
RICHARD CATON, M.D., Assistant Physician to the Children's Infirmary, Liverpool, . . . . .	57
FRANK CHANCE, M.B., Cambridge, . . . . .	78
EDWARD CHARLTON, M.D., Newcastle, President of the British Medical Association, . . . . .	44
THOMAS SMITH CLOUSTON, M.D., Carlisle, . . . . .	104
DAVID FERRIER, M.A., M.D., Bury St Edmunds, . . . . .	59
FORNEAUX JORDAN, Esq., F.R.C.S., Birmingham, . . . . .	103
GEORGE MAY LOW, M.D., Lincoln, . . . . .	56
GEORGE H. PHILIPSON, M.A., M.D., Lecturer on Patholo- gical Anatomy in the University of Durham, . . . . .	28
WILLIAM ROBERTS, M.D., F.R.C.P., Lecturer on Practice of Medicine, Manchester, . . . . .	41
LAWSON TAIT, Esq., Wakefield, . . . . .	60

## IRELAND.

JOHN CLELAND, M.D., Professor of Anatomy in Queen's College, Galway, . . . . .	35
ROBERT D. LYONS, M.D., Professor of Medicine and Patho- logy in the R. C. University of Ireland, . . . . .	4
ROBERT WILLIAM SMITH, M.D., Professor of Surgery in the University of Dublin, . . . . .	33

## FRANCE.

CHARLES ANGLADA, M.D., Professor of Medical Pathology in the University of Montpellier, . . . . .	71
E. LANCERAUX, M.D., Joint Author of "Atlas d' Anatomie Pathologique," . . . . .	11

	No.
CHARLES ROBIN, M.D., Professor of Histology in the Faculty of Medicine, Paris, . . . . .	2
D. VILLEMIN, M.D., Author of "Etudes sur la Tuber- culose," . . . . .	72

### SWITZERLAND.

AUGUSTUS BREISKY, M.D., Professor of Midwifery in the University of Berne, . . . . .	36
W. GUSSEROW, M.D., Professor of Midwifery in the Uni- versity of Zurich, . . . . .	38
E. KLEBS, M.D., Professor of Pathology in the Univer- sity of Berne, . . . . .	14
H. C. LOMBARD, M.D., Geneva, . . . . .	87

### HOLLAND.

W. KÜHNE, M.D., Professor of Physiology in the Univer- sity of Amsterdam, . . . . .	12
--	----

### NORTH GERMANY.

JULIUS COHNHEIM, M.D., Professor of Pathology in the University of Kiel, . . . . .	13
F. TH. FRERICHS, M.D., Professor of Clinical Medicine in the University of Berlin, . . . . .	115
M. FRIEDREICH, M.D., Professor of Pathology, &c., in the University of Heidelberg, . . . . .	66
CARL EWALD HASSE, M.D., Professor of Special Pathology in the University of Göttingen, . . . . .	65
FELIX HOPPE-SEYLER, M.D., Professor of Pathology in the University of Tübingen, . . . . .	10



	No.
HERMANN LEBERT, M.D., Professor of Special Pathology, &c., in the University of Breslau, . . . . .	64
EMIL MANNKOPFF, M.D., Professor of Special Pathology and Medicine in the University of Marburg, . . . . .	69
JOSEF MEYER, M.D., Professor of Medicine in the Univer- sity of Berlin, . . . . .	9
E. RINDFLEISCH, M.D., Professor of Pathology in the Uni- versity of Bonn, . . . . .	8
RUDOLF VIRCHOW, M.D., Professor of Pathology in the University of Berlin, . . . . .	1
A. WAGNER, M.D., Professor of Surgery in the University of Königsberg, . . . . .	85
W. C. WESTPHAL, M.D., Professor of Medicine in the University of Berlin, . . . . .	37

### SOUTH GERMANY AND HUNGARY.

KOLMAN BALOGH, M.D., Professor of Pathology in the University of Pesth, . . . . .	70
TH. BILLROTH M.D., Professor of Clinical Surgery in the University of Vienna, . . . . .	68
LUDWIG BUHL, M.D., Professor of General Pathology and Pathological Anatomy in the University of Munich, . . . . .	67
CARL ROKITANSKY, M.D., Professor of Pathology and Pathological Anatomy in the University of Vienna, . . . . .	63

### RUSSIA.

M. RUDNEW, M.D., Professor of Pathological Anatomy in the University of St Petersburg, . . . . .	116
---	-----

**A M E R I C A.**

	No.
JOHN S. BILLINGS, M.D., in charge of Library of Surgeon-General's Office, Washington, . . .	113
DAVID W. CHEEVER, M.D., Professor of Clinical Surgery in Harvard University, . . .	114
SAMUEL H. DICKSON, M.D., Professor of Medicine and Pathology in Jefferson Medical College, Philadelphia, . . .	79
SAMUEL D. GROSS, M.D., Professor of Surgery in Jefferson Medical College, Philadelphia, . . .	5
W. W. KEEN, M.D., Lecturer on Pathological Anatomy in Jefferson Medical College, Philadelphia, . . .	80
S. WEIR MITCHELL, M.D., Philadelphia, . . .	117





# CANDIDATURE

FOR THE

CHAIR OF GENERAL PATHOLOGY IN THE UNIVERSITY  
OF EDINBURGH.

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# TESTIMONIALS

IN FAVOUR OF

ANDREW SMART, M.D.,

FELLOW OF THE ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH ;  
FORMERLY ASSISTANT TO THE PROFESSOR OF THE PRACTICE OF PHYSIC IN  
THE UNIVERSITY OF EDINBURGH,  
AND RESIDENT PHYSICIAN TO THE UNIVERSITY WARDS OF THE ROYAL  
INFIRMARY ;  
OLIM PRESIDENT OF THE ROYAL MEDICAL SOCIETY OF EDINBURGH ;  
LATE COMMISSIONER OF INQUIRY ON CATTLE PLAGUE  
TO THE RIGHT HONOURABLE THE LORD PROVOST AND THE MAGISTRATES OF  
THE CITY OF EDINBURGH.

[First and Second Series.]



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*Edinburgh:*  
*Printed by John Greig & Son.*

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TO THE RIGHT HONOURABLE AND HONOURABLE  
THE CURATORS OF THE UNIVERSITY OF EDINBURGH.

24 MELVILLE STREET,  
EDINBURGH, *August 17. 1869.*

MY LORDS AND GENTLEMEN,

Dr Henderson having resigned his Professorship, I beg respectfully to offer myself as a Candidate for the Chair of General Pathology in the University of Edinburgh.

I am a Doctor of Medicine of the University of Edinburgh, and a Fellow of the Royal College of Physicians,—having, prior to the commencement of my professional studies, attended, during a course of four years, the Arts and Science Classes in this University.

During the whole course of my Medical Studies, I was officially connected with the Royal Infirmary in the various subordinate offices, and while a student was selected by Professor Bennett to assist him in the work connected with the Classes of the Institutes of Medicine and Practical Histology.

On taking my degree in 1862, I was recommended by the Professors of the University, and promoted by the Managers of



the Royal Infirmary, to the very responsible office of Resident Physician to the University Clinical Wards. During my period of office in this Institution, I carried out a series of independent experimental researches on the actions of Diet and Medicine in Diabetes. At the same time, my attention was closely directed to the post-mortem examinations, with the object of elucidating the Pathology of that obscure malady. As Resident Physician it formed part of my duties to conduct classes for the instruction of the more advanced students in the pathology, diagnosis, and treatment of disease.

I subsequently enlarged my knowledge of disease and its treatment, by a lengthened residence in the great Rotunda Hospital of Dublin, where, at the request of the Master, I conducted the post-mortem examinations, and otherwise discharged the duties of a Pathologist. My Professional Course of Studies was finally completed at the Medical Schools of London, Paris, Vienna, and Berlin. At Berlin, in the summer of 1864, I worked in the Physiological Laboratory of Professor Du Bois Reymond, and carried on a course of Experimental Physiology under the direction of Dr Rosenthal. But my attention was mainly directed to the subject of Pathology, under the distinguished teaching of the eminent Pathologist, Professor Virchow.

On the recommendation of the Professor of the Practice of Medicine in the University of Edinburgh, I was appointed by the Senatus, in 1865, to assist Dr Laycock in the duties connected with that important Chair, and, under the Professor, had charge of a special Ward in the Royal Infirmary. I have, since my return to Edinburgh from the Continent, been engaged in Practice as a Physician, and, as such, connected with the Public Dispensaries.

When Cattle Plague invaded this country, and while the nature of that disease was still unknown, I was appointed by the

Right Honourable the Lord Provost and the Magistrates of this City to investigate its Pathology and Treatment, and to superintend the treatment of Cases. The conclusions at which I arrived were based on dissections, carefully made by myself, of upwards of one hundred animals, and the coloured drawings that accompany the Reports which I had the honour to submit to the Authorities, exhibited for the first time the morbid lesions of this disease. These Reports were sent to the Privy Council, and to the Royal Commissioners, and they were copied or referred to by nearly all the Journals of this country. They are, I understand, translated into other languages, and now generally recognised as authoritative on the Pathology of Rinderpest.

I have the honour to submit for your consideration a series of Testimonials from Professors and Teachers of Pathology, and from Gentlemen of eminence intimately conversant with Pathological pursuits; and I have added an abstract of my Published Contributions to Pathology and Medical Science.

Should you do me the honour to appoint me to this Chair, it shall be my earnest and constant endeavour to discharge its duties in such a manner as to maintain, to the utmost of my power, the high position of the University of Edinburgh as a seat of learning, and to extend its reputation as a School of Medical Science.

I have the honour to be,

MY LORDS AND GENTLEMEN,

Your obedient Servant,

ANDREW SMART.





## CONTENTS.

---

### I.

#### SYNOPSIS OF PUBLISHED CONTRIBUTIONS TO PATH- OLOGY AND MEDICAL SCIENCE.

	PAGE
1. Experimental Inquiries to Determine the Influence of Diet on the Elimination of Sugar in Diabetes Mellitus, . . . . .	15
2. Researches to Determine the Influence of certain Remedies on the Elimination of Diabetic Sugar, . . . . .	17
3. Other Experimental Researches connected with the Elimination of Sugar in Diabetes Mellitus, . . . . .	18
4. On the Prevention of Pitting in Small Pox, . . . . .	21
5. Reports to the Right Honourable the Lord Provost and the Magistrates of the City of Edinburgh on the Pathological Appearances, Symptoms, Treatment, and Means of Preventing Cattle Plague, . . . . .	21

### II.

#### TESTIMONIALS FROM PROFESSORS AND TEACHERS OF PATHOLOGY, AND FROM GENTLEMEN OTHERWISE EMINENT AS PATHOLOGISTS.

1. From RUDOLPH VIRCHOW, M. & Ph. D. ; Professor of Pathology in the University of Berlin ; Director of the Pathological Institute ; Dean of the Faculty of Medicine in the University of Berlin, &c., &c., . . . . .	25
2. From C. REISS, M.D., Professor of General Pathology and Pathological Anatomy in the University of Copenhagen, . . . . .	26
3. From EDWARD RINDFLEISCH, Professor of Pathology in the University of Bonn, . . . . .	27



	PAGE
4. From Cav. FILIPPO PACINI, Professor of Topographical and Histological Anatomy in the Medico-Chirurgical Section of the Royal Institute for Superior Studies, Florence, . . . . .	28
5. From Dr N. FRIEDREICH, Professor of Pathology and Therapeutics, and Director of the Medical Clinique in the University of Heidelberg, . . . . .	30
6. From J. L. W. THUDICHUM, M.D., Lecturer on Pathological Chemistry, St Thomas's Hospital, and late Professor (Lettsom) of Medicine, . . . . .	31
7. From WILLIAM ADAMS, F.R.C.S., Surgeon to the Great Northern and Royal Orthopædic Hospitals; Vice-President of the Pathological Society of London, . . . . .	32
8. From J. W. HULKE, F.R.S., Fellow of the Royal College of Surgeons of England, and Honorary Fellow of King's College, London; Hon. Sec. to the Pathological Society of London, . . . . .	33
9. From WILSON FOX, M.D., B.A., & F.R.C.P. London, Holme Professor of Clinical Medicine at University College, formerly Professor of Pathological Anatomy in University College, and Physician to University College Hospital, London, . . . . .	33
10. From WILLIAM S. SAVORY, M.B., F.R.S., F.R.C.S., late Professor of Comparative Anatomy and Physiology, Royal College of Surgeons, England; Lecturer on General Anatomy and Physiology, St Bartholomew's Hospital; and Examiner in Physiology, University of London, . . . . .	34
11. From R. THORNE THORNE, M.B. Lond., M.R.C.P. Lond., Member of the Pathological Society, London; Physician to the Royal Hospital for Diseases of the Chest, &c., &c. . . . .	35
12. From PROFESSOR POLLI, M.D., Milan, Honorary Member of the British Association, &c., &c., &c., . . . . .	36
13. From H. G. RAWDON, M.D., Surgeon to the Liverpool Children's Infirmary; late Lecturer on Pathology at the Liverpool Royal Infirmary School of Medicine, . . . . .	38
14. From C. J. GIBB, M.D., Lecturer on Pathology in the Newcastle-on-Tyne College of Medicine in connection with the University of Durham, . . . . .	39
15. From E. D. MAPOTHER, M.D., Professor of Physiology in the Royal College of Surgeons, Ireland, and Examiner in Surgery, Queen's University, . . . . .	39
16. From JAMES BELL PETTIGREW, M.D. Edin., F.R.S. Lond.; Croonian Lecturer to the Royal Society of London for 1860; Lecturer to the Royal Institution of Great Britain and Russell Institution for 1867, . . . . .	40

	PAGE
17. From JAMES B. SIMONDS, Professor of Pathology in the Royal Veterinary College, London ; Inspector Veterinary Department of the Privy Council, . . . . .	42
18. From BALTHAZAR W. FOSTER, M.D., M.R.C.P. Lond., Professor of Medicine in Queen's College, and Physician to the General Hospital, Birmingham ; Member of the Pathological Society, London ; formerly Prosector of Anatomy at the Royal College of Surgeons, Ireland, . . . . .	43
19. From WALTER MOXON, M.D., F.R.C.P. London, Lecturer on Pathology and Morbid Anatomy in Guy's Hospital, . . . . .	43
20. From EDWARD LEDWICK, Fellow of the Royal College of Surgeons in Ireland ; Member of Council of same Body ; Surgeon to Mercer's Hospital ; Lecturer on Physiology, Pathology, and Surgical Anatomy, &c., . . . . .	44
21. From DR JOHANNES RANKE, Professor of Physiology, Munich, . . . . .	45
From PROFESSOR FRANCK, Munich, . . . . .	45
22. From ROBERT M'DONNELL, M.D., Dublin, F.R.S., Fellow of the Royal College of Surgeons, Ireland, . . . . .	47
23. From JAMES MURIE, M.D., F.L.S., Prosector of Comparative Anatomy and Pathology to the Zoological Society, London ; formerly Pathologist to the Glasgow Royal Infirmary, &c., &c. . . . .	48
24. From the United States of America.—Extracts from the "First and Second Reports of the Special Committee appointed by the Executive Board of the N. Y. State Agricultural Society, on the Statistics, Pathology, and Treatment of the Epizootic Disease known as the Rinderpest, . . . . .	49

### III.

#### FROM PROFESSORS AND TEACHERS OF MEDICAL SCIENCE RELATED TO PATHOLOGY, AND FROM EMINENT PRACTITIONERS OF MEDICINE.

25. From JAMES BEGBIE, M.D., Edin., Fellow of the Royal Society ; Fellow, and formerly President, of the Royal College of Physicians, Edinburgh ; Physician to the Queen in Scotland, . . . . .	53
26. From Sir WILLIAM JENNER, Baronet, M.D., F.R.S., Physician in Ordinary to H.M. the Queen, and to H.R.H. the Prince of Wales ; Professor of Clinical Medicine, University College, London ; formerly Professor of Pathological Anatomy, University College, London ; Physician to University College Hospital, . . . . .	54



	PAGE
27. From J. WARBURTON BEGBIE, M.D., Fellow of the Royal College of Physicians, and Examiner in Medicine in the University of Edinburgh; formerly Lecturer on Practice of Physic and Clinical Medicine; and Physician to the Royal Infirmary of Edinburgh, . . . . .	55
28. From PETER MILLER, Surgeon, Senior Bailie of the City of Edinburgh, . . . . .	
29. From JAMES MATTHEWS DUNCAN, A.M., M.D., Fellow and Member of Council of the Royal Society, Edinburgh; Fellow and Examiner of the Royal College of Physicians; Lecturer on Midwifery; Physician and Clinical Lecturer, Royal Infirmary, . . . . .	57
30. From AQUILLA SMITH, M.D., F.K.Q.C.P. Ireland; Member of the General Medical Council; Member of the Royal Irish Academy; Regius Professor of Materia Medica in the School of Physic, Trinity College, Dublin, . . . . .	58
31. From A. PEDDIE, M.D., F.R.C.P. Edin., F.R.S.E., &c., . . . . .	59
32. From STEPHEN MACSWINEY, M.D., Professor of Medical Jurisprudence in the Catholic University, Dublin; Senior Physician, Jervis Street Hospital, &c., &c., &c. . . . .	59
33. From W. A. F. BROWNE, M.D., F.R.C.S., F.R.S.E., Ex-President of the Medico-Psychological Association; and Commissioner in Lunacy, Scotland, . . . . .	60
34. From CHARLES A. CAMERON, Ph. D., M.D., L.K. & Q.C.P.I., Hon. Mem. New York State Agricultural Society, Agricultural Society of Belgium, &c.; Professor of Hygiene R.C. Surgeons, Ireland; Professor of Chemistry and Physics, Steeven's Hospital and Medical College; Lecturer on Chemistry Leds- wich School of Medicine; Analyst to the City of Dublin; Co- Editor of <i>Irish Farmer's Gazette</i> , . . . . .	61
35. From ARTHUR GAMGEE, M.D., F.R.S.E., . . . . .	62
36. From JAMES CRICHTON BROWNE, M.D. Edin.; Medical Director of the West Riding of Yorkshire Asylum; formerly Senior President of the Royal Medical Society of Edinburgh, and Lecturer on Medical Psychology in Newcastle College of Medicine, . . . . .	64
37. From JOHN RUTHERFOORD KIRKPATRICK, M.D., F.R.C.S.I., Ex-Assistant Physician, Dublin Lying-in Hospital, . . . . .	66
38. From JOHN CLELAND, M.D., Professor of Anatomy and Physiology, and one of the Clinical Lecturers in Queen's College, Galway, . . . . .	66

	PAGE
39. From W. FRASER, M.R.I.A., Lecturer on Medicine, Carmichael School, Dublin, . . . . .	67
40. From S. MARTYN, M.D. Edin., M.R.C.P. Lond. ; Sen. Physician Bristol Gen. Hosp. ; and Lecturer on the Practice of Medicine in the Bristol School of Medicine, . . . . .	67
41. From M. SCHIFF, Professor of Physiology in the University at Florence, . . . . .	68
42. From THOMAS ANNANDALE, F.R.S.E., F.R.C.S.E., Lecturer on Surgery, Minto House, . . . . .	69
43. From ALEXANDER R. SIMPSON, M.D., F.R.C.P.E., Fellow of the Faculty of Physicians and Surgeons, Glasgow, &c. &c., . . . . .	70
44. From Dr PAJOT, Professor of Midwifery and Medicine at the University of Paris, . . . . .	71
45. From WILLIAM RUTHERFORD, M.D., F.R.S.E., Professor of Physiology in King's College, London, . . . . .	71
46. From RICHARD DAVY, M.D. Edin., F.R.C.S. Lond., Surgical Registrar to the Westminster Hospital, . . . . .	72
47. From HENRY E. EASTLAKE, M.A. & Ph. D., Fellow of the College of Physicians, Dublin ; late Physician to the British Lying-in Hospital ; Consulting Phys. Acc. to the Western Dispensary, Westminster, &c., &c. . . . .	73
48. From ARTHUR WYNNE FOOT, M.D., T.C.D., Fellow and Examiner King and Queen's Coll. Physicians in Ireland ; Senior Demonstrator of Anatomy in the School of Physic, Dublin University, . . . . .	74
<hr/>	
49. From DUNCAN M'LAREN, Esq., M.P., . . . . .	75
50. From the Right Hon. the LORD PROVOST and MAGISTRATES of the City of Edinburgh, . . . . .	76
51. From the Rev. JAMES H. WILSON, M.A., Minister of the Barclay Church, Edinburgh, . . . . .	77



## IV.

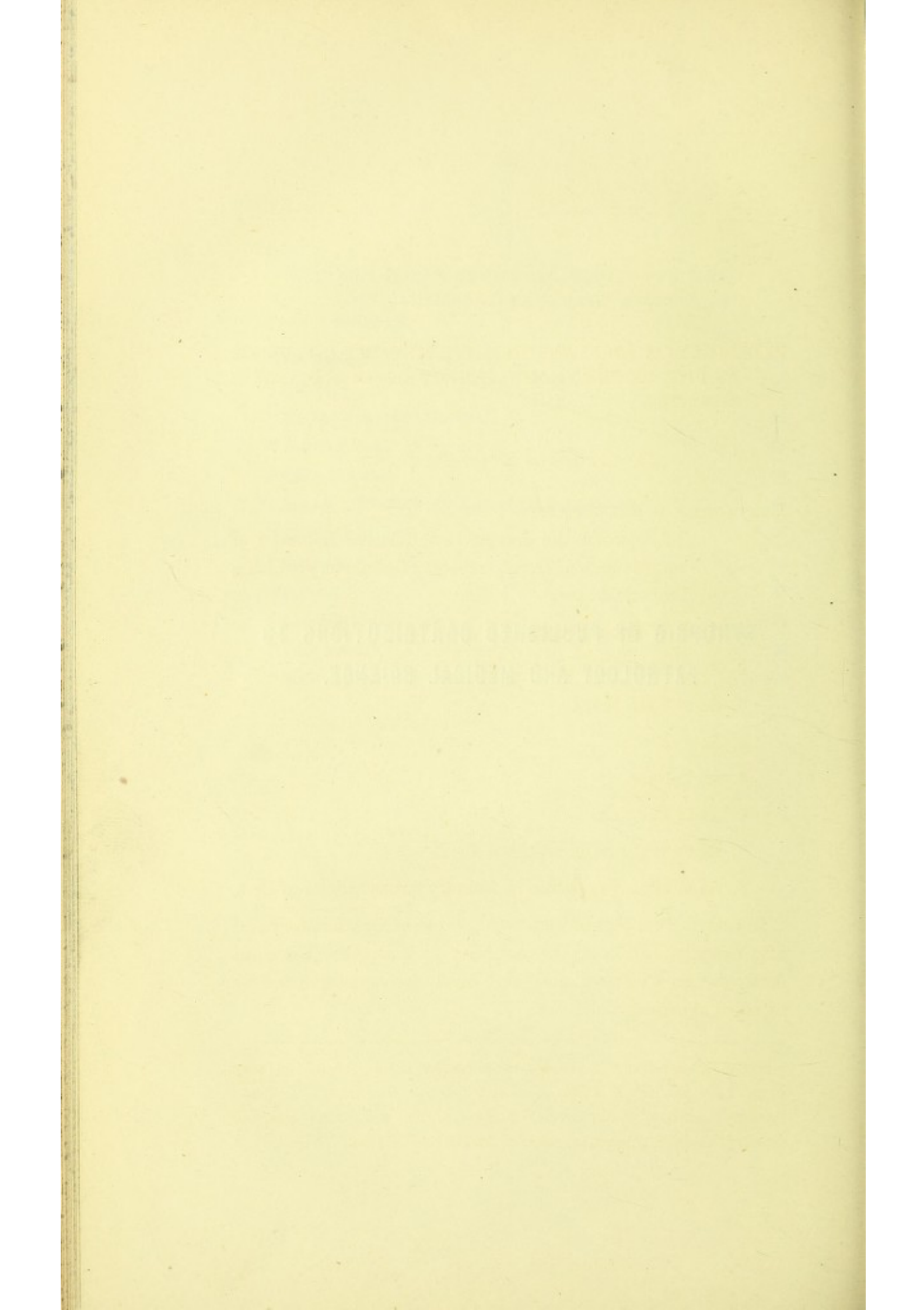
EXTRACTS FROM JOURNALS RELATING TO PUBLISHED  
CONTRIBUTIONS TO PATHOLOGY AND MEDICAL  
SCIENCE.

	PAGE
"The Times," . . . . .	81
"Lancet," . . . . .	83
"Medical Times and Gazette," . . . . .	84
"Morning Post," . . . . .	84
"Daily Review," . . . . .	85
Letters in "Sheffield and Rotherham Independent," . . . . .	86
"Liverpool Mail," . . . . .	87
"Scotsman," . . . . .	88
"Farmer," . . . . .	88
"North British Review," . . . . .	89
"Irish Times," . . . . .	89
"Medical Times and Gazette," . . . . .	90

I.

SYNOPSIS OF PUBLISHED CONTRIBUTIONS TO  
PATHOLOGY AND MEDICAL SCIENCE.





## I.

### EXPERIMENTAL INQUIRIES TO DETERMINE THE INFLUENCE OF DIET ON THE ELIMINATION OF SUGAR IN DIABETES MELLITUS.

#### *The Cereals as Sugar-Producers.*

##### FIRST SERIES OF EXPERIMENTS—

To ascertain the Extent and Relative Influence of  
various sorts of Bread and other Cereals in producing  
Diabetic Sugar:—

1. As to Wheaten Bread.
2. As to Gluten Bread.
3. As to Bran Bread.
4. As to Rice.
5. As to Oats.
6. As to Potatoes.
7. As to Sugar as an article of Food.
8. As to other Vegetables in ordinary use as articles of Diet.

In carrying out these Inquiries, upwards of One hundred and fifty carefully conducted Observations and separate Chemical Analyses were instituted, and every conclusion was confirmed by repeated experiment.

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NOTE.—An abstract of the Researches referred to in this Synopsis has only as yet been published. (Vide *Medical Times and Gazette*, Vol. i., 1863; Rankine's Abstract of the Medical Sciences.) The proofs and complete details of each experiment are reserved for early publication.



*Animal Food and Mixed Diet.*

## SECOND SERIES OF EXPERIMENTS—

To determine the Influence of Animal Food and of Mixed Diet on the production of Sugar in Diabetes:—

1. As to Beef and Mutton, &c.
2. As to Fish.
3. As to Animal Fats and Vegetable Oils.
4. As to Eggs.
5. As to New Milk.
6. As to Mixed Diet.

The results obtained in this series of Inquiries are supported by upwards of One hundred carefully conducted Experiments and Chemical Analyses.

*Stimulants.*

## THIRD SERIES OF EXPERIMENTS—

To ascertain how far the Elimination of Sugar in Diabetes is influenced by certain Stimulants:—

1. As to Tea and Coffee.
2. As to Alcohol.
3. As to certain Wines in common use.
4. As to certain Malt Liquors in common use.

All the results were obtained in this series of Inquiries by the same laborious methods, and the conclusions rest upon numerous independent Observations.

## II.

RESEARCHES TO DETERMINE THE INFLUENCE OF CERTAIN  
REMEDIES ON THE ELIMINATION OF DIABETIC SUGAR.

## FOURTH SERIES OF EXPERIMENTS—

To ascertain how far the production of Sugar is arrested, and the course of the Disease modified, by the action of certain Drugs :—

1. As to Chlorate of Potash.
2. As to Strychnia.
3. As to Permanganate of Potash.
4. As to Pernitrate of Iron.
5. As to Chloroform.
6. As to Sulphuric and Chloric Ethers.
7. As to Glycerine.
8. As to Sugar administered as a Remedy.
9. As to Cod Liver Oil.

The correctness of the results obtained in this series of Inquiries have since been generally confirmed, and their value proved. They rest upon upwards of Fifty carefully conducted Experiments and Chemical Analyses.

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## III.

## OTHER EXPERIMENTAL RESEARCHES TO DETERMINE\*

1. The relation which Sugar bears to the Urea in Diabetic Urine.
2. The relation which the entire fluids taken as food and drink bear to the amount of water passed.
3. The relation of Specific Gravity to amount of Sugar in Diabetic Urine.

These Experiments, the results of which are referred to in standard works on Practical Medicine, were made, with the approbation of the Clinical Professors of Medicine, in the University Wards of the Royal Infirmary, and, during their progress, were frequently referred to by the Professors in their prelections at the bedside and in the classroom. In the summer of 1862, they formed the subject of lectures to Medical Practitioners, delivered by Dr Murray Thomson, then Lecturer on Chemistry in the Edinburgh Medical School. In speaking of these researches, Dr Arthur Gamgee, in his Inaugural Address as a President of the Royal Medical Society, used the following terms:—

“I am happy to be able to state, that we shall have, ere long, the pleasure of witnessing the publication of a most interesting series of Therapeutical Researches, by a late President of this Society,—my esteemed colleague, Dr Andrew Smart. Having the opportunity of investigating several cases of Diabetes Mellitus, Dr Smart has, in his experiments, kept in view the following objects:—

- “1. To determine the absolute and relative Sugar-producing

\* In the published Abstract already referred to, only indirect allusion is made to this Series of Experiments.

powers of most of the ordinary articles of diet, and to investigate upon what constituent, in their composition, their Sugar producing power depends.

"2. To determine exactly the influence of certain medicinal agents, which are generally supposed to modify or increase the morbid production of Sugar. This has led to a series of experiments with most of the remedies at present in use.

"3. To determine the influence of other conditions than those mentioned in the production of Diabetes.

"Dr Smart has sought for some therapeutic agent better able to control the excretion of Sugar than any which had previously been used. That Chlorate of Potash fulfills these conditions, his experiments conclusively shew. He has, in addition, determined the relation of the ingesta to the egesta, so as to shew the amount of aliment required to compensate for loss by Sugar, and maintain the tissues without deterioration. He has determined exactly the relation which the production of Urea bears to that of Sugar in Diabetes; and, having carefully determined the cause of the variations in density of Diabetic Urine, he has, I believe, succeeded in shewing a definite and constant relation between density and the quantity of Sugar.

"The ability of the gentleman who has undertaken these researches will assure you of their value; and I hope that the sketch I have given you of them will cause you to look forward to their appearance with impatience."\*

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\* Quoted by the kind permission of Dr Gamgee.



## IV.

## "ON THE PREVENTION OF PITTING IN SMALL POX."

*Communicated to the Royal Medical Society of Edinburgh*  
(Session 1862-63).

Quoted by Dr T. King Chambers, Honorary Physician to H.R.H. the Prince of Wales, in his volume of "Lectures, mostly Clinical;" and referred to by the *Lancet*, *Medical Times and Gazette*, and other Journals.

## V.

REPORTS TO THE RIGHT HONOURABLE THE LORD PROVOST  
AND THE MAGISTRATES OF THE CITY OF EDINBURGH  
ON THE PATHOLOGICAL APPEARANCES, SYMPTOMS,  
TREATMENT, AND MEANS OF PREVENTING CATTLE  
PLAGUE.

THE FIRST REPORT WAS PUBLISHED ON SEPTEMBER 12. 1865.

It treats of the purely Pathological Phenomena connected with the Disease, and the conclusions are based on the first series of Dissections. Twenty-two coloured Drawings, exhibiting, for the first time, the remarkable morbid lesions distinctive of the Plague, accompany this Report.

THE SECOND REPORT WAS PUBLISHED ON OCTOBER 9. 1865.

Its object is, firstly, to describe with accuracy, and in detail, the Symptoms of the Disease as it appeared in this

country; and, secondly, to state what ought to be the rational method of its treatment, basing conclusions upon the knowledge of its Pathology elucidated in the previous Report. Examples of the disease successfully treated upon rational principles accompany this Report.

THE THIRD REPORT, PUBLISHED ON OCTOBER 18. 1865,

Deals exclusively with the means of Preventing Cattle Plague, and the Prophylactic Remedies proposed are, in like manner, based upon the more full elucidation of its Pathology.

THE FOURTH REPORT, PUBLISHED ON DECEMBER 11. 1865,

States the results obtained, and the conclusions drawn therefrom, in a further course of Dissections, embracing upwards of One hundred Animals.

In the "Tabular Statement" of this Report, the Pathological Phenomena found in each case of Cattle Plague are stated, and carefully contra-distinguished from those of Murrain and Pleuro-Pneumonia, the characteristic morbid lesions of these diseases having not previously been distinguished with sufficient accuracy,—

FIFTH REPORT, PUBLISHED ON MARCH 20. 1866,

States, in a Letter addressed to the Right Hon. the Lord Provost and Magistrates of the City of Edinburgh, the experimental results of the Preventive Treatment proposed on the 18th October; and, further, gives the first public intimation in this country of the important fact, that Sheep are liable, under certain conditions, to be affected with the



disease of Rinderpest. This result is based upon, and proved by, conclusive experiments. The conditions under which the Ovine species is affected by the disease are stated, and the means of its prevention indicated.

Through the early action taken by the Authorities in Edinburgh on the outbreak of Rinderpest, these Reports were among the first published in this country. For these Reports, the special thanks of the Lord Provost and Magistrates of the City of Edinburgh, the Royal College of Physicians, Edinburgh, and of the Scottish Chamber of Agriculture, &c., were accorded.

II.

TESTIMONIALS FROM PROFESSORS AND TEACHERS  
OF PATHOLOGY,  
AND FROM GENTLEMEN OTHERWISE EMINENT  
AS PATHOLOGISTS.



TESTIMONIALS FROM PROFESSORS AND TEACHERS  
OF PATHOLOGY  
AND FROM GENTLEMEN OTHERWISE EMINENT  
AS PATHOLOGISTS.

I.

From RUDOLPH VIRCHOW, M. & Ph. D., Professor of Pathology in the University of Berlin; Director of the Pathological Institute; Dean of the Faculty of Medicine in the University of Berlin, &c., &c.

BERLIN, 26th Juli 1869.

Herr Andrew Smart ist mir aus dem Jahre 1864, wo er die Vorlesungen des hiesigen pathologischen Instituts besucht, persönlich bekannt, und ich habe seitdem Gelegenheit gehabt, von seinen bemerkenswerthen Untersuchungen über die Rinderpest Kenntniss zu erhalten. Ich kann daher bezeugen, dass der genannte Gelehrte vortreffliche pathologische Kenntnisse und die Fähigkeit der eignen, unabhängigen und wissenschaftlichen Untersuchung besitzt, und ich bezweifle nicht, dass er in Stande sein wird, auch als Lehrer einen bestimmenden Einfluss auf den Gang des Studiums auszuüben.

(*Translation.*)

BERLIN, 26th July 1869.

Dr Andrew Smart has been personally known to me since the year 1864, when he attended the lectures of this Pathological Institute, and I have since had the



opportunity of becoming acquainted with his remarkable researches on the Cattle Plague. I can therefore affirm, that this learned gentleman possesses an excellent acquaintance with Pathology, as well as the power of carrying on independent scientific investigation, and I doubt not that he will be in a position also, as a teacher, to exercise a remarkable influence on the progress of the study.

RUDOLPH VIRCHOW.

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## II.

From C. REISS, M.D., Professor of General Pathology and Pathological Anatomy in the University of Copenhagen.

COPENHAGEN, *August 3. 1869.*

When the rumour of the great Cattle Plague in Great Britain reached Denmark, whose interest as exporters of cattle was very much threatened thereby, both the public in general, and more especially the Pathologists, were anxious to know the results of the philosophical investigations set on foot by the Pathologists of Great Britain. Among the very learned and instructive papers published on the Cattle Plague, none has here met with more approval than the very able Reports to the Magistrates of Edinburgh by Dr Andrew Smart, on the Pathological Appearances and Conditions of the Cattle Plague, attended as it was by costly and remarkable coloured plates. No other paper

has given us so accurate an outline of the anatomy of the morbid alterations of the body as the Reports of Dr A. Smart, and it is evident that his elaborate, persevering, and highly valuable anatomical researches, are of the greatest importance as to the true appreciation of this dreadful plague. That we, as Pathologists, feel very much indebted to Dr Smart for his researches, is an unquestionable fact, and that he may have the opportunity of making researches in other branches of Pathology, is a hope which I, as a member of the Danish Pathologists, have the honour to express for Mr A. Smart.

C. REISS.

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### III.

From EDWARD RINDFLEISCH, Professor of Pathology in the University of Bonn.

Bonn, d. 20 Juli 1869.

SEHR VEREHRTER HERR COLLEGE,—Die Resultate Ihrer schönen Untersuchungen über die Rinderpest waren mir schon lange bekannt. Um so mehr hat es mich gefreut und zur Dankbarkeit verpflichtet, dass Sie mir ein Exemplar der Originalabhandlung übersendet haben. Wir besitzen in der deutschen Litteratur noch keine Monographie, welche mit so eingehender Sorgfalt den einzelnen Fall prüft und erst auf eine sehr grosse Anzahl solcher Prüfungen gestützt einen Schluss auf das Wesen der Krankheit zu ziehen wagt. Nach meiner Ansicht ist dieses die



einzig richtige, allein fördernde Methode in der Pathologie.

Von ganzem Herzen wünsche ich Ihnen den besten Erfolg bei Ihrer Beverbung.

Der Ihrige,

EDUARD RINDFLEISCH.

(*Translation.*)

Bonn, 20th July 1869.

MUCH ESTEEMED COLLEAGUE—The results of your fine researches on the Rinderpest have been long known to me. I have been all the more pleased and grateful to you for having sent me the original work. We do not yet possess in German literature a monograph which with such thoroughness examines an individual case, and only resting upon a very large number of such investigations, ventures to draw a conclusion with regard to the nature of a disease. In my opinion this is the only correct, the only progressive method in Pathology. With all my heart, I wish you the best success in your candidature.

Yours,

EDUARD RINDFLEISCH.

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#### IV.

From Cav. FILIPPO PACINI, Professor of Topographical and Histological Anatomy in the Medico-Chirurgical Section of the Royal Institute for Superior Studies, Florence.

FIRENZE, Luglio 30. 1869.

Il sottoscritto, avendo presa cognizione del lavoro del Sigr. Dott. Andrea Smart di Edinburgo, che

porta per titolo : “ *Reports on the Pathological Appearances, Symptoms, Treatment, and Means of Preventing Cattle Plague*, Edinburgh, 1866,” ha avuto luogo di rilevare che questo lavoro è fatto con molta esattezza e precisione, mostrando che il suo autore è dotato di molte e solide cognizioni Patologiche, non che di altre cognizioni relative alle scienze accessorie, e quindi sarebbe sommamente idoneo ad occupare una Cattedra di Patologia, con grandissimo vantaggio per la scienza e per la istruzione.

Prof. FILIPPO PACINI.

Visto per la legalizzazione della firma dell Illusmo. Sig.  
Cav. Filippo Pacini, Professore di Anatomia Topografica ed Istologica nella sezione Medico-Chirurgica del R. Istituto di Studj Superiori, Firenze,  
dalla Cancelleria degli studj della sezione predetta  
li 31 Luglio 1869.

Il Cancelliere,  
G. MARCONI.

(*Translation.*)

FLORENCE, 30th July 1869.

The undersigned having made himself acquainted with the work of Dr Andrew Smart of Edinburgh, entitled “*Reports on the Pathological Appearances, Symptoms, Treatment, and Means of Preventing Cattle Plague*, Edinburgh, 1866,” has had occasion to observe that this work has been executed with great exactness and precision, shewing that its author is endowed with extensive and sound Pathological knowledge, as well as that he is acquainted with allied sciences ; he would therefore be in the highest



degree fitted to occupy a Chair of Pathology, with very great advantage to science and to education.

Prof. FILIPPO PACINI.

Examined for the legal attestation of the signature of Cav. Filippo Pacini, Professor of Topographical and Histological Anatomy in the Medico-Chirurgical Section of the Royal Institute for Superior Studies, Florence, at the Secretary's office of the Studies of the above-named Section, on the 31st July 1869.

The Secretary,  
G. MARCONI.

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V.

From DR N. FRIEDREICH, Professor of Pathology and Therapeutics, and Director of the Medical Clinique in the University of Heidelberg.

HEIDELBERG, DEN 30 Juli 1869.

Unter den wissenschaftlichen Arbeiten des Herrn Dr Andrew Smart ist mir dessen Abhandlung über die Rinderpest (1866) bekannt, und ich habe diese Schrift mit Aufmerksamkeit und grossem Interesse gelesen. Ich halte diese Arbeit des Herrn Dr A. Smart für eine sehr gründliche und gewissenhafte, welche von den ausgebreiteten Studien des Verfassers Zeugnis giebt, und durch welche unsere Kenntnisse über die genannte Epizootie wesentlich erweitert worden sind.

Dr N. FRIEDREICH.

(*Translation.*)

HEIDELBERG, 30th July 1869.

Among the scientific works of Dr Andrew Smart, his treatise on the Rinderpest (1866) is known to me,

and I have read this paper with care and great interest. I consider this work of Dr Smart's to be very thorough and conscientious, furnishing evidence of the extensive studies of the author, and materially extending our acquaintance with the above named Epizootic disease.

Dr N. FRIEDREICH.

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VI.

From J. L. W. THUDICHUM, M.D. Lecturer on Pathological Chemistry, St Thomas's Hospital, and late Professor (Lettsom) of Medicine. Author "On Pathology of the Urine;" "On the Chemistry, Pathology, and Treatment of Gall Stones," &c. &c., and numerous Reports to the Privy Council.

3 PEMBROKE ROAD, KENSINGTON, W.,  
*July 31. 1869.*

DEAR SIR,—Permit me to thank you for the copy of your Report upon the Cattle Plague, which you had the goodness to send me. It had come under my notice already at the time of its first publication, and I have much admired, and still do admire, the labour, skill, and perseverance which you have brought to bear upon the elucidation of this remarkable pathological phenomenon.

I should have been very happy to support your candidature for the Chair of Pathology in your University more directly, but as I have already supported another candidate whose claims worthily rival your own, I must respect facts, and apologise to you for my inability to do more than express to you my best



wishes for your success. I cannot doubt but that the northern Athens will now or hereafter open a sphere for your activity, and thus advance, not only your just claim, but more particularly the interest of medical science.

I have the honour to remain, dear Sir, yours most faithfully,

J. L. W. THUDICHUM.

Dr AND. SMART, Edinburgh.

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## VII.

From WILLIAM ADAMS, F.R.C.S., Surgeon to the Great Northern and Royal Orthopædic Hospitals; Vice-President of the Pathological Society of London. Author "On the Pathology and Treatment of Lateral and other Forms of Curvature of the Spine;" "Club-Foot: its Causes, Pathology, and Treatment;" and numerous important Works on Pathology.

5 HENRIETTA STREET, CAVENDISH SQUARE, W.,  
LONDON, *August 9. 1869.*

Dr Andrew Smart being a Candidate for the Chair of General Pathology in the University of Edinburgh, I am glad to take this opportunity of expressing my opinion, derived from a knowledge of his published works and Pathological investigations, that he is eminently qualified to fill the Chair he now seeks.

As a teacher of Pathology in the University, I have no doubt he would command the respect and confidence of the students, and that in the instruction given he would treat the subject in its modern and highest aspects.

WILLIAM ADAMS.

## VIII.

From J. W. HULKE, F.R.S., Fellow of the Royal College of Surgeons of England, and Honorary Fellow of King's College, London; Hon. Secretary to the Pathological Society of London. Author of Contributions "On the Morbid Anatomy and Pathology and on the Surgical Treatment of Glaucoma," &c., &c.

LONDON, *Aug. 9. 1869.*

DEAR SIR,—The position you have made for yourself in the profession is the best guarantee of your eminent fitness for the post you now desire to obtain, and anything I could say in your favour, could not increase the weight of your claims.

Believe me, yours faithfully, J. W. HULKE.

Dr A. SMART.

## IX.

From WILSON FOX, M.D., B.A., & F.R.C.P. London, Holme Professor of Clinical Medicine at University College, formerly Professor of Pathological Anatomy in University College, and Physician to University College Hospital, London. Author of "Contributions to the Pathology of the Glandular Structures of the Stomach;" "On the Artificial Production of Tubercle;" "Development of Striated Muscular Fibre;" and numerous other important works on Pathology and Practical Medicine.

22B CAVENDISH SQUARE, W.,

LONDON, *Aug. 9. 1869.*

DEAR SIR,—I have already, at their request, furnished two of the other candidates for the vacant



Chair of Pathology in the University of Edinburgh, with testimonials of my opinion of their fitness for this office, and I therefore feel some little hesitation in writing a third of the same nature. I am constrained, however, to say, after my inspection of your book on the Cattle Plague, which you have so kindly sent me, that the work contained in it appears to me to be of a very high order in scientific Pathology. Your investigations have been evidently most carefully conducted, and carried out with minute care, and I am sure that any one producing such work is likely to be an able teacher, and to extend the knowledge of this department of science.

I remain, dear Sir, yours truly,

WILSON FOX.

Dr ANDREW SMART.

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X.

From WILLIAM S. SAVORY, M.B. Lond., F.R.S., F.R.C.S., late Professor of Comparative Anatomy and Physiology, Royal College of Surgeons, England; Lecturer on General Anatomy and Physiology, St Bartholomew's Hospital; and Examiner in Physiology, University of London. Author of "Life and Death;" "Essays on Pyæmia," &c., and various other important Contributions.

66 BROOK STREET, W.,  
LONDON, 20th July 1869.

DEAR SIR—Accept my thanks for a copy of your Report on the Cattle Plague.

I have read it with interest, and as you invite my

opinion, I gladly take the opportunity of saying that I have been very favourably impressed by the work. It seems to me to shew that the author must be not only an accomplished Pathologist, but a skilful and successful inquirer.

Believe me, yours very truly,

WM. S. SAVORY.

Dr SMART.

# XI.

From R. THORNE THORNE, M.B. Lond., M.R.C.P. Lond.,  
Member of the Pathological Society, London; Physician to  
the Royal Hospital for Diseases of the Chest, &c., &c.  
Author of "Reports to Privy Council on Epidemic Typhoid  
Fever," &c., &c.

42 SEYMOUR STREET, PORTMAN SQUARE, W.,  
LONDON, *21st July 1869.*

MY DEAR SIR—You have been pleased, in forwarding me a copy of your Reports on the Cattle Plague, to speak in very flattering terms of any opinion which I might express in reference to them.

I presume that your reason for sending me the publication, is the fact of my having done some work for the above office in connection with epidemic diseases. I very much regret, however, that my knowledge of the Cattle Plague is so slight, that I feel it would be presumptive for me to pass an opinion on the results of work so carefully and scientifically carried out. I do, however, thank you for giving me an opportunity of seeing your Reports in full. I have had much pleasure in reading them



most carefully ; my own views of the malady have become more distinct, and I cannot but feel that you have presented me with a most valuable contribution to the history of the Rinderpest, which is beautifully illustrated, and draws most clear distinctions between that disease and others which at first sight are apparently allied to it.

I am, my dear Sir, yours very faithfully,

R. THORNE THORNE.

To Dr ANDREW SMART.

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## XII.

From PROFESSOR POLLI, M.D., Milan, Honorary Member of  
the British Association, &c., &c., &c.

REALE ISTITUTO LOMBARDO DI SCIENZE E LETTERE,  
MILAN (ITALY), 28th July 1869.

DEAR SIR,—I have perused your interesting Reports on the pathological appearances, symptoms, treatment, and prophylaxis of the Cattle Plague you have had the kindness to send me. The coloured lithographs and the analytical tables are of striking evidence. I recollect the dissections of many dogs injected by me with infectious matters (putrefied blood, or purulent, ichorous matter), and the appearances of the lining membrane of the intestine, and the crenated and stellar form of the red corpuscles ; they are in your plates exhibited with the greatest evidence. The artificial disease I induced in the dogs by experiment was either *prevented* or *cured* by the treatment with the sulphites.

Your plates and your clinical observations are also



a confirmation of the *zymotical nature* of the Cattle Plague, and of the useful application of the sulphites.

I think you have treated the question very deeply, by severe pathological investigations on the dead bodies, and by an intelligent direction in the treatment.

Stating that Rinderpest is caused by a blood poison, acting either by fermentation or decomposition of the normal humours, the sulphitic therapie was certainly well indicated, both as a *preventing* medicine as well as a *curing* one.

You have the merit of having recommended and proved the efficacy of the *prophylactic* treatment with the sulphites. The facts are so numerous and eloquent in favour of this last application of the sulphitic salts, as related in your interesting Report, 20th March, that no resistance is possible. But I might invite you to promulgate also the *cure* with the same remedy.

I take the liberty to send you certain directions I had published in the *Industrial Bulletin* of the Italian Government in 1866, where is indicated, with the most important details, the *cure* and the *preventive treatment* of the Cattle Plague, as well as of other epizootics, with the *sulphites*, and some other Italian publications on the argument, which will prove that all the *infectious diseases* of our domestic animals can be *cured* or *prevented* with a good administration of sulphitic salts.

I must apologise if I cannot give you a translation of them. I can only send you some copies of the Paper I read at the Meeting at Dublin on this argument.

I shall be happy to present to my Italian medical friends, and to the veterinarians, your very inter-



esting researches and clinical experiments, which I think are evident proof of your eminent knowledge of Pathology, and your fitness for a Chair.

I hope you will be so kind as to let me know if the *preventive* treatment of the Rinderpest has been as successful as the *curative* one.

I am most happy to send you, dear sir, a very fraternal shakehand.—Sincerely yours,

JOHN POLLI.

ANDREW SMART, M.D., Edinburgh.

### XIII.

From H. G. RAWDON, M.D., Surgeon to the Liverpool Children's Infirmary, late Lecturer on Pathology at the Liverpool Royal Infirmary School of Medicine.

42 RODNEY STREET,

LIVERPOOL, 28th July 1869.

I beg to offer my testimony in favour of the high qualification of Dr Andrew Smart, candidate for the Chair of Pathology in the University of Edinburgh.

Dr Smart's name is well known in England as the author of the best series of researches, in this country, on the Pathology of the Cattle Plague. The great ability which he there shewed as a Pathologist, combined with his experience as a practical Physician, as evidenced by his other contributions to medical science, and the important offices he has held in the University and Royal Infirmary of Edinburgh, prove him to be well qualified for the high position he is seeking.

H. G. RAWDON.

## XIV.

From C. J. GIBB, M.D., Lecturer on Pathology in the Newcastle-on-Tyne College of Medicine in connection with the University of Durham. Author of Report on "Epidemic Cholera," &c., &c.

WESTGATE STREET,  
NEWCASTLE ON TYNE, *July 26. 1869.*

DEAR SIR,—I have to thank you for the copy of your Report upon the Cattle Plague, and to express the great gratification I have had in reading it. Any one at all conversant with Pathological research must recognise it as proceeding from the hand of a master.—Yours faithfully,

C. J. GIBB.

AND. SMART, Esq., M.D.

## XV.

From E. D. MAPOTHER, M.D., Professor of Physiology in the Royal College of Surgeons, Ireland, and Examiner in Surgery, Queen's University. Author of "Manual of Physiology and the Principles of Disease;" "Lectures on Public Health;" Pathological Prize Essay on "Hip Joint;" and numerous other important Works on Pathology, &c.

125 STEPHENS GREEN WEST,  
DUBLIN, *July 24. 1869.*

I have great pleasure in bearing testimony to the excellence of Dr A. Smart's Report on the Pathology of the Cattle Plague, which displays great powers of observation and research. It is a work which shews that writer is a sound and original Pathologist.

E. D. MAPOTHER.



## XVI.

From JAMES BELL PETTIGREW, M.D. Edin., F.R.S.  
 Lond. ; Croonian Lecturer to the Royal Society of London for  
 1860 ; Lecturer to the Royal Institution of Great Britain and  
 Russell Institution for 1867. Author of "The Arrangement of  
 the Muscular Fibres of the Vertebrate Heart" (*Phil. Trans.*) ;  
 "On the Relations, Structure, and Function of the Valves of  
 the Vascular System in the Vertebrata ;" "On the Ganglia and  
 Nerves of the Heart, and their Connection with the Cerebro-  
 Spinal and Sympathetic Systems in Mammalia" (*Proceed.  
 Roy. Soc. Edin.*, 1865) ; "On the Muscular Arrangements of  
 the Bladder and Prostate, and the manner in which the  
 Ureters and Urethra are closed" (*Phil. Trans.* 1867) ;  
 "Contribution to the Arrangement of the Muscular Fibres  
 in the Human Stomach" (*Quain's Anatomy*, new ed., 1867) ;  
 "On the Presumption of Survivorship" (*Brit. and For.  
 Med.-Chir. Rev.*, 1865) ; "On the various Modes of Flight  
 in relation to Aëronautics" (*Proceed. Roy. Inst. Great Brit.*,  
 1867), &c., &c.

SOMERTON HOUSE,

WEXFORD, IRELAND, July 13. 1869.

I cannot express in too strong terms my great admiration of Dr Smart, as a gentleman, a cultivated and elegant scholar, a fluent speaker and debater, an original investigator and thinker, and as an accomplished and unusually successful physician. As a student, Dr Smart was greatly distinguished for the earnestness, I might almost say avidity, with which he pursued his medical studies, for the extent and variety of his information, which were encyclopedic in their character, for the breadth and profundity of his views on involved and intricate problems, and for the rare



ability, address, and power, with which he unravelled some of the most difficult and disputed points which came before the Royal Medical Society, of which he was an admired President. Dr Smart's professional zeal and indefatigable industry are alike prominent ; nor is his great thirst for knowledge less apparent, this having induced him, after graduating at Edinburgh, to continue his studies at the leading British and Continental Universities, famous at once for their pathological Schools and Museums. His long residence, moreover, as Physician to the Royal Infirmary of Edinburgh, and in the Rotunda Hospital of Dublin, afforded him rare opportunities for studying Pathology in its various branches. These, in conjunction with his numerous microscopic examinations of morbid products, especially qualify him for and give him a high claim on the appointment for which he is at present a candidate. Finally, Dr Smart has a decided predilection and capacity for Pathological research ; his very original and able observations on the Nature and Treatment of Small Pox, Diabetes, and a variety of other Diseases, and his very elaborate and exhaustive Memoirs on the Pathology of Rinderpest, evincing rare sagacity, consummate practical skill, and profound scholarship. In fact, these Memoirs and Papers stamp Dr Smart as an original thinker of a high order, and award him a distinguished place amongst scientific inquirers and discoverers. To a most powerful, original, and highly cultivated mind, Dr Smart adds that modesty which usually accompanies the higher order of merit. He is liberal, learned, refined, and his manners are particularly gentle and unobtrusive. He is, moreover, unusually considerate of the feelings



and claims of others, and would make a most acceptable and successful teacher, as he attracts by his affability and sincerity all who come within his reach. Whether, therefore, I regard Dr Smart as a gentleman, a scholar, a fluent, able, and eloquent expounder, as an original thinker and discoverer, or as a carefully and thoroughly educated Pathologist and Physician, he is in my opinion eminently qualified to fill the vacant Chair of Pathology in the University of Edinburgh. His appointment could not fail to give great satisfaction to the Senatus and Students, and would assuredly add lustre to the celebrated University of which he is a most worthy and distinguished graduate.

JAMES BELL PETTIGREW.

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XVII.

From JAMES B. SIMONDS, Professor of Pathology in the Royal Veterinary College, London; Inspector Veterinary Department of the Privy Council.

VETERINARY DEPARTMENT,  
PRIVY COUNCIL OFFICE, *August 11. 1869.*

DEAR SIR,—Although I have not the pleasure of a personal acquaintance with you, it nevertheless affords much pleasure to state, that I have read your writings on the Cattle Plague with great gratification; and judging from your Pathological knowledge therefrom, I have the satisfaction to state, that I believe you are well qualified to fill the Chair of General Pathology in the University of Edinburgh.

Yours very truly,

JAS. B. SIMONDS.

Dr A. SMART, &c., &c.

## XVIII.

From BALTHAZAR W. FOSTER, M.D., M.R.C.P. Lond.,  
 Professor of Medicine in Queen's College, and Physician to  
 the General Hospital, Birmingham; Member of the Patho-  
 logical Society, London; formerly Prosector of Anatomy at  
 the Royal College of Surgeons, Ireland. Author of Lectures  
 "On the Nature, Causes, and Treatment of Dyspepsia;"  
 and of important Contributions to Pathology and Practical  
 Medicine.

GROSVENOR HOUSE, EDGBASTON,  
 BIRMINGHAM, *July 31. 1869.*

Although I have not the pleasure of personally know-  
 ing Dr Smart, I have long been acquainted with his  
 very able and interesting Cattle Plague Reports. These  
 Reports worthily rank among the best scientific work  
 done on the subject, and are an ample guarantee in  
 themselves of the ability and powers of observation  
 and experiment which Dr Smart would bring to the  
 discharge of the duties of the Chair of Pathology in  
 Edinburgh University.

BALTHAZAR W. FOSTER.

## XIX

From WALTER MOXON, M.D., F.R.C.P. London, Lecturer  
 on Pathology and Morbid Anatomy in Guy's Hospital;  
 Author of "Loss of Speech in Hemiplegia," "Visceral  
 Syphilis;" and numerous other important contributions to  
 Pathology.

6 FINSBURY CIRCUS, *27th July 1869.*

DEAR SIR—I am exceedingly sorry that your letter  
 was misplaced and escaped my remembrance till just



now. I have already spoken very strongly in reply to a note from my friend Dr Grainger Stewart, who wrote to me some days before I received your Report. I thank you much for the Report, which I have read with much instruction, and which I very much admire. The subject has received a very broad and thorough treatment from you, and much light is thrown upon it by you. Assuredly if my friend Stewart fails and you succeed, the professorship will nevertheless be in hands of eminent ability. Your appointment could not fail to give great satisfaction, and add to the lustre of the University. Such work as your Report merits the highest position and recognition. Repeating my thanks for your present, I am ever, yours faithfully,

W. MOXON.

Dr ANDREW SMART.

## XX.

From EDWARD LEDWICK, Fellow of the Royal College of Surgeons in Ireland; Member of Council of same Body; Surgeon to Mercer's Hospital; Lecturer on Physiology, Pathology, and Surgical Anatomy, &c.

7 HARCOURT STREET,  
DUBLIN, 6th August 1869.

MY DEAR SIR—I have read over very carefully your several productions on the Cattle Epidemic in Scotland, and feel happy in being enabled to state, that from the vast amount of information displayed on the subject, and from the scientific manner in

which it has been handled, I regard it as a very valuable adjunct to the literature of the present day, shewing as it does clearly and distinctly the proper mode in which the complex phenomena disclosed by Pathology should be discussed and taught. I can therefore only express the very sincere hope that you may yet succeed in obtaining a wider field for the exercise of that talent, of which you have afforded such convincing proofs in the essays at present before me.

EDWARD LEDWICK.

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XXI.

From Dr JOHANNES RANKE, Professor of Physiology, and  
from PROFESSOR FRANCK, Munich.

MÜNCHEN, *den 5ten August 1869.*

GEEHRTER HERR DOCTOR,—Mit grossem Interesse habe ich von Ihrer werthvollen Untersuchung über die Rinderpest Einsicht genommen, aus welcher ein echt wissenschaftlicher Geist hervorleuchtet, der den Autor zu einer hervorragenden Lehrstelle gewiss geeignet erscheinen lässt.

Eine unserer deutschen Autoritäten über Rinderpest, Professor L. Franck in München, spricht sich über Ihre Untersuchung in einem Briefe an mich in folgender Weise aus: "Es bildet eine recht werthvolle Bereicherung der Monographien über Rinderpest. Die Sectionserscheinungen sind sehr sorgfältig beschrieben und gewissenhaft das Unwesentliche vom



Wesentlichen ausgeschieden. Dabei lässt sich nicht verkennen, dass der Autor immer mit grosser Objectivitaet verfuhr, was namentlich bei solchen noch nicht vollkommen enforschten Krankheiten doppelt werthvoll ist. Die beigelegten Abbildungen bilden eine höchst werthvolle Beigabe, namentlich für Solche, welche die Rinderpest aus eignen Anschauung nicht kennen gelernt haben. Als besonders wichtig möchte ich den Umstand betonen, dass der Autor die Veränderungen, die das Fleisch bei rinderpestkranken Thieren erleidet, gewissenhaft beschrieb. Für die Fleisch-Beschau, für das Fleisch essende Publicum haben derartige Betrachtungen das groesste practische Interesse."

Soweit Professor Franck.

In vollkommener Hochachtung, Ihr Ergebenster,

Dr J. RANKE, Prof.

An Herrn Dr SMART, Edinburgh.

(*Translation.*)

ESTEEMED DOCTOR,—With great interest have I made myself acquainted with your very valuable investigation on the Rinderpest, out of which there shines a truly scientific spirit, which allows one to perceive that the author is certainly qualified for an important teaching position.

One of our German authorities on Rinderpest, Professor L. Franck of Munich, expresses himself in the following manner concerning your researches in a letter to me: "It constitutes a truly valuable addition to the monographs on Rinderpest. The appearances seen on dissection are very carefully

written, and conscientiously what is important distinguished from that which is unimportant. One cannot help perceiving that the author always founds his assertions upon a close observance of facts, a thing of immense importance in (the study of) diseases not yet fully investigated. The appended illustrations form a highly valuable addition, especially for those who have not, by their own experience, learned to recognise Rinderpest. In addition, I attach weight to the circumstance that the author has conscientiously described the alterations which the flesh of animals suffering from Rinderpest undergoes. For meat inspection, and for the flesh-eating public, considerations of this kind are of the greatest practical importance."

Thus much says Professor Franck.

With greatest regards, yours truly,

Dr J. RANKE, Prof.

Dr SMART, Edinburgh.

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## XXII.

From ROBERT M'DONNELL, M.D., Dublin, F.R.S., Fellow of the Royal College of Surgeons, Ireland. Author of "Lectures on the Physiology of the Nervous System;" on "The Functions of the Liver;" and numerous other important Contributions to Pathology and Physiology.

14 LOWER PEMBROKE STREET,  
DUBLIN, 29th July 1869.

I have not the pleasure of knowing personally Dr A. Smart. I have perused his Reports on the Pathological appearances, &c., of Cattle Plague, and I can-



not hesitate to say that in these Reports there is abundant evidence of great powers of observation and extensive Pathological knowledge.

ROBERT M'DONNELL.

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XXIII.

From JAMES MURIE, M.D., F.L.S., Prosector of Comparative Anatomy and Pathology to the Zoological Society, London; formerly Pathologist to the Glasgow Royal Infirmary, &c., &c., &c.

ZOOLOGICAL SOCIETY'S GARDENS,  
REGENT'S PARK,  
LONDON, N.W., *19th July 1869.*

My knowledge of the labours of Dr Andrew Smart as a Pathologist was first made in 1865, through his very able investigations and "Reports" concerning the Cattle Plague.

Having then officially had occasion to inspect and in some degree study the disease, Dr Smart's "Reports" naturally elicited my attention.

The clear pointed manner in which he dealt with his subject, and the views thereon, compared with Zymotic diseases in the human body, gave me a most favourable opinion of his powers to grapple with the essentials of complicated lesions.

Since that time, some papers by the same author—on Variola and Diabetes—have increased my estimation regarding his capacity as an expounder of the principles involved in Morbid Anatomy.

Although unacquainted with Dr Smart personally,

yet, for the above reasons, and from what I know from others of his manners and qualifications generally, I have great confidence in his proving an able Professor, well suited to fill the Chair of Pathology in the University of Edinburgh.

JAMES MURIE.

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XXIV.

From the UNITED STATES of AMERICA.

Extracts from the "First and Second Reports of the Special Committee appointed by the Executive Board of the N. Y. State Agricultural Society, of the Statistics, Pathology, and Treatment of the Epizootic Disease known as the Rinderpest."

(Committee) Dr JULIEN T. WILLIAMS.

„ L. H. TUCKER.

„ M. C. WELD.

Mr GOULD.

The Hon. A. B. CONGER.

Mr JUDD,

President of the N. Y. State Agricultural Society.

"The different schools have been fertile in their inventions and modifications of the treatment pursued, whether prophylactic, hygienic, or curative. Of these, the Allopathic, as the older and with a larger discipleship, is first in the order of our sketch, and of this school in Great Britain, Smart and Gamgee may be ranked as the leading authorities. . . . Of the works referred to in the first report, that of Dr Smart of Edinburgh, with its splendid pathological



illustrations, has been most invaluable to your committee in the delineation of symptoms and morbid anatomy. . . . The pathological appearances which follow are principally those obtained by Dr Smart from dissections made at the Edinburgh Sanatorium and at Tyne Castle, of over one hundred animals. Wherever other authorities differ from Smart, we shall, under each head, note the discrepant statements, as these clearly reveal modifications of the disease as observed by Smart, depending upon differences of nervous susceptibility of constitution, perhaps of climatic influences ; different habits in regard to food, diet ; previous or concurrent lesions of other diseases, &c. . . . Veterinary science is now invoking to its aid the most eminent pathologists and therapeutists of the age, in order to secure the mastery of this disease. And this should not only be a cause of gratulation to all agriculturists, of whatever nation or clime, and a source of hope for the future, but it should inspire all further investigation, and the handling of every case, wherever and whenever it may occur, with the same feeling. We do not hesitate then to say, terrible as the pictures of such desolations as have been wrought in Great Britain may be, that the treatment of this pestilence in any new country it may visit should, from its first onset, be courageous and hopeful."

III.

FROM PROFESSORS AND TEACHERS OF MEDICAL  
SCIENCE RELATED TO PATHOLOGY,  
AND FROM EMINENT PRACTITIONERS OF MEDICINE.



THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY  
JANUARY 1921  
TO THE HONORABLE CHIEF OF BUREAU OF MINES  
WASHINGTON, D. C.  
FROM T. W. RICHARDS  
DIRECTOR OF THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY  
CHICAGO, ILL.

Enclosed for the Bureau of Mines are two copies of a report on the results of the investigation of the properties of the various forms of carbon, and of the effect of temperature and pressure on the rate of reaction between carbon and oxygen. The report is the result of a series of experiments conducted during the past year, and is the work of the following persons: T. W. Richards, Director of the University of Chicago, Department of Chemistry; J. H. Phipps, Assistant Professor of Chemistry; and J. H. Phipps, Assistant Professor of Chemistry.

XXV.

From JAMES BEGBIE, M.D. Edin., Fellow of the Royal Society; Fellow, and formerly President, of the Royal College of Physicians, Edinburgh; Physician to the Queen in Scotland. Author of "Contributions to Practical Medicine;" "Medical Statistics of Life Assurance;" "Therapeutical Effects of Bromide of Potassium," &c., &c.

10 CHARLOTTE SQUARE,  
EDINBURGH, *14th July 1869.*

MY DEAR DR SMART,—You ask me for an expression of my opinion of your fitness for the Chair of General Pathology in the University of Edinburgh.

I have already borne testimony to the eminent qualifications of another candidate; but, perhaps, that is no reason why I should decline acceding to your request.

Allow me, then, to say, that I consider you well qualified by education, by talent, by patient industry, by enlarged acquirements, by gift of language, and facility of conveying information, to undertake the duties of such a Chair.

You have laid the profession and the public under deep obligations to you by your admirable investigations into the history and pathology of the Cattle Plague. This debt cannot readily be forgotten; nor, may I be allowed to say, can I forget the valuable



assistance you have so long afforded me in conducting minute examinations into more general Pathology, requiring an intimate acquaintance with morbid anatomy, and skill in the discovery of early departures from health.

Believe me, dear Dr Smart, very faithfully yours,  
J. BEGBIE.

Dr SMART, Melville Street.

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## XXVI.

From SIR WILLIAM JENNER, BARONET, M.D., F.R.S.,  
Physician in Ordinary to H.M. the Queen, and to H.R.H. the Prince of Wales; Professor of Clinical Medicine, University College, London; formerly Professor of Pathological Anatomy, University College, London; Physician to University College Hospital. Author of "On the Identity and Non-Identity of Typhus and Typhoid Fevers;" "Gulstonian Lectures," 1852; "Acute Diseases;" and numerous important works on Pathology and Practical Medicine.

63 BROOK STREET, GROSVENOR SQUARE, W,  
LONDON, *July 31. 1869.*

Dr Andrew Smart's Reports on the Pathology of the Cattle Plague prove him to be an able Pathologist, and worthy of the position of Professor of General Pathology in the University of Edinburgh.

WILLIAM JENNER.

## XXVII.

From J. WARBURTON BEGBIE, M.D., Fellow of the Royal College of Physicians, and Examiner in Medicine in the University of Edinburgh; formerly Lecturer on Practice of Physic and Clinical Medicine; and Physician to the Royal Infirmary of Edinburgh. Author of numerous Papers in Reynold's *System of Medicine*, and in various Journals, &c.

Dr Andrew Smart is well known as a very distinguished graduate of the University, and as having devoted special attention to Pathological investigations and morbid anatomy.

While occupying the position of Resident Physician in the University Wards of the Royal Infirmary, Dr Smart was largely engaged in communicating instruction, and this he did with great ability and success.

Dr Smart's published writings, particularly those on the Pathology of the Cattle Plague, and on the influence of diet in the treatment of Diabetes, are a sufficient guarantee of his powers in original research and in accurate description.

His amiability of character, in addition to his professional qualifications, would make Dr Smart an agreeable colleague in any body of Professors.

J. WARBURTON BEGBIE.

EDINBURGH, August 7. 1869.

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## XXVIII.

From PETER MILLER, Surgeon, Senior Bailie of the City of  
Edinburgh.

8 BELLEVUE TERRACE,  
EDINBURGH, *17th July 1869.*

DEAR SIR,—I have great pleasure in expressing my opinion as to your eminent qualifications as a Pathologist. The Reports furnished by you in 1865 to the Lord Provost and Magistrates of this city on the Pathological Appearances, Symptoms, Treatment, and Means of Preventing Cattle Plague, were among the first given to the public, and from their great accuracy of detail have now become of the highest authority, not only in this country but also on the Continent of Europe and in America. That success has arisen, in my opinion, from the peculiar faculty possessed by you of distinguishing minutely the morbid from the healthy structure of the animal tissues, and the not less special faculty of describing those minute appearances and differences in precise and graphic language, easily understood even by the uninitiated in medical science. Having succeeded so well in a great emergency in your first efforts in describing the then entirely unknown Pathology of the most terrible disease which can afflict the most useful of domestic animals, I have no manner of doubt that the same mental qualifications qualify you in a still more eminent degree for the study and teaching of human Pathology—the Pathology of man and of the lower animals being alike both as regards their nature and the methods by which they are investigated. With my sincere wishes for your success, I am, dear Sir, yours faithfully,

P. MILLER.



## XXIX.

From JAMES MATTHEWS DUNCAN, A.M., M.D., Fellow and Member of Council of the Royal Society, Edinburgh; Fellow and Examiner of the Royal College of Physicians; Lecturer on Midwifery; Physician and Clinical Lecturer Royal Infirmary. Author of works on "Fecundity, Fertility, and Sterility;" "Perimetritis and Parametritis;" "Obstetric Researches," &c.

10 CHARLOTTE SQUARE,  
EDINBURGH, *July 14. 1869.*

I have pleasure in certifying that I have enjoyed the acquaintance of Dr Smart for a considerable time. He first became well known several years ago, while the Rinderpest was raging. His pathological researches, then carried on and published, attracted much notice, both at home and abroad, and have received very high praise from gentlemen familiar with cattle pathology.

It is almost needless to say that, for all animals, including man, there is only one great pathological science; that a contribution to cattle pathology is indirectly a contribution to human pathology; that both departments of the science are investigated by the same methods; and that a man eminent in the one is, *pro tanto*, eminent in the other.

I understand that Dr Smart has paid much attention to human pathology, both in home and foreign schools; and I have no doubt that if appointed to the Chair of Pathology now vacant in the University of Edinburgh, he will turn his great talents to good account.

J. MATTHEWS DUNCAN.

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## XXX.

From AQUILLA SMITH, M.D., F.K.Q.C.P. Ireland; Member of the General Medical Council; Member of the Royal Irish Academy; Regius Professor of Materia Medica in the School of Physic, Trinity College, Dublin. Author of "Contributions to the History of Medicine," &c. &c.

121 LOWER BAGGOT STREET,  
DUBLIN, *July 26. 1869.*

TO DR ANDREW SMART.

DEAR SIR,—I beg to acknowledge, with thanks, the receipt of your "Reports on the Pathological Appearances, Symptoms, Treatment, and Means of Preventing Cattle Plague."

Having read your Reports, and carefully examined the Table of Dissections, together with the well-executed chromo-lithographs of the morbid appearances, I consider that I am now qualified to recognise the disease which constituted the Cattle Plague. I should say that, previous to my reading your Reports, I was ignorant of the character of the disease which, from the Table of Dissections, appears to have attacked *cows* in the proportion of a little more than 90 per cent.

The laborious investigations which you have so ably conducted in reference to the Cattle Plague, establish your competency to investigate human pathology in its widest extent.

I am, dear Sir, yours faithfully,

AQUILLA SMITH.

## XXXI.

From A. PEDDIE, M.D., F.R.C.P. Edin., F.R.S.E., &c., Author  
of "The Pathology of Delirium Tremens," &c., and of  
various Papers in the Medical Journals.

15 RUTLAND STREET,  
EDINBURGH, *2d August 1869.*

DEAR DR SMART—In compliance with your request, I have much pleasure in sending you a Testimonial as to fitness for the Chair of Pathology in our University, although I have already written one in favour of Dr Sanders.

When your researches on the Rinderpest were first published, I was struck with the remarkable industry and ability displayed in them ; and friendly and professional intercourse since have confirmed me in the opinion, that you possess qualities of mind, and such knowledge of Medical Science generally, as must eminently fit you for successfully investigating and teaching the subject of Pathology.

With much regard, believe me, yours truly,

A. PEDDIE.

## XXXII.

From STEPHEN MACSWINEY, M.D., Professor of Medical  
Jurisprudence in the Catholic University, Dublin ; Senior  
Physician, Jervis Street Hospital, &c., &c., &c.

111 STEPHENS STREET WEST,  
DUBLIN, *August 7. 1869.*

ANDREW SMART, Esq., M.D.

DEAR SIR—I have the honour to acknowledge the receipt of a copy of Reports on the Pathology of



Cattle Plague, which you have been so good as to send me. I have read it with much interest and instruction. And I have no hesitation in saying, that in my opinion a perusal of these essays is sufficient to prove to any one competent to form a correct judgment upon the subjects to which they relate, that you are a highly scientific, an accurate, and an accomplished Pathologist, well qualified to fill the Chair of General Pathology in the University of Edinburgh.

I have the honour to be, dear Sir, very truly yours,  
S. M. MACSWINEY.

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### XXXIII.

From W. A. F. BROWNE, M.D., F.R.C.P., F.R.S.E., Ex-President of the Medico-Psychological Association; and Commissioner in Lunacy, Scotland.

5 JAMES PLACE, LEITH,  
5th August 1869.

I have known Dr Andrew Smart, F.R.C.P., &c., for many years, in fact since he was a student of the University of Edinburgh. During all that period, his course has been distinguished by a disposition to engage in Pathological research, and actively to prosecute such investigations whenever an opportunity was presented. He has, moreover, cultivated various branches of general science, is a fluent and clear speaker, an upright and conscientious man, and of liberal and enlightened views.

His labours and work on the Pathology of the Cattle Plague, alone entitle his claims as a Candidate

for the Chair of Pathology to consideration, and his appointment would adequately reward a most industrious and deserving man.

W. A. F. BROWNE.

ANDREW SMART, Esq., M.D., &c., &c.

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XXXIV.

From CHARLES A. CAMERON, Ph. D., M.D., L.K. & Q.C.P.I.,  
Hon. Mem. New York State Agricultural Society, Agricultural Society of Belgium, &c.; Professor of Hygiene R. C. Surgeons, Ireland; Professor of Chemistry and Physics, Steeven's Hospital and Medical College; Lecturer on Chemistry Ledwich School of Medicine; Analyst to the City of Dublin; Co-Editor of *Irish Farmer's Gazette*; Author of the "Chemistry of Agriculture," the "Stock Feeder's Manual," "Lectures on Health," &c., &c., &c.

102 LOWER BAGGOT STREET,  
DUBLIN, 28th July 1869.

DEAR SIR,—I beg to thank you very much for the copy of your valuable Reports upon the Pathology of the Rinderpest, which you were so kind as to forward to me. I had read the first editions of these Reports with great interest. They appeared to me to be the most important contributions to our knowledge of the Cattle Plague which had been published. The researches described in them would have reflected the highest degree of credit upon a scientific Veterinarian, much less upon a practitioner of Human Medicine. No one not possessed of an extensive



knowledge of Comparative Anatomy and the Pathology of the domesticated animals, could have prepared such admirable treatises.

I find your Reports on the Rinderpest extensively quoted, and always with commendation. In the transactions of the New York State Agricultural Society they are referred to at great length.

I remain, dear Sir, very faithfully yours,

CHARLES A. CAMERON.

Dr SMART.

&c., &c., &c.

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### XXXV.

From ARTHUR GAMGEE, M.D., F.R.S.E.; Author of "A Memoir on the Action of Nitrites on Blood," in the *Philosophical Transactions*, and numerous other papers.

UNIVERSITY OF EDINBURGH,  
28th July 1869.

I have great pleasure in expressing the high opinion which I entertain of Dr Andrew Smart's ability as a Pathologist.

Dr Smart was well known during his career as a student in the University of Edinburgh, by his great ability, his general culture, and the devotion with which he prosecuted his work. Elected at an early period one of the Presidents of the Royal Medical Society, he displayed an ability in debate which impressed me, as I believe it did all his contemporaries in the Society, as evincing an active and vigorous

intellect, likely to render him distinguished in his subsequent professional career. After the completion of his studies, Dr Smart became a Resident Physician in the Royal Infirmary. I occupied a similar position at the same time, and I cannot forget the earnestness with which he discharged his regular duties, no less than the scientific ardour with which he occupied himself in the study of subjects which could not properly be considered to fall within the range of duty, but which attracted his attention as a scientific man. He carried on, at that time, a series of inquiries on Diabetes, and on the influence of drugs (especially of chlorate of potash) on the course of that disease, which possessed, in my opinion, great interest, but of which only an abstract has hitherto been placed before the profession.

After devoting some time to the special study of Pathology in the school of Berlin, Dr Smart was intrusted by the Magistrates of this city with an investigation on the Pathological Appearances, Symptoms, Treatment, and Means of Preventing Cattle Plague; and his admirable Reports, bearing chiefly on the Morbid Anatomy of this interesting Disease, have proved him to be a most accurate Pathologist, endowed with great perseverance.

ARTHUR GAMGEE.

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## XXXVI.

From JAMES CRICHTON BROWNE, M.D. Edin.; Medical Director of the West Riding of Yorkshire Asylum; formerly Senior President of the Royal Medical Society of Edinburgh, and Lecturer on Medical Psychology in Newcastle College of Medicine. Author of "Psychical Diseases of Early Life"; "Personal Identity"; "Mania Ephemera," &c., &c.

WEST RIDING ASYLUM,  
WAKEFIELD, 13th July 1869.

Dr Andrew Smart has asked me to state my opinion as to his fitness for the Chair of General Pathology in the University of Edinburgh, and although I have already granted a testimonial to another candidate, I cannot refrain from complying with his request, out of a regard for our long-standing and sincere friendship, and the esteem in which I hold his talents and accomplishments.

My knowledge of Dr Smart is of the most intimate character, and dates back to the time when we were fellow-students together, and when his distinguished abilities and amiable disposition led me to seek a closer acquaintance with him. At that period Dr Smart was remarkable for the broad scope of his faculties, and for the success with which he applied himself to his professional studies, while the part which he took in the debates of the Royal Medical Society established his reputation as a powerful thinker and a graceful and eloquent rhetorician. The easy superiority which Dr Smart then attained over the majority of his compeers has been since maintained and heightened in his conduct of an extensive private practice and in his scientific investigations,



which have been of a varied description, most of them, however, bearing upon General Pathology. The best known of these investigations, his ingeniously devised and well executed researches into the Origin, Progress, and Treatment of the Cattle Plague, and his luminous exposition of his observations and discoveries, have drawn forth expressions of admiration from all quarters of the country ; and his less notorious, but equally interesting inquiries into numerous obscure cognate subjects in human Pathology, have betokened a sustained energy, a discriminating insight, and an accuracy in the interpretation of nature, such as are rarely combined in one person.

Dr Smart is a man of much original energy, who will not rest satisfied with mere traditional dogmas, but will enlarge the boundaries of our knowledge of disease. He is impressed with the privilege of intellect, venerates labour for its own sake, and is animated by Christian and philanthropic sentiments.

He is also a man of exalted character, of genial temperament, and of engaging manners,—attributes of no slight importance in one who aspires to become a teacher in a Scotch university.

Whether I consider the good and useful work which Dr Smart has already accomplished, or his capacity for still higher endeavours, the native strength of his faculties or their effective training, I am equally assured that he is singularly well qualified for assuming the Professorship of Pathology in the University of Edinburgh. That high trust would never be jeopardised in his keeping.

J. CRICHTON BROWNE.



## XXXVII.

From J. RUTHERFOORD KIRKPATRICK, M.D., F.R.C.S.I.,  
Ex-Assistant Physician Dublin Lying-in Hospital.

32 RUTLAND SQUARE, DUBLIN, *16th July 1869.*

I have had the pleasure of being acquainted with Dr Smart since 1863, when he came to study Midwifery in the Dublin Lying-in Hospital.

Having had many opportunities of knowing him as a Pathologist and skilful Physician, I have the very highest opinion of his professional attainments.

J. RUTHERFOORD KIRKPATRICK.

## XXXVIII.

From JOHN CLELAND, M.D., Professor of Anatomy and Physiology, and one of the Clinical Lecturers in Queen's College, Galway. Author of "Prize Thesis on the Structure and Mechanism of the Gubernaculum Testis;" "On the Relations of the Vomer Ethmoid and Intermaxillary Bones." Joint-Author of "Quain's Anatomy," &c., &c.

*24th July 1869.*

Dr Smart is a graduate of the University of Edinburgh, and having pursued his studies there with much assiduity, he completed them at the great French and German Schools. The success of his labours is fully attested by his having been recommended to the Senatus by Dr Laycock, to assist him in the responsible duties of his chair, and much more by his "Reports on the Cattle Plague," which contain an elaborate account of the morbid appearances presented by many cattle which died of that malady.

JOHN CLELAND.

## XXXIX.

From W. FRASER, M.R.I.A., Lecturer on Medicine, Carmichael School, Dublin. Author of "Treatment of Diseases of the Skin;" "Elements of Materia Medica," &c., &c.

20 HARCOURT STREET,  
DUBLIN, 30th July 1869.

DEAR DOCTOR,—I have read your Report on Cattle Plague with much interest, and have no hesitation in testifying the thorough acquaintance which it shews with Pathological Anatomy. From the great ability with which you have worked one special department, I feel that you would be unusually well qualified to discharge the duties of a Pathological Chair, and that your appointment to such a post would be a material advantage to the University that would secure your services.

Believe me, dear Sir, yours sincerely,

W. FRASER.

To Dr SMART, Edinburgh.

## XL.

From S. MARTYN, M.D. Edin., M.R.C.P. London; Senior Physician Bristol Gen. Hosp.; and Lecturer on the Practice of Medicine in the Bristol School of Medicine. Author of the Edinburgh Graduation Prize Essay 1852, "On the Oblique Muscles of the Eye;" "Hospitals Past and Present;" "Micrological Notes;" "Typhus Fever in Bristol," &c., &c.

RICHMOND HILL, CLIFTON,  
BRISTOL, July 30. 1869.

Dr Andrew Smart has established his reputation as a Pathologist. His Reports on the Pathology, &c.,



of Cattle Plague, contain some of the best work accomplished in that branch of science during the last few years.

S. MARTYN.

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XLI.

From M. SCHIFF, Professor of Physiology in the University at Florence.

(*Extract from Letter.*)

FLORENCE, *Le 5 Août 1869.*

MONSIEUR,—Une grave maladie de mon fils m'a empêché de répondre jusqu'à présent à votre lettre, à laquelle je me serais autrement fait un devoir de répondre immédiatement. . . . Monsieur, votre mémoire que je ne connaissais pas avant, je l'ai lu avec le plus grand intérêt. . . . La pathologie comparée s'est, de nos jours, tellement incorporée dans la pathologie générale, qu'elle est indispensable pour traiter scientifiquement la pathologie humaine. . . . Votre travail est si riche en détail et basé sur un si grand nombre d'autopsies, faites avec le plus grand soin, autant au moins que les circonstances le permettaient, que ce travail seul suffit pour donner une idée très favorable de vos connaissances et de votre méthode. . . .

Agréez, Monsieur, mes salutations distinguées.

M. SCHIFF.

(*Translation.*)

FLORENCE, *5th August 1869.*

SIR,—My son having been seriously ill, I have been prevented from sooner answering your letter,

which I would otherwise have made a duty to reply to immediately. . . .

Well, Sir, I have read your memoir, with which I was not previously acquainted, with the greatest interest. . . .

Comparative pathology has, in our time, become so thoroughly incorporated with general pathology, that it is indispensable to the scientific treatment of human pathology. . . .

Your work is so rich in details, and based on so large a number of autopsies, made with the greatest care, so far at least as the circumstances permitted, that it may suffice to give a very favourable impression of your knowledge and of your method. . . .

Accept, Sir, my distinguished salutations.

M. SCHIFF.

## XLII.

From THOMAS ANNANDALE, F.R.S.E., F.R.C.S.E., Lecturer on Surgery, Minto House. Author of Jacksonian Prize Essay, "On the Malformations, Diseases, and Injuries of the Fingers and Toes, and their Surgical Treatment"; "Surgical Appliances and Minor Surgery," &c., &c., &c.

34 CHARLOTTE SQUARE,  
EDINBURGH, *July 19. 1869.*

Dr Andrew Smart has been intimately known to me for the last ten years, and having had constant opportunities during this time of judging of his professional capabilities, I conscientiously believe him to be a sound Pathologist and good Physician.



Dr Smart's careful and elaborate researches in connection with the Pathology of the Cattle Plague have given him a well-earned reputation, not only in this country but also abroad.

In my opinion Dr Smart is peculiarly well qualified to give to others intelligible, useful, and, at the same time, complete instruction in the professional subjects of which he himself is a perfect master.

THOMAS ANNANDALE.

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XLIII.

From ALEXANDER R. SIMPSON, M.D., F.R.C.P.E., Fellow of the Faculty of Physicians and Surgeons, Glasgow, &c., &c. Author of numerous Contributions to Practical Medicine.

1 BLYTHSWOOD SQUARE,  
GLASGOW, *July 22. 1869.*

I am glad to be able to testify to the excellent general qualifications of Dr Andrew Smart as a rising member of the medical profession.

I have read with interest his admirable Reports on the Cattle Plague, and regard him as a well-instructed and careful observer, capable of expressing his ideas with great clearness, and likely to prove a successful professor of General Pathology in any medical school that may be fortunate enough to secure his services.

ALEX. R. SIMPSON.

## XLIV.

From Dr PAJOT, Professor of Midwifery and Medicine in the  
University of Paris.

MONSIEUR ET TRÈS-HONORÉ CONFRÈRE—J'ai reçu votre très remarquable travail et je serai heureux de vous voir obtenir la place que vous sollicitez. Veuillez agréer Monsieur et cher confrère l'expression de mes meilleurs sentiments.

PAJOT.

(*Translation.*)

MOST HONOURED COLLEAGUE—I have received your very remarkable work, and I shall be very happy to see you obtain the position which you desire.

Accept, Sir and dear Colleague, the expression of my best sentiments.

PAJOT.

## XLV.

From WILLIAM RUTHERFORD, M.D., F.R.S.E., Professor  
of Physiology in King's College, London.

14 MAITLAND STREET,  
EDINBURGH, 29th July 1869.

It affords me much pleasure to bear testimony to Dr Andrew Smart's qualifications for the Chair of Pathology in the University of Edinburgh.

By his valuable Reports upon the Cattle Plague, Dr Smart proved himself to be an excellent Patho-



logist, and a very careful, conscientious, and successful observer of scientific facts.

By study on the Continent he has made himself familiar with the various methods in which medical science is taught in most of the leading schools. I believe that he would prove to be a good teacher. I am led to think this by the clearness with which I have repeatedly heard him express his views on scientific questions before learned societies. I have always had a very high respect for Dr Smart as a man. He is a perfect gentleman, and would, I doubt not, gain the respect and confidence of students by his amiability as well as by his talents.

WILLIAM RUTHERFORD.

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XLVI.

From RICHARD DAVY, M.D. Edin., F.R.C.S. Lond., Surgical Registrar to the Westminster Hospital; Author of "Observations on some Local Anæsthetics," &c., &c.

33 WELBECK STREET, CAVENDISH SQUARE, W.,  
LONDON, *July 16. 1869.*

It gives me sincere pleasure in testifying to the excellent claims of Dr Andrew Smart for the Chair of General Pathology in the University of Edinburgh, and I speak from a personal acquaintance, extended over nine years. His zealous application in student days was rewarded by a successful culture of Practical Medicine and Pathology, and early proof was given of his power to vary the routine path of Medicine with freshness and originality.

Dr Andrew Smart has earnestly directed his professional knowledge to the study of Diabetes ; he has most carefully elaborated many facts, and by a series of clinical observations has improved our limited knowledge of this disease.

His able and useful inquiry into the Pathological facts associated with the Cattle Plague, bears the stamp of much hard work, and has received the just praise of leading agriculturists and politicians.

I therefore feel sure that Dr Andrew Smart, by reason of his early acquired experience in General Pathology both at home and abroad, will not fail to sustain the prestige which this important Chair of our University has held from its foundation.

RICHARD DAVY.

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#### XLVII.

From HENRY E. EASTLAKE, M.A. & Ph. D., Fellow of the College of Physicians, Dublin ; late Physician to the British Lying-in Hospital ; Consulting Phys. Acc. to the Western Dispensary, Westminster, &c. &c. Author of numerous Contributions to Practical Medicine.

48 WELBECK STREET, CAVENDISH SQUARE, W,  
LONDON, 28th July 1869.

Having had the honour of being personally acquainted with Dr Andrew Smart for many years, I have much pleasure in bearing my testimony to his thorough qualifications for the Chair of General Pathology in the University of Edinburgh.



From his earliest career Dr Smart has been a zealous labourer in the field of Medical Science. I feel that it is quite superfluous for me to eulogise one whose researches in science have already placed his name in the foremost rank of scientific Pathologists.

I am quite sure that, if Dr Smart becomes a teacher of Pathology in the University of Edinburgh, he will not only do justice to the Chair, but that the University will have cause to rejoice in having enrolled among its brilliant list of professors the name of one who will do honour to the medical school to which he is attached.

HENRY E. EASTLAKE.

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XLVIII.

From ARTHUR WYNNE FOOT, M.D., T.C.D., Fellow and Examiner King and Queen's Coll. Physicians in Ireland; Senior Demonstrator of Anatomy in the School of Physic, Dublin University.

21 LOWER PEMBROKE STREET,  
DUBLIN, 28th July 1869.

DEAR SIR—I have no hesitation in saying that your Reports on the Pathology of Cattle Plague are valuable contributions to our knowledge of that obscure disease. Having had considerable personal acquaintance with that disease in England in the winter months of 1866, I feel at liberty to pronounce an opinion upon your work, and I recognize your obser-

vations on the subject to be accurate, minute, and truthful.

Believe me to remain, dear Sir, yours faithfully,

ARTHUR WYNNE FOOT.

### ADDITIONAL TESTIMONIALS.

#### XLIX.

From DUNCAN M'LAREN, Esq., M.P.

LONDON, 20th July 1869.

I first became acquainted with Dr Smart in consequence of his appointment by the Town Council to investigate and report on the Cattle Plague; and from his admirable Report and Drawings, in illustration of that Disease, which met with great attention from the Authorities in London. Since that time I have had other opportunities of estimating his talents and medical reputation, and knowing him to be an excellent speaker, I have every reason to believe that he would fill the Chair to which he now aspires—General Pathology—in such a way as to maintain and increase the reputation of the Edinburgh Medical School.

D. M'LAREN.



## L.

From the Right Hon. the LORD PROVOST and MAGISTRATES of the City of Edinburgh.

CITY CHAMBERS,  
EDINBURGH, *15th February 1867.*

We, the Lord Provost and Magistrates of the City of Edinburgh have much pleasure in expressing our high sense of the skill, promptitude, and assiduity with which Dr Andrew Smart, M.D., F.R.C.P.E., conducted, on our behalf, an investigation into the "Pathological Appearances, Symptoms, Treatment, and Means of Preventing the Cattle Plague." The results of that investigation were embodied in Reports which were from time to time submitted to us, and printed for publication, along with coloured plates and analytical tables of dissections. These Reports were regularly communicated by us to the Lords of the Privy Council, and were highly appreciated by the Medical profession, by the Press, and by the country generally; and the views and recommendations therein expressed were largely accepted and acted upon in the treatment and cure of animals affected by the Cattle Plague.

The skill and indefatigable industry which Dr Smart brought to the conduct of the investigation which we entrusted to him, justify our expressing our conviction that any professional duties which he may be called upon to discharge will be performed in

the same spirit of caution and thoroughness which distinguishes the Reports to which we have referred.

W. CHAMBERS, *Lord Provost.*

JAMES FALSHAW, *Bailie.*

WILLIAM HANDYSIDE, *Bailie.*

GEO. E. RUSSELL, *Bailie.*

WM. SKINNER, *Bailie.*

P. MILLER, *Bailie.*

J. W. MACKIE, *Bailie.*

## LI.

From the Rev. JAMES H. WILSON, M.A., Minister of the  
Barclay Church, Edinburgh.

LONDON, 13th July 1869.

MY DEAR SIR—Having been asked to give you a testimonial as a Candidate for the Chair of Pathology in the University of Edinburgh, vacant by the resignation of Professor Henderson, I write a hurried note on my way to Bohemia, though anything I can say cannot be of much weight in such a matter. Your more special professional qualifications for the duties of the Chair will be borne witness to by others better qualified to judge and to give an opinion. Your patient and elaborate inquiries and experiments during the prevalence of the Cattle Plague, and your subsequent publication, seemed to meet with high appreciation at the hands of those conversant with the subject. It may suffice for me to say, that I have known you as an earnest and devoted student, giving yourself with all your heart to the particular line of



study which you have made your own, pursuing your investigations with much enthusiasm, and carefully and painstakingly seeking to make yourself master of the subject in hand.

I have long known that your leanings were strongly towards academic work, and that, alike during your residence and course of study abroad, and in the midst of the duties of a harassing and absorbing profession at home, you have constantly kept in view such high and honourable employment as you are now aspiring to. I have had the pleasure of hearing you lecture in public on a subject more strictly professional, and can testify to the clearness and fulness with which you stated and illustrated your views, and the thorough hold which you secured on the attention and interest of your audience, giving promise, as I venture to think, of marked success as a public lecturer. I have had every reason to esteem you as a friend and a gentleman, and wishing you all success in your professional career, believe me, yours sincerely,

J. H. WILSON.

Dr ANDREW SMART.

IV.

EXTRACTS FROM JOURNALS RELATING TO PUBLISHED  
CONTRIBUTIONS TO PATHOLOGY AND MEDICAL  
SCIENCE.



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*“Prevention of Pitting in Small-Pox.*—In our impression of Saturday we referred to the prevalence of Small-pox in London, and congratulated our citizens on the almost complete disappearance of the epidemic. Not only in London, however, but in several other places in England and Scotland is this loathsome disease at present prevalent ; and, in spite of vaccination, deaths have been very numerous, and sad disfigurement to the face common. While vaccination is generally regarded as the grand preventive of the former result, and all but universally practised, it has long been felt that medical men would confer a great boon on society if they could discover some simple means by which the latter and less grave result could be prevented. We believe that, by a very simple application, this desirable end has been attained in the Clinical Wards in the Royal Infirmary ; and it is in the hope that when known it may be generally practised that we at present draw attention to it. The application consists of a solution of india-rubber in chloroform, which is painted over the face (and neck in women) when the irruption has become fully developed. When the chloroform has evaporated, which it very readily does, there is left a thin elastic film of india-rubber over the face. This the patient feels to be rather comfortable than otherwise, inasmuch as the disagreeable itchiness, so generally complained of, is almost entirely removed, and, what is more important, “pitting,” once so common, and even now far from



rare, is thoroughly prevented wherever the solution has been applied. It may be as well to state that india-rubber is far from being very soluble in chloroform, so that, in making the solution, the india-rubber must be cut into small pieces, and chloroform added till it is dissolved. The medical gentleman who has introduced this treatment has tried several other substances, but found none so generally useful. For instance, gutta-percha was tried. It has the advantage of being very soluble in chloroform, and would have been a very admirable application but for the tendency it has to tear into ribbons whenever the mouth is used, or even when the features play. India-rubber, on the other hand, is pliable and elastic, allowing free use of the mouth without any danger (as a rule) of its tearing off. If, however, from some cause or other, a portion is torn off, a fresh application of the solution by means of a large hair pencil remedies the defect, and the mask is once more complete. Several patients who have had this india-rubber mask applied, concur in stating that they found it agreeable to wear, and their faces were perfectly free from "pitting," although other parts of the body, such as the arms, were covered. The credit of this valuable invention and application belongs to Dr Smart, House Physician, Clinical Wards, Royal Infirmary ; and while he no doubt in the proper quarter will make good his claim to the honour, he will feel amply repaid by its general adoption by his medical brethren, and the consciousness that he has done something to increase the resources of the medical art."

—From "*The Times*," April 29, 1863, and quoted in many of the leading British and Continental Journals.



“ A very able Report by Dr Andrew Smart on the Pathological Appearances and Conditions of the Cattle Affection, and other forms of Epizootic Diseases at present prevailing among cows in Edinburgh, prepared at the request of the local authorities, has been presented to the Lord Provost and Magistrates of that city.”

—*Lancet*.

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“ A Fourth Report on the Cattle Plague has been recently presented to the Magistrates ; and now Dr Smart gives the profession further cause to thank and congratulate him by the publication of a most elaborate table, the results of about *one hundred dissections* which he has made in his persevering researches on this, the most important question of the day. Such a publication will certainly increase the credit which Dr Smart unquestionably deserves for his important observations on *Rinderpest*, and these investigations—which we believe are unequalled in extent, and which have placed at his disposal the largest mass of data which we have met with—will add greatly to the value of any opinion to which he has committed himself. In this Report, attention is directed to the dermal eruption which is at present occupying so much of the attention of those who are interested in the investigation of *Rinderpest*, and which has suggested some differences in the nosological position of the disease. Dr Smart, we believe, does not consider himself entitled to give any final opinion in the



matter. He is inclined to favour the view of a similarity between *Rinderpest* and *Scarlatina* ; and until more special attention has been directed to the natural history of the eruption, the question must remain an open one. With a difficulty so gigantic, and, for all scientific purposes, so novel, the first duty of the profession, and the most natural prelude to successful treatment, is a searching inquiry into the pathology and symptomatology of the disease. We must congratulate ourselves, basing our laudations on results alone, that this task has been assigned to such able, persevering, and careful observers as Drs Smart and Murchison, and their fellow-labourers in the veterinary profession, Professors Gamgee and Simonds."

—*Medical Times and Gazette.*

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" *A Just Estimate of Medical Science.*—Dr Smart's Report on the Cattle Plague is a document of great value, from the careful and scientific manner in which the cases embodied in it have been observed and reported, and for the rational and logically deduced treatment which it recommends. In conclusion, we only add, that great light has been thrown upon the nature and treatment of the cattle plague by Drs Budd and Smart. Existing data fully justify the statement that, so far from science having proved powerless in the face of the existing danger, she has earned great triumphs through the patience and skill of her accomplished and faithful followers."

—*Morning Post.*



“This publication contains the three (four) interim Reports by Dr Smart and the interim Report of the Medical Committee appointed by the Lord Provost and Magistrates of Edinburgh. These have already appeared in our columns. They are now given in a form suitable for preservation, along with four chromolithographs of dissections by Dr Smart, whose competency for the important investigation with which he was entrusted has been shewn alike in the Reports and the careful dissections he has carried out.”

—*Daily Review.*

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*Letter by M. Martin d' Bartolome, M.D.*

“I carefully examined the morbid specimens from the deceased animal ; and after carefully comparing them with the coloured plates of Dr Smart's dissections, attached to the Reports to the Lord Provost and Magistrates of Edinburgh on the Cattle Plague, I can arrive at one conclusion only, viz., that the cow from which you took the specimens you shewed me must have died of the Cattle Plague, for the identity between them could not have been closer, if the plates had been taken from the morbid parts you exhibited.”

*Letter by Henry Jackson, F.R.C.S.*

“Without particularising the several specimens which were removed from different parts of the animals, I find that my notes of the appearances of them are thoroughly in accordance with the description given by Dr Smart of Edinburgh, and the specimens themselves so completely resembled the



plates given by Dr Smart, that I can have no doubt of the nature of the disease of which the animal died."

*Letter by John T. Porter, M.R.C.S.*

"In an elaborate Official Report to the Lord Provost and Magistrates of Edinburgh on the Cattle Plague by Dr Smart, I find a series of beautifully executed coloured plates, delineating the morbid appearance of the disease, and the resemblance between them and the specimens examined by me was very striking indeed."

*Letter by J. S. Pratt, Surgeon, &c.*

"Being much interested in pathological research, I very carefully compared the specimens with the coloured illustrations appended to a Report on the Cattle Plague, drawn up by Dr Smart, by direction of the Lord Provost of Edinburgh. I am fully satisfied that the specimens, and the coloured illustrations, refer to one and the same disease."

—*Letters in Sheffield and Rotherham Independent.*

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" 'Reports to the Provost and Magistrates of Edinburgh on the Pathological Appearances, Symptoms, and Means of Preventing Cattle Plague' (London: Simpkin, Marshall & Co., 1865), is a record in broad pamphlet-form, which, in view of the Cattle Plague, is well worthy of being universally studied. It is limited to some two dozen large pages, embracing coloured illustrations and plates; and it contains four 'Interim Reports.' Of these, experience proves that



the third of the three Reports by Andrew Smart, M.D., of Edinburgh, has been the most widely useful as suggesting preventives for the Rinderpest which proceed on known scientific principles, and which have proved far away the most successful of any in this country."

—*Liverpool Mail.*

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"The scientific man is then asked to give such information as will enable the disease to be recognised with certainty, whilst it will afford some basis for a rational plan of prevention and treatment. Such useful information has been furnished in the highly valuable Reports which have been presented to the Lord Provost and Magistrates by Dr Smart. In conclusion, we have to express our sense of the great value of the Reports. It is by such investigations as those of which they contain the results, that our knowledge of epidemic and epizootic diseases will be advanced." . . . . .

" . . . . Since the outbreak of the terrible Epizootic, which for so many months has ravaged Great Britain, we have read with deep interest all that has been contributed to our knowledge of this very remarkable and formidable disease. Amongst the very first, and, we venture to say, most valuable contributions made in this country to our knowledge of *Rinderpest*, must assuredly be placed the admirable Report on 'The Pathological Appearances of the Cattle Plague,' by Dr Andrew Smart, which was published in our columns of September 13. Dr Smart, who had only



a short time before (September 1.) been appointed by the Magistrates to investigate the prevalent disease, gave the result of a laborious and painstaking investigation into the Pathological Anatomy of Rinderpest, and placed on record a mass of facts, which, while they have served to enlighten those whose duty it is to *recognise* the disease, served to dispel certain errors which prevailed as to the supposed analogies between the, to us, new disease, and certain maladies well known to affect man. Although a considerable time has elapsed since the Report to which we have referred was published, it constitutes one of the very best contributions to our knowledge of the Cattle Plague, and, as such, most certainly entitles its author to the credit which we trust all who are acquainted with the subject have freely allotted him."

—*Scotsman*.

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"Dr Smart's labours in the investigation of Rinderpest have been invaluable, and we cannot speak too highly of his elaborate official Reports as Commissioner of Inquiry on the Cattle Plague to the Lord Provost and Magistrates of Edinburgh. . . . We mention this, lest the magnificent schemes which have been recently promulgated for the improvement of Edinburgh should obscure altogether the claims of one who has been engaged in such an important, though, perhaps, less attractive, investigation as that which has occupied Dr Smart's attention for several months."

—*Farmer*.



“We refer with approbation to the description of the Dissections given by Dr Smart in the excellent and practical Report, . . . . which in reality contains one of the best descriptions of the Morbid Anatomy which have yet been published in this country.”

—*North British Review.*

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“We trust that Professor Simonds, Professor Gamgee, and Dr Smart of Edinburgh, or, if not all three, one of them, will be commissioned to examine the cases supposed to have occurred here. All who are interested in the prosperity of Ireland will bow to the decision of the gentlemen we have named. They are men of European reputation, and of the most independent and honourable character. At present there exist very serious doubts whether we have had a case of cattle plague in Ireland. . . . It is financially of great importance that the doubts entertained should be resolved by indisputable authority. If such eminent men as Professor Simonds or Professor Gamgee or Dr Smart pronounce the cases at Drumra and Drennan to be cattle plague, all will determine not to despair, but to co-operate to the very utmost of their power with the Government, and to stamp it out, whatever be the cost or sorrow. We are confident that, even if the disease at Drumra is proved to be the cattle plague, the report of the Commissioners will declare that it is of an exceedingly mild form. If, on the other hand, there is good ground, as we believe there is, for deciding that the disease is not cattle plague, confidence will be restored, and an immense loss of property be avoided.”

—*Irish Times.*



“Our readers doubtless remember the elaborate reports on Rinderpest drawn up by Dr Andrew Smart, acting under the instructions of the Lord Provost and Magistrates of Edinburgh, and which were published in our columns at the time. The reports were characterised by earnest, practical, and experimental inquiry, and the conclusions arrived at by Dr Smart were the result of a careful study of the disease as it appeared in this country. The subject of cattle plague or rinderpest has for some time been under discussion by the New York State Agricultural Society, with a view to gather up information from all available sources for preventive purposes. It must be complimentary to Dr Smart to find that his reports have been taken as the basis of the volume on Rinderpest which that Society has just issued for public guidance, and in which he is spoken of as a leading authority with the highest respect. Whilst noticing most fully the reports of the Royal Commission and the Edinburgh Medical Committee, the researches of Professors Simonds and Gamgee, and other authorities, British and Continental, Dr Smart's practical experiments and recommendations are the leading theme of the volume. The beautiful coloured illustrations which Dr Smart appended to his reports are also reproduced most faithfully. It is not less complimentary to Edinburgh than to Dr Smart, to find that the action taken at the time by the magistrates resulted in a series of experiments and conclusions whose importance has been recognised in so conspicuous a manner.”

—*Medical Times and Gazette.*

# CANDIDATURE

FOR THE

CHAIR OF GENERAL PATHOLOGY IN THE UNIVERSITY  
OF EDINBURGH.

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# TESTIMONIALS

IN FAVOUR OF

ANDREW SMART, M.D.,

FELLOW OF THE ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH ;  
FORMERLY ASSISTANT TO THE PROFESSOR OF THE PRACTICE OF PHYSIC IN  
THE UNIVERSITY OF EDINBURGH,  
AND RESIDENT PHYSICIAN TO THE UNIVERSITY WARDS OF THE ROYAL  
INFIRMARY ;  
OLIM PRESIDENT OF THE ROYAL MEDICAL SOCIETY OF EDINBURGH ;  
LATE COMMISSIONER OF INQUIRY ON CATTLE PLAGUE  
TO THE RIGHT HONOURABLE THE LORD PROVOST AND THE MAGISTRATES OF  
THE CITY OF EDINBURGH.

[Second Series.]



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*Edinburgh:*

*Printed by John Greig & Son.*

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## CONTENTS.

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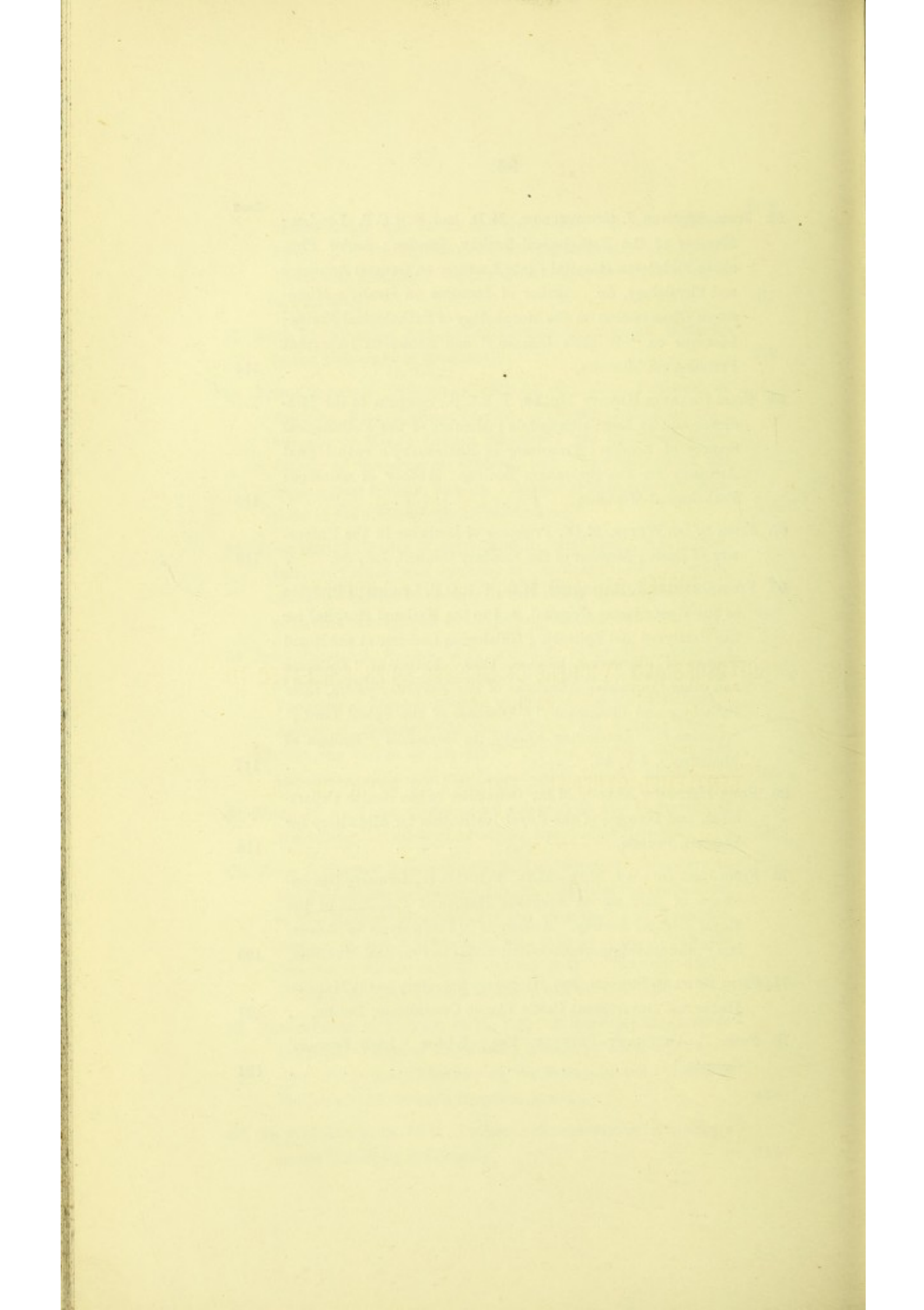
	PAGE
52. From JOSEPH HYRTL, M.D., Professor of Anatomy in the University of Vienna; Knight of the Imperial Austrian Order of Francis Joseph; Member of the Imperial Academy of Sciences. Author of numerous Anatomical Treatises and Memoirs, .	99
53. From M. RICORD, Honorary Surgeon to the Civil Hospitals of Paris; Professor of The Imperial Clinic; late President of the Imperial Academy of Medicine; First Physician to His Imperial Highness Prince Napoleon; Commander of the Legion of Honour, &c., . . . . .	100
54. From DOUGLAS MACLAGAN, M.D., Fellow of the Royal Society of Edinburgh, and Fellow of the Royal College of Physicians; Professor of Medical Jurisprudence in the University, and of Clinical Medicine in the Royal Infirmary of Edinburgh, .	101
55. From CÆSAR H. HAWKINS, F.R.S., Honorary Fellow and formerly President of the Royal College of Surgeons of England; Sergeant-Surgeon to H.M. The Queen; Consulting Surgeon to St George's Hospital; Member of the General Medical Council; Examiner in Surgery in the University, and at the Royal College of Surgeons, London; and late President of the Royal Medico-Chirurgical and Pathological Societies of London. Author of "Hunterian Orations;" "Lectures on Tumours;" "Diseases of the Face," &c., &c., &c., . . . . .	102
56. From WILLIAM R. BASHAN, M.D., F.R.C.P., London; Lecturer on the Practice of Medicine, and Physician to the Westminster Hospital; Croonian Lecturer to the Royal Society for 1864. Author "On Dropsy connected with Diseases of the Kidneys,	



	PAGE
Heart, Lungs, and Liver, and some other Diseases without Dropsy ;" "The Significance of Dropsy in Renal, Cardiac, and Pulmonary Diseases ;" and numerous important Contributions to Pathology, . . . . .	103
57. From Dr WILHELM ALEXANDER FREUND, Lecturer on Medicine in the University of Breslau, . . . . .	104
58. From RICHARD PARTRIDGE, F.R.S., F.R.C.S., Professor of Anatomy, King's College, London, and to the Royal Academy ; Surgeon to King's College Hospital ; late President Royal College of Surgeons of England, and Vice-President of the Pathological Society, London. Author of numerous contributions in the "Pathological Transactions," . . . . .	106
59. From HENRY CHARLTON BASTIAN, M.A., M.D. Lond., F.R.S., Professor of Pathological Anatomy in University College, London. Author "On the Pathology of Tubercular Meningitis ;" and numerous Monographs on Subjects connected with Pathology, . . . . .	107
60. From THOMAS R. FRASER, M.D., F.R.S.E., F.R.C.P.E. ; Laureate of the Imperial French Academy of Sciences ; Assistant to the Professor of Materia-Medica in the University of Edinburgh. Author of Memoirs "On the Action of the Calabar Bean ;" "On the Action of Atropia ;" "On the Connection between Chemical Constitution and Physiological Action," &c. &c., . . . . .	108
61. From Dr A. NUHN, Professor of Anatomy in the University of Heidelberg. Author of numerous Anatomical Memoirs, . . . . .	110
62. From J. NETTON RADCLIFFE, M.R.C.S., England ; Secretary to the Epidemiological Society, London ; Medical Superintendent to the National Hospital for the Paralysed and Epileptic. Author of the "Hygiene of the Turkish Army," "On the Murrain at Sinope in 1855," "Blue Book on Murrain, 1857," "Report to Privy Council on Cholera in Europe," &c. . . . .	112
63. From HENRY A. PITMAN, M.D., F.R.C.P. London ; Registrar to the Royal College of Physicians, London ; Consulting Physician, and formerly Lecturer on the Principles and Practice of Medicine to St George's Hospital, London, . . . . .	113
64. From C. ECKHARD, M.D., Professor of Anatomy and Physiology in the University of Giessen, . . . . .	113

	PAGE
65. From STEPHEN J. GOODFELLOW, M.D. and F.R.C.P. London ; Member of the Pathological Society, London ; Senior Physician Middlesex Hospital ; late Lecturer on General Anatomy and Physiology, &c. Author of Lectures on Gruby's Microscopic Observations on the Morphology of Pathological Fluids ; Lectures on "Bright's Disease ;" and numerous important Pathological Memoirs, . . . . .	114
66. From CHARLES HEWITT MOORE, F.R.C.S., Surgeon to the Middlesex and St Luke's Hospitals ; Member of the Pathological Society of London ; Translator of Rokitansky's Pathological Anatomy for the Sydenham Society. Author of numerous Pathological Memoirs, . . . . .	115
67. From L. DE WETTE, M.D., Professor of Medicine in the University of Basle ; Member of the Sanitary Council, &c., &c. . . . .	116
68. From CHARLES B. RADCLIFFE, M.D., F.R.C.P. London ; Physician to the Westminster Hospital, and to the National Hospital for the Paralysed and Epileptic ; Gulstonian Lecturer at the Royal College of Physicians, London, 1860. Author of "Epileptic and other Convulsive Affections of the Nervous System, their Pathology and Treatment ;" "Diseases of the Spinal Cord ;" "Chorea ;" "Locomotor Ataxy" (in Reynold's "System of Medicine"), &c., &c. . . . .	117
69. From HEINRICH ABEGG, M.D., Councillor in the Health Department, and Director of the Royal Institution for Midwifery for Western Prussia, . . . . .	118
70. From JOHN DUNCAN, M.A., M.D., F.R.C.S.E., formerly Demonstrator of Anatomy at Surgeons' Hall, and President of the Royal Medical Society. Author of "Electrolysis in Aneurism ;" and other important Contributions to Practical Medicine, . . . . .	120
71. From EDWARD PURDON, Esq., Honorary Secretary to the Mansion House and Government Cattle Plague Committees, Dublin, . . . . .	121
72. From R. OLIPHANT PRINGLE, Esq., Editor "Irish Farmers' Gazette," . . . . .	122





# TESTIMONIALS

FROM

PROFESSORS AND TEACHERS OF PATHOLOGY,

FROM

PROFESSORS AND TEACHERS OF MEDICAL SCIENCE RELATED TO  
PATHOLOGY,

AND FROM

GENTLEMEN OTHERWISE EMINENT AS PATHOLOGISTS.



from JOURNAL OF THE  
LIFE OF THE LATE  
JAMES M. SMITH, D.D.,  
BY THE REV. J. M. SMITH,  
D.D., OF THE UNIVERSITY OF  
TORONTO.

THE LIFE OF THE LATE  
JAMES M. SMITH, D.D.,  
BY THE REV. J. M. SMITH,  
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JAMES M. SMITH, D.D.,  
BY THE REV. J. M. SMITH,  
D.D., OF THE UNIVERSITY OF  
TORONTO.

LII.

From JOSEPH HYRTL, M.D., Professor of Anatomy in the University of Vienna; Knight of the Imperial Austrian Order of Francis Joseph; Member of the Imperial Academy of Sciences. Author of numerous Anatomical Treatises and Memoirs.

BERCHTOLDSDORF, NEAR VIENNA, *August 12. 1869.*

DEAR SIR,—I consider your claim for the Professorship of General Pathology in the University of Edinburgh fully established, by the excellent Treatise on the epidemic disease of Cattle Plague, which you had the kindness to send me.

I perused this work with the greatest satisfaction, and was in many instances struck with the originality and clearness of your views. When a vast practical experience, combined with sound Pathological judgment, constitutes the value of a medical book, they will also be the best recommendation of its author to a Chair, which has to deal with the general principles of our professional science.

I wish you success with all my heart, and remain, faithfully yours,

JOS. HYRTL.



## LIII.

From M. RICORD, Chirurgien Honoraire des Hôpitaux Civils de Paris ; Professeur de Clinique Impériale ; Ex-Président de l'Académie Impériale de Médecine ; 1er Médecin de S.A. Impériale le Prince Napoléon ; Commandeur de la Légion d'Honneur, &c.

PARIS, Août 20. 1869.

Le travail de Mr le Docteur Andrew Smart, sur le Rinderpest (Cattle Plague) que j'ai lu avec le plus vif intérêt prouve dans son auteur de grandes connaissances en Pathologie générale, en anatomie, et en physiologie pathologique ; et aussi en hygiène et en thérapeutique, Mr le Docteur Andrew Smart que j'ai pu ainsi juger, me paraît bien digne d'occuper une Chaire de Pathologie humaine à laquelle la Pathologie comparée vient si naturellement en aide.

M. RICORD.

(Translation.)

From M. RICORD, Honorary Surgeon to the Civil Hospitals of Paris ; Professor of The Imperial Clinic ; late President of the Imperial Academy of Medicine ; First Physician to His Imperial Highness Prince Napoleon ; Commander of the Legion of Honour, &c.

PARIS, August 20. 1869.

The work of Dr Andrew Smart on Rinderpest (Cattle Plague), which I have read with the liveliest interest, proves in its author great knowledge in general Pathology, in Anatomy, and in Pathological

Physiology, and also in Hygiene and in Therapeutics. Dr Andrew Smart, of whom I have thus been able to form a judgment, appears to me well worthy to occupy a Chair of Human Pathology, which is so naturally and usefully aided by comparative Pathology.

M. RICORD.

#### LIV.

From DOUGLAS MACLAGAN, M.D., Fellow of the Royal Society of Edinburgh, and Fellow of the Royal College of Physicians; Professor of Medical Jurisprudence in the University, and of Clinical Medicine in the Royal Infirmary of Edinburgh.

DRESDEN, *18th August 1869.*

DEAR SIR,—I have just received letters from home, enclosing yours of the 11th inst.

I lose no time in acknowledging your courtesy in sending me a complete copy of your Reports on the Pathology of the Cattle Plague. The book of course has not been forwarded to me, but I know it well, and had occasion to refer to it not long before I left home.

Your careful and laborious work on the elucidation of that subject shews your aptitude for Pathological research, and it consists with my knowledge that you devoted much attention to morbid anatomy when in the Royal Infirmary.

You have thus shewn your devotion to the subject of Pathology, and are thus entitled to offer yourself



as a candidate for the Chair of Pathology in the University.

I am, dear Sir, yours faithfully,

DOUGLAS MACLAGAN.

Dr SMART.

LV.

From CÆSAR H. HAWKINS, F.R.S., Honorary Fellow and formerly President of the Royal College of Surgeons of England; Sergeant-Surgeon to H.M. The Queen; Consulting Surgeon to St George's Hospital; Member of the General Medical Council; Examiner in Surgery in the University, and at the Royal College of Surgeons, London; and late President of the Royal Medico-Chirurgical and Pathological Societies of London. Author of "Hunterian Oration;" "Lectures on Tumours;" "Diseases of the Face," &c., &c., &c.

26 GROSVENOR STREET, W., *Aug. 23. 1869.*

DEAR SIR,—I have to thank you for a copy of your Reports on the Cattle Plague, which afford evidence of great zeal and labour in the investigation of this formidable complaint, and must have contributed much to its elucidation.

I am, dear Sir, with many thanks, truly yours,

CÆSAR H. HAWKINS.

## LVI.

From WILLIAM R. BASHAN, M.D., F.R.C.P., London ;  
Lecturer on the Practice of Medicine, and Physician to the  
Westminster Hospital ; Croonian Lecturer to the Royal  
Society for 1864. Author "On Dropsy connected with  
Diseases of the Kidneys, Heart, Lungs, and Liver, and some  
other Diseases without Dropsy ;" "The Significance of  
Dropsy in Renal, Cardiac, and Pulmonary Diseases ;" and  
numerous important Contributions to Pathology.

17 CHESTER STREET, BELGRAVE SQUARE,  
*August 23. 1869.*

DEAR SIR,—Although personally unacquainted with  
you, I may be permitted perhaps to express my  
opinion of the very valuable addition to our know-  
ledge of the Pathology of the Cattle Plague you have  
made in your Report to the Lord Provost and Magis-  
trates of Edinburgh. You must be too well known  
in your own metropolis as an able Pathological ob-  
server, to require any expression of opinion from my-  
self of your fitness for the Chair of General Pathology  
in the University of Edinburgh. The above-mentioned  
Report will testify to your skill as a Pathological  
observer, and your other contributions to medical  
literature are a public guarantee of your qualifications  
as a Candidate.

Believe me, my dear Sir, very sincerely yours,  
W. R. BASHAN.

Dr A. SMART.



## LVII.

From Dr WILHELM ALEXANDER FREUND, Lecturer on  
Medicine in the University of Breslau.

An Herrn Dr ANDREW SMART.

SEHR GEEHRTER HERR COLLEGE,—Eine Ferienreise hat das Studium Ihres schönen Buches bisher verhindert. Ich übersende Ihnen sehr gern beiliegendes Urtheil über Ihr Werk und wünsche von Herzen den besten Erfolg.

Mit collegialischen Grüßen bin ich, Ihr ergebenster  
College. FREUND.

BRESLAU, D. 18th August 1869.

Die Arbeit des Herrn Dr Andrew Smart, über die Rinderpest, habe ich mit grossem Vergnügen und Nutzen gelesen. Dieselbe beweist, dass der Herr Verfasser in der neuesten Entwicklung der medizinischen Wissenschaft steht und die naturwissenschaftliche Methode vollständig beherrscht.

In dieser Arbeit wird es wiederum klar, wie schöne Früchte diese Methode auch auf den schwierigsten Gebieten der Medizin hervorbringt.

Ich bin der Überzeugung, dass Herr Dr Andrew Smart mit dieser Arbeit seine Befähigung zur Übernahme einer Professur für Pathologie voll erwiesen hat.

Dr WILHELM ALEXANDER FREUND.

(*Translation.*)

TO DR ANDREW SMART.

HIGHLY HONOURED COLLEAGUE,—A journey during the vacation has prevented me hitherto from studying your beautiful book. With pleasure I send you the enclosed judgment on your work, and wish you, with all my heart, the best success.

With a colleague's greetings, I am, your devoted  
colleague, FREUND.

BRESLAU, 18th August 1869.

With great pleasure and advantage, I have perused the work of Dr Andrew Smart on the Rinderpest. It shews that the author stands in the foremost development of medical science, and is perfectly master of the naturo-philosophical method of research.

From this work it once more becomes evident how beautiful are the fruits which this method produces, even within the most difficult domain of medicine.

I am satisfied that Dr Andrew Smart by this work has fully established his competence to enter on a professorship of Pathology.

DR WILH. ALEXANDER FREUND.

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## LVIII.

From RICHARD PARTRIDGE, F.R.S., F.R.C.S., Professor of Anatomy, King's College, London, and to the Royal Academy; Surgeon to King's College Hospital; late President Royal College of Surgeons of England, and Vice-President of the Pathological Society, London. Author of numerous contributions in the "Pathological Transactions."

17 NEW STREET, SPRING GARDENS, S.W.

*August 25. 1869.*

DEAR SIR,—Accept my thanks for the copy of your Report on the Cattle Plague, which you have been good enough to send me. It is full of interesting facts and illustrations, and indicates the bent of your mind to pathological studies and investigations. I should infer from the Report that you are quite justified in offering yourself as a candidate for the Chair of General Pathology in the University of Edinburgh.

I remain, faithfully yours,

RICHARD PARTRIDGE.

Dr ANDREW SMART,

---

## LIX.

From HENRY CHARLTON BASTIAN, M.A., M.D. Lond.,  
F.R.S., Professor of Pathological Anatomy in University  
College, London. Author "On the Pathology of Tubercular  
Meningitis;" and numerous Monographs on Subjects con-  
nected with Pathology.

20 QUEEN ANNE STREET, W.

*August 18. 1869.*

DEAR SIR,—I have to thank you for your kindness  
in sending me a copy of your very valuable Reports  
on the Cattle Plague. I have read them with much  
interest, and could not fail to recognise the great care  
with which they have been executed, and the ability  
and zeal which you have displayed in your investiga-  
tion of the Pathology of the disease. Such work as  
this, shews quite plainly, that in addition to your  
being already a very competent Pathologist, you must  
have a special predilection for Pathological Science.

Believe me, dear Sir, very truly yours,

H. CHARLTON BASTIAN.

Dr ANDREW SMART.

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## LX.

From THOMAS R. FRASER, M.D., F.R.S.E., F.R.C.P.E.;  
 Laureate of the Imperial French Academy of Sciences,  
 Assistant to the Professor of Materia Medica in the University of Edinburgh. Author of Memoirs "On the Action of the Calabar Bean;" "On the Action of Atropia;" "On the Connection between Chemical Constitution and Physiological Action," &c., &c.

EDINBURGH, 16th August 1869.

MY DEAR DR SMART,—Having already expressed my opinion in favour of the claims of one of the Candidates for the vacant Chair of Pathology in the University, which you inform me you are an applicant for, I find myself in a somewhat difficult position when I attempt to comply with your request to state my opinion of your knowledge of Pathology and Morbid Anatomy, and of your general acquaintance with Medical Science. Still, as you have been good enough to assure me that, notwithstanding this circumstance, my testimony will gratify you, I cannot refrain from acceding to your wish.

As one of your fellow-students, I can certify with the utmost confidence to your great ability, to your remarkable diligence, to your gentlemanly demeanour, and to your generous disposition. All who know you intimately must readily grant you the possession of these characteristics.

Since your graduation, your professional life has been distinguished by an earnestness and industry,

which are rarely equalled. In confirmation of this, I gladly appeal to the manner in which you discharged the responsible duties entrusted to you as "Commissioner of Inquiry on the Cattle Plague." The valuable results you then obtained by your researches have attracted the greatest attention ; and, moreover, by them you have deservedly gained the approbation of the most distinguished leaders in the medical profession, as well as secured an undoubted position as a singularly able Pathologist, and a careful and accurate observer in the field of Morbid Anatomy.

I have had many opportunities for learning that you are able to secure the attention and interest of a large audience, and to communicate instruction with clearness and conciseness.

From my knowledge of your great ability, of your extensive professional attainments, of the many excellencies in your character, and of the signal success with which you conducted a laborious and difficult pathological investigation, I consider myself justified in entertaining the conviction that you would worthily and acceptably discharge the duties of any distinguished appointment concerned with Pathology.

Believe me, my dear Dr Smart, yours very truly,

THOMAS R. FRASER.

Dr SMART.

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## LXI.

From DR A. NUHN, Professor of Anatomy in the University of Heidelberg. Author of numerous Anatomical Memoirs.

HEIDELBERG, D. 22<sup>te</sup> August 1869.

GEEHRTER HERR,—Ihre Abhandlung über die Rinderpest habe ich erhalten nebst begleitendem Briefe vom 30ten Juli, worin Sie mich ersuchen, ein Urtheil darüber abzugeben, ob Sie nach Maassgabe Ihrer, in genannter Abhandlung dargelegten pathologischen Kenntnisse befähigt und würdig wären, den Lehrstuhl der Pathologie an der Universität in Edinburg einzunehmen.

Nach sorgfältiger Prüfung Ihrer in jeder Beziehung ausgezeichneten Abhandlung, die entschieden das Beste ist, was bis jetzt über diesen Gegenstand erschienen ist, und nicht allein die Beweise grossen Fleisses und grosser Sorgfalt bei der Untersuchung der pathologischen Objecte sondern auch einer ganz besondern Gabe scharfer Beobachtung und richtiger Beurtheilung des Beobachteten enthält,—sehe ich mich veranlasst, meine Erklärung dahin abzugeben, *dass ich Sie im vollsten Maasse für befähigt und würdig halte, einen Lehrstuhl der Pathologie einzunehmen, und dass die Universitaet Edinburg durch Ihre Wahl zum Professor der Pathologie nur einen sehr glücklichen Griff thun würde.*

Mit der Versicherung meiner grössten Hochachtung habe ich die Ehre zu zeichnen, Ihr ergebenster,

Dr A. NUHN.

(Translation.)

HEIDELBERG, 22d August 1869.

HONOURED SIR,—I have received your work on “Rinderpest,” as also the accompanying note of the 30th July, in which you invite me to express an opinion, whether the Pathological knowledge displayed in the work referred to, affords evidence of your being fit and worthy to fill the Professorship of Pathology in the University of Edinburgh.

I have carefully examined your treatise, admirable in every respect. It is decidedly the best that to this day has been published on the subject, and furnishes proofs, not only of great industry and care in the prosecution of Pathological research, but further evinces the possession of quite an extraordinary gift of acute observation and sound judgment brought to bear upon the subjects under consideration. I therefore feel myself constrained to affirm, *that I consider you worthy and able in the highest degree to occupy a Chair of Pathology, and that the University of Edinburgh, in electing you Professor of Pathology, would make a highly fortunate choice.*

With the assurance of my highest esteem, I have the honour to be, your most devoted,

Dr A. NUHN.

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## LXII.

From J. NETTON RADCLIFFE, M.R.C.S., England; Secretary to the Epidemiological Society, London; Medical Superintendent to the National Hospital for the Paralysed and Epileptic. Author of the "Hygiene of the Turkish Army," "On the Murrain at Sinope in 1855," "Blue Book on Murrain 1857," "Report to Privy Council on Cholera in Europe," &c.

70 GUILFORD STREET, RUSSELL SQUARE, W.C.,  
LONDON, *25th August 1869.*

MY DEAR SIR,—I wish you all success in your candidature for the Chair of General Pathology in the University of Edinburgh.

I benefited so much by your admirable Report on the Pathological Appearances, &c., of Cattle Plague, that I regret I cannot give you any more efficient assistance than written sympathy. That Report was so ably written and so well-timed, that it is not easy to over-estimate the good which arose from its publication.

From the knowledge of your labours concerning the pathology of a formidable epizootic alone, I feel no doubt that you would do ample justice to the Chair of General Pathology.

I am, my dear Sir, faithfully yours,

J. NETTON RADCLIFFE.

Dr ANDREW SMART.

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## LXIII.

From HENRY A. PITMAN, M.D., F.R.C.P. London ; Registrar to the Royal College of Physicians, London ; Consulting Physician, and formerly Lecturer on the Principles and Practice of Medicine to St George's Hospital, London.

28 GORDON SQUARE, W.C.,  
LONDON, *August 26. 1869.*

DEAR SIR,—Accept my thanks for the copy of your “Reports on the Pathological Appearances, &c., of the Cattle Plague.”

It would be presumption in me to offer any opinion as to your fitness for an appointment, with this important and valuable contribution to Pathology published to the world ; for these Reports are the best evidence that their author is eminently qualified to fill the Chair of General Pathology in the University of Edinburgh.

Believe me to be, dear Sir, yours faithfully,

HENRY A. PITMAN.

To Dr SMART.

## LXIV.

From C. ECKHARD, M.D., Professor of Anatomy and Physiology in the University of Giessen.

GIESSEN, *19th August 1869.*

DEAR SIR,—You will kindly excuse acknowledging so late the receipt of your valuable present and kind letter, but being absent from home for recreation, it was impossible to send you an earlier reply. After

*p*



having read your paper on Cattle Plague, I am convinced you will promote in a high degree our knowledge of this disease. It is my wish for you that you may be elected unanimously to a chair of morbid anatomy, in order that you may have the opportunity of devoting your labours exclusively to the cultivation of this domain ; for as I perceive from your elaborate paper, you are thoroughly acquainted with the contents and method which the study of this branch of medical science requires.

Please to accept the assurance of my sincerest respects.

I remain, dear Sir, yours faithfully,

Dr C. ECKHARD.

Dr SMART, 24 Melville Street,  
Edinburgh.

#### LXV.

From STEPHEN J. GOODFELLOW, M.D. and F.R.C.P.,  
London ; Member of the Pathological Society, London ;  
Senior Physician Middlesex Hospital ; late Lecturer on  
General Anatomy and Physiology, &c. Author of Lectures  
on Gruby's Microscopic Observations on the Morphology of  
Pathological Fluids ; Lectures on "Bright's Disease" ; and  
numerous important Pathological Memoirs.

5 SAVILE ROW, W.,  
*August 25. 1869.*

MY DEAR SIR,—I have looked over your very interesting and elaborate Report on the Cattle Plague, which in itself is quite sufficient to shew that you are

a most eligible candidate for any Pathological Chair, so far, I presume, as a knowledge of the Science of Pathology is concerned. I do not like the plan of Testimonials for such important offices; the public works and labours of a candidate for such an important Chair ought to be the best testimonial. In fact, a man ought to be so well known as to need no testimonial from other men as to his attainments.

I am, dear Sir, very truly yours,

S. J. GOODFELLOW.

Dr ANDREW SMART.

---

LXVI.

From CHARLES HEWITT MOORE, F.R.C.S., Surgeon to the Middlesex and St Luke's Hospitals; Member of the Pathological Society of London; Translator of Rokitansky's Pathological Anatomy for the Sydenham Society. Author of numerous Pathological Memoirs.

102 PICCADILLY, *August 23. 1869.*

DEAR SIR,—I have read the Reports on Cattle Plague which you did me the favour to send. Though not specially acquainted with the subject, I am struck with the general skill which they display, and I thank you for the opportunity of perusing them.

Faithfully yours,

CHARLES H. MOORE.

Dr ANDREW SMART.



## LXVII.

From L. DE WETTE, M.D , Professor of Medicine in the University of Basle ; Member of the Sanitary Council, &c., &c.

BASLE, *14th August 1869.*

SIR,—You have been so kind as to send me a copy of your Reports on the Cattle Plague, which you published some years ago, and I am very much obliged to you.

The subject is very interesting, not only on account of its general importance, but personally to me as a member of the sanitary council of our city, where we are obliged to discuss preventive measures against cholera as well as cattle plague, &c.

I studied your Reports with great interest, and I got the persuasion that you have worked a great deal, and that the results of your labours are highly valuable. The way in which you treated your subject seems to me a very scientific one, and shews that you are a master in making observations and experiments in Pathological anatomy.

I admire your plates ; you must have been very careful about your specimens, they are very well done.

What you say about the treatment seems to me entirely rational and very true, and if you think it a better plan to prevent than to cure the cattle plague, I am entirely of your opinion.

Believe me, most revered Sir, your devoted

Dr L. DE WETTE.

## LXVIII.

From CHARLES B. RADCLIFFE, M.D., F.R.C.P. London ;  
Physician to the Westminster Hospital, and to the National  
Hospital for the Paralysed and Epileptic ; Gulstonian Lec-  
turer at the Royal College of Physicians, London, 1860.  
Author of "Epileptic and other Convulsive Affections of the  
Nervous System, their Pathology and Treatment ;" "Dis-  
eases of the Spinal Cord ;" "Chorea ;" "Locomotor Ataxy"  
(in Reynold's "System of Medicine"), &c., &c.

25 CAVENDISH SQUARE, W.,  
LONDON, *Aug. 23. 1869.*

DEAR SIR,—On the eve of departing for Switzerland,  
I have only time to thank you for your Pathological  
Reports (with the merits of which I am already ac-  
quainted), and to wish that you may be the successful  
candidate for the Chair of General Pathology in the  
University of Edinburgh. In wishing you success in  
this matter, I am sure I am wishing for nothing which  
is at variance with the interests of the University of  
Edinburgh.

C. B. RADCLIFFE.

---



## LXIX.

From HEINRICH ABEGG, M.D., Sanitäts-Rath und Director  
der Königlichen Hebammen-Lehr-Anstalt.

LANGGARTEN, 33,  
DANZIG, 14th August 1869.

MEIN HERR,—Vor einigen Tagen von einer Reise zurückgekehrt, fand ich Ihre treffliche Arbeit über die Rinderpest, welche leider wieder in Preussen und Pommern auftritt, vor. Bestens danke ich Ihnen dafür. Sie haben eingehend und klar die Resultate Ihrer betreffenden pathologischen, anatomischen und therapeutischen Studien geschildert und durch die Tabelle über 98 Sectionen und ganz vorzügliche instructive Abbildungen sehr werthvolle Beigaben geliefert.

Wenn Sie mit gleicher Songfalt die menschliche Pathologie cultiviren, wie die thierische, so wird Ihnen Ihr Werk, wie ich überzeugt bin, bei Bewerbung um die Professur der Pathologie zu ganz besonderer Empfehlung gereichen.

Mit ausgezeichnete Hochachtung, mein Herr, Ihr,  
HEINRICH ABEGG, M.D.

---

*(Translation.)*

From HEINRICH ABEGG, M.D., Councillor in the Health Department, and Director of the Royal Institution for Midwifery for Western Prussia.

LANGGARTEN 33,  
DANZIG, 14th August 1869.

SIR,—Having, some days ago, returned from a journey, I found your excellent treatise on Rinderpest, which, alas ! again appears in Prussia and Pomerania. I render you my best thanks for it.

Searchingly and clearly you have described the results of your several Pathological, Anatomical, and Therapeutic investigations, and by the tables of ninety-eight Dissections, and very admirable, instructive Drawings, you have furnished most valuable additions. If, with the same care, you cultivate the Pathology of man that you have bestowed upon comparative Pathology, I am convinced that your work will prove of signal service as a Testimonial in your candidature for the Chair of Pathology.—With distinguished esteem, Sir, yours,

HEINRICH ABEGG, M.D.

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## LXX.

From JOHN DUNCAN, M.A., M.D., F.R.C.S.E., formerly Demonstrator of Anatomy at Surgeon's Hall, and President of the Royal Medical Society. Author of "Electrolysis in Aneurism;" and other important Contributions to Practical Medicine.

25 HERIOT ROW, 25th August 1869.

MY DEAR SIR,—Although I have already given testimonials to others, I gladly embrace this opportunity of stating my appreciation of your great talent and industry and experience. The works you have published are sufficient proof of these qualities, and I know that all who like myself have been your colleagues and friends, can abundantly testify to the same.

Believe me, yours very truly,

JOHN DUNCAN.

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## ADDITIONAL TESTIMONIALS.

*(The following were given unsolicited.)*

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### LXXI.

From EDWARD PURDON, Esq., Honorary Secretary to the  
Mansion House and Government Cattle Plague Committees,  
Dublin.\*

DUBLIN, 20th August 1869.

I have much pleasure in bearing testimony to the  
valuable Reports made by Dr Andrew Smart on the  
destructive Rinderpest, which made such ravages in  
England and Scotland during its prevalence.

As Honorary Secretary to the Mansion House and  
Government Cattle Plague Committees, I can with  
confidence express the satisfaction those Reports gave  
to the members of these Committees and to the public.

EDWARD PURDON.

\* The following Noblemen and Gentlemen are among the more  
active members of these large and influential Committees:—Earl of  
Limerick; Lord Naas; The Right Hon. the Lord Mayor; Sir Percy  
Nugent, Bart., D.L.; Charles Bianconi, J.P., D.L.; H. Garnett, J.P.;  
R. Walsh, J.P.; M. Flanagan, J.P.; S. Garnett, J.P.; Mark Aungier  
A. B. Collis, J.P.; J. Maher, J.P.; — Byrne, J.P.; W. Kenny, J.P.;  
F. Colgan, J.P.; J. Greene, J.P.; Dr Ryan; Captain Thornhill, J.P.;  
John Barrington, D.L.; J. C. Delmegie, J.P.; Professor Cameron; W.  
S. Purdon; J. M. Taylor, M.D.; J. Farrell, V.S.; Edward Purdon;  
Major Burrows; Alderman Joynt; Loftus Bland, Q.C.; H. Taaffe Farrell;  
High-Sheriff Roscommon; John Bolton Massay, Esq.; T. Lambert, V.S.;  
David Thompson, J.P.; Hans H. Woods, D.L.; C. U. Townsend; C.  
Roper, J.P.; J. W. West, J.P.; W. H. Head, D.L.; Professor Baldwin;  
Thomas Hackett, J.P.; Ed. Barron, V.S.; E. H. Casey, D.L.; Captain  
Darley; C. MacCarthy, J.P.; Penrose Fitzgerald, Esq.; Montgomery  
Stewart, Esq.; Thomas M. Gresham, Esq.



## LXXII.

From R. OLIPHANT PRINGLE, Esq., Editor "Irish Farmers' Gazette."

"FARMER'S GAZETTE," DUBLIN,  
*18th August 1869.*

From the position lately held by me as Agricultural Editor of "The Farmer," published in Edinburgh, I had numerous opportunities of becoming intimately conversant with the extent and nature of the laborious and singularly painstaking investigations carried on by Dr Andrew Smart of Edinburgh, with reference to Rinderpest, during the prevalence of that fearful disease in Scotland. His Reports constitute the most valuable documents which exist on that subject ; and it affords me much satisfaction to have another opportunity of bearing testimony to their value, and to the great ability displayed by Dr Smart in his researches.

R. OLIPHANT PRINGLE.

# CANDIDATURE

FOR THE

CHAIR OF GENERAL PATHOLOGY IN THE UNIVERSITY  
OF EDINBURGH.

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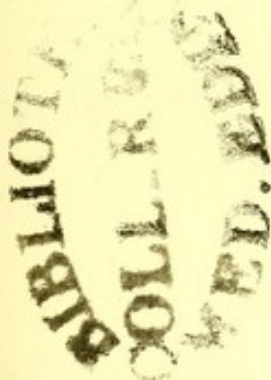
## TESTIMONIALS

IN FAVOUR OF

ANDREW SMART, M.D.,

FELLOW OF THE ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH ;  
FORMERLY ASSISTANT TO THE PROFESSOR OF THE PRACTICE OF PHYSIC IN  
THE UNIVERSITY OF EDINBURGH,  
AND RESIDENT PHYSICIAN TO THE UNIVERSITY WARDS OF THE ROYAL  
INFIRMARY ;  
OLIM PRESIDENT OF THE ROYAL MEDICAL SOCIETY OF EDINBURGH ;  
LATE COMMISSIONER OF INQUIRY ON CATTLE PLAGUE  
TO THE RIGHT HONOURABLE THE LORD PROVOST AND THE MAGISTRATES OF  
THE CITY OF EDINBURGH.

[Second Series.]





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*Edinburgh :*  
*Printed by John Greig & Son.*

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## CONTENTS.

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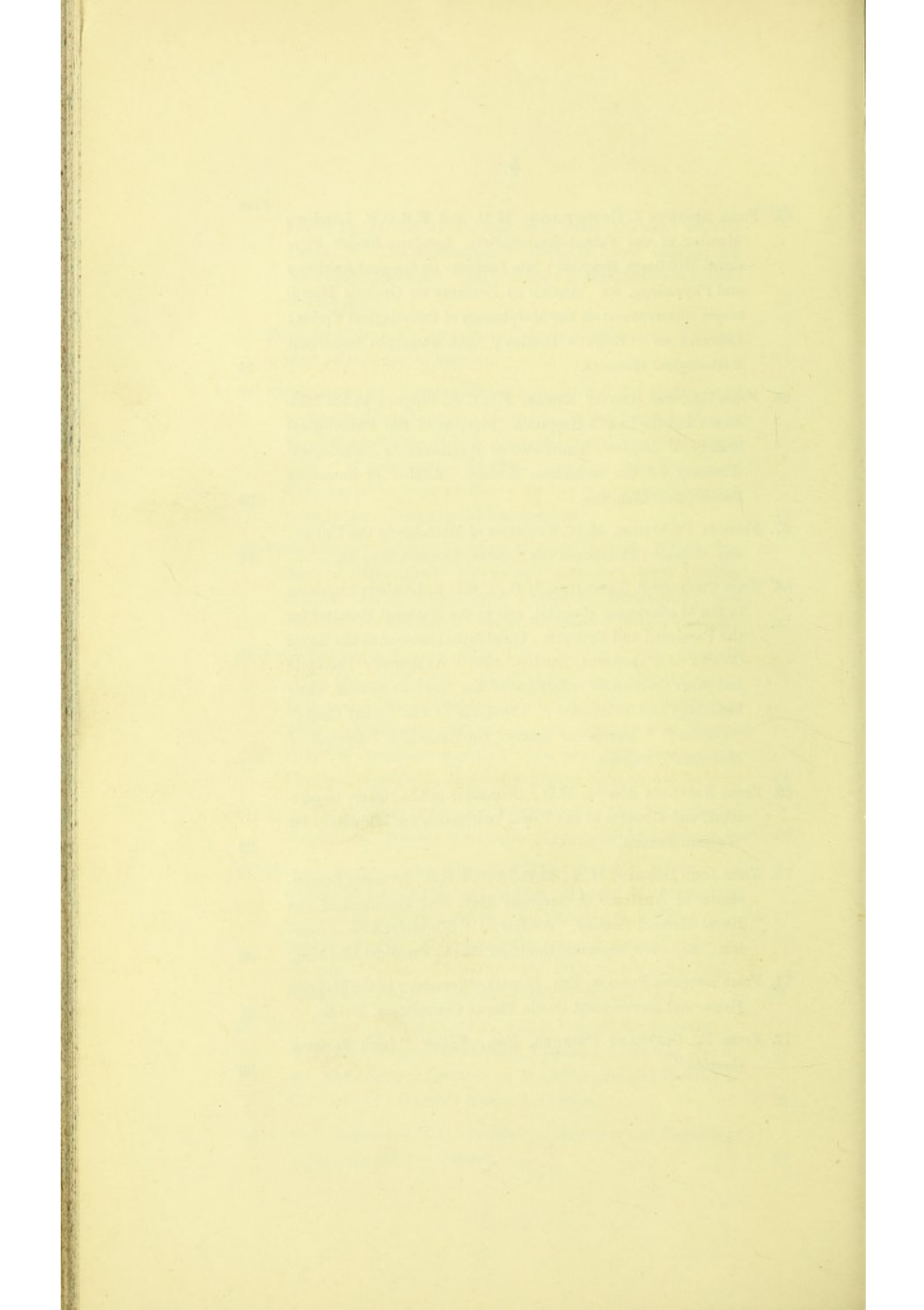
	PAGE
52. From JOSEPH HYRTL, M.D., Professor of Anatomy in the University of Vienna; Knight of the Imperial Austrian Order of Francis Joseph; Member of the Imperial Academy of Sciences. Author of numerous Anatomical Treatises and Memoirs, .	9
53. From M. RICORD, Honorary Surgeon to the Civil Hospitals of Paris; Professor of The Imperial Clinic; late President of the Imperial Academy of Medicine; First Physician to His Imperial Highness Prince Napoleon; Commander of the Legion of Honour, &c., . . . . .	10
54. From DOUGLAS MACLAGAN, M.D., Fellow of the Royal Society of Edinburgh, and Fellow of the Royal College of Physicians; Professor of Medical Jurisprudence in the University, and of Clinical Medicine in the Royal Infirmary of Edinburgh, .	11
55. From CÆSAR H. HAWKINS, F.R.S., Honorary Fellow and formerly President of the Royal College of Surgeons of England; Sergeant-Surgeon to H.M. The Queen; Consulting Surgeon to St George's Hospital; Member of the General Medical Council; Examiner in Surgery in the University, and at the Royal College of Surgeons, London; and late President of the Royal Medico-Chirurgical and Pathological Societies of London. Author of "Hunterian Orations;" "Lectures on Tumours;" "Diseases of the Face," &c., &c., &c., . . . . .	12
56. From WILLIAM R. BASHAN, M.D., F.R.C.P., London; Lecturer on the Practice of Medicine, and Physician to the Westminster Hospital; Croonian Lecturer to the Royal Society for 1864. Author "On Dropsy connected with Diseases of the Kidneys,	



Heart, Lungs, and Liver, and some other Diseases without Dropsy ;" "The Significance of Dropsy in Renal, Cardiac, and Pulmonary Diseases ;" and numerous important Contributions to Pathology, . . . . .	PAGE 13
57. From Dr WILHELM ALEXANDER FREUND, Lecturer on Medicine in the University of Breslau, . . . . .	14
58. From RICHARD PARTRIDGE, F.R.S., F.R.C.S., Professor of Anatomy, King's College, London, and to the Royal Academy ; Surgeon to King's College Hospital ; late President Royal College of Surgeons of England, and Vice-President of the Pathological Society, London. Author of numerous contributions in the "Pathological Transactions," . . . . .	16
59. From HENRY CHARLTON BASTIAN, M.A., M.D. Lond., F.R.S., Professor of Pathological Anatomy in University College, London. Author "On the Pathology of Tubercular Meningitis ;" and numerous Monographs on Subjects connected with Pathology, . . . . .	17
60. From THOMAS R. FRASER, M.D., F.R.S.E., F.R.C.P.E. ; Laureate of the Imperial French Academy of Sciences ; Assistant to the Professor of Materia-Medica in the University of Edinburgh. Author of Memoirs "On the Action of the Calabar Bean ;" "On the Action of Atropia ;" "On the Connection between Chemical Constitution and Physiological Action," &c. &c., . . . . .	18
61. From Dr A. NUHN, Professor of Anatomy in the University of Heidelberg. Author of numerous Anatomical Memoirs, . . . . .	20
62. From J. NETTON RADCLIFFE, M.R.C.S., England ; Secretary to the Epidemiological Society, London ; Medical Superintendent to the National Hospital for the Paralysed and Epileptic. Author of the "Hygiene of the Turkish Army," "On the Murrain at Sinope in 1855," "Blue Book on Murrain, 1857," "Report to Privy Council on Cholera in Europe," &c. . . . .	22
63. From HENRY A. PITMAN, M.D., F.R.C.P. London ; Registrar to the Royal College of Physicians, London ; Consulting Physician, and formerly Lecturer on the Principles and Practice of Medicine to St George's Hospital, London, . . . . .	23
64. From C. ECKHARD, M.D., Professor of Anatomy and Physiology in the University of Giessen, . . . . .	23

	PAGE
65. From STEPHEN J. GOODFELLOW, M.D. and F.R.C.P. London ; Member of the Pathological Society, London ; Senior Phy- sician Middlesex Hospital ; late Lecturer on General Anatomy and Physiology, &c. Author of Lectures on Gruby's Micro- scopic Observations on the Morphology of Pathological Fluids ; Lectures on "Bright's Disease ;" and numerous important Pathological Memoirs, . . . . .	24
66. From CHARLES HEWITT MOORE, F.R.C.S., Surgeon to the Mid- dlesex and St Luke's Hospitals ; Member of the Pathological Society of London ; Translator of Rokitansky's Pathological Anatomy for the Sydenham Society. Author of numerous Pathological Memoirs, . . . . .	25
67. From L. DE WETTE, M.D., Professor of Medicine in the Univer- sity of Basle ; Member of the Sanitary Council, &c., &c. . . . .	26
68. From CHARLES B. RADCLIFFE, M.D., F.R.C.P. London ; Physician to the Westminster Hospital, and to the National Hospital for the Paralysed and Epileptic ; Gulstonian Lecturer at the Royal College of Physicians, London, 1860. Author of "Epileptic and other Convulsive Affections of the Nervous System, their Pathology and Treatment ;" "Diseases of the Spinal Cord ;" "Chorea ;" "Locomotor Ataxy" (in Reynold's "System of Medicine"), &c., &c. . . . .	27
69. From HEINRICH ABEGG, M.D., Councillor in the Health Depart- ment, and Director of the Royal Institution for Midwifery for Western Prussia, . . . . .	29
70. From JOHN DUNCAN, M.A., M.D., F.R.C.S.E., formerly Demon- strator of Anatomy at Surgeons' Hall, and President of the Royal Medical Society. Author of "Electrolysis in Aneur- ism ;" and other important Contributions to Practical Medicine, . . . . .	30
71. From EDWARD PURDON, Esq., Honorary Secretary to the Mansion House and Government Cattle Plague Committees, Dublin, . . . . .	31
72. From R. OLIPHANT PRINGLE, Esq., Editor "Irish Farmers' Gazette," . . . . .	32





# TESTIMONIALS

FROM

PROFESSORS AND TEACHERS OF PATHOLOGY,

FROM

PROFESSORS AND TEACHERS OF MEDICAL SCIENCE RELATED TO  
PATHOLOGY,

AND FROM

GENTLEMEN OTHERWISE EMINENT AS PATHOLOGISTS.



THE HISTORY OF

THE HISTORY OF

THE HISTORY OF

THE HISTORY OF

THE HISTORY OF

THE HISTORY OF

LII.

From JOSEPH HYRTL, M.D., Professor of Anatomy in the University of Vienna; Knight of the Imperial Austrian Order of Francis Joseph; Member of the Imperial Academy of Sciences. Author of numerous Anatomical Treatises and Memoirs.

BERCHTOLDSDORF, NEAR VIENNA, *August 12. 1869.*

DEAR SIR,—I consider your claim for the Professorship of General Pathology in the University of Edinburgh fully established, by the excellent Treatise on the epidemic disease of Cattle Plague, which you had the kindness to send me.

I perused this work with the greatest satisfaction, and was in many instances struck with the originality and clearness of your views. When a vast practical experience, combined with sound Pathological judgment, constitutes the value of a medical book, they will also be the best recommendation of its author to a Chair, which has to deal with the general principles of our professional science.

I wish you success with all my heart, and remain, faithfully yours,

JOS. HYRTL.



## LIII.

From M. RICORD, Chirurgien Honoraire des Hôpitaux Civils de Paris ; Professeur de Clinique Impériale ; Ex-Président de l'Académie Impériale de Médecine ; 1er Médecin de S.A. Impériale le Prince Napoléon ; Commandeur de la Légion d'Honneur, &c.

PARIS, Août 20. 1869.

Le travail de Mr le Docteur Andrew Smart, sur le Rinderpest (Cattle Plague) que j'ai lu avec le plus vif intérêt prouve dans son auteur de grandes connaissances en Pathologie générale, en anatomie, et en physiologie pathologique ; et aussi en hygiène et en thérapeutique, Mr le Docteur Andrew Smart que j'ai pu ainsi juger, me paraît bien digne d'occuper une Chaire de Pathologie humaine à laquelle la Pathologie comparée vient si naturellement en aide.

M. RICORD.

(*Translation.*)

From M. RICORD, Honorary Surgeon to the Civil Hospitals of Paris ; Professor of The Imperial Clinic ; late President of the Imperial Academy of Medicine ; First Physician to His Imperial Highness Prince Napoleon ; Commander of the Legion of Honour, &c.

PARIS, August 20. 1869.

The work of Dr Andrew Smart on Rinderpest (Cattle Plague), which I have read with the liveliest interest, proves in its author great knowledge in general Pathology, in Anatomy, and in Pathological

Physiology, and also in Hygiene and in Therapeutics. Dr Andrew Smart, of whom I have thus been able to form a judgment, appears to me well worthy to occupy a Chair of Human Pathology, which is so naturally and usefully aided by comparative Pathology.

M. RICORD.

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LIV.

From DOUGLAS MACLAGAN, M.D., Fellow of the Royal Society of Edinburgh, and Fellow of the Royal College of Physicians; Professor of Medical Jurisprudence in the University, and of Clinical Medicine in the Royal Infirmary of Edinburgh.

DRESDEN, *18th August 1869.*

DEAR SIR,—I have just received letters from home, enclosing yours of the 11th inst.

I lose no time in acknowledging your courtesy in sending me a complete copy of your Reports on the Pathology of the Cattle Plague. The book of course has not been forwarded to me, but I know it well, and had occasion to refer to it not long before I left home.

Your careful and laborious work on the elucidation of that subject shews your aptitude for Pathological research, and it consists with my knowledge that you devoted much attention to morbid anatomy when in the Royal Infirmary.

You have thus shewn your devotion to the subject of Pathology, and are thus entitled to offer yourself



as a candidate for the Chair of Pathology in the University.

I am, dear Sir, yours faithfully,

DOUGLAS MACLAGAN.

Dr SMART.

LV.

From CÆSAR H. HAWKINS, F.R.S., Honorary Fellow and formerly President of the Royal College of Surgeons of England; Sergeant-Surgeon to H.M. The Queen; Consulting Surgeon to St George's Hospital; Member of the General Medical Council; Examiner in Surgery in the University, and at the Royal College of Surgeons, London; and late President of the Royal Medico-Chirurgical and Pathological Societies of London. Author of "Hunterian Oration;" "Lectures on Tumours;" "Diseases of the Face," &c., &c., &c.

26 GROSVENOR STREET, W., *Aug. 23. 1869.*

DEAR SIR,—I have to thank you for a copy of your Reports on the Cattle Plague, which afford evidence of great zeal and labour in the investigation of this formidable complaint, and must have contributed much to its elucidation.

I am, dear Sir, with many thanks, truly yours,

CÆSAR H. HAWKINS.

## LVI.

From WILLIAM R. BASHAN, M.D., F.R.C.P., London ;  
 Lecturer on the Practice of Medicine, and Physician to the  
 Westminster Hospital; Croonian Lecturer to the Royal  
 Society for 1864. Author "On Dropsy connected with  
 Diseases of the Kidneys, Heart, Lungs, and Liver, and some  
 other Diseases without Dropsy;" "The Significance of  
 Dropsy in Renal, Cardiac, and Pulmonary Diseases;" and  
 numerous important Contributions to Pathology.

17 CHESTER STREET, BELGRAVE SQUARE,  
*August 23. 1869.*

DEAR SIR,—Although personally unacquainted with  
 you, I may be permitted perhaps to express my  
 opinion of the very valuable addition to our know-  
 ledge of the Pathology of the Cattle Plague you have  
 made in your Report to the Lord Provost and Magis-  
 trates of Edinburgh. You must be too well known  
 in your own metropolis as an able Pathological ob-  
 server, to require any expression of opinion from my-  
 self of your fitness for the Chair of General Pathology  
 in the University of Edinburgh. The above-mentioned  
 Report will testify to your skill as a Pathological  
 observer, and your other contributions to medical  
 literature are a public guarantee of your qualifications  
 as a Candidate.

Believe me, my dear Sir, very sincerely yours,

W. R. BASHAN.

Dr A. SMART.



## LVII.

From Dr WILHELM ALEXANDER FREUND, Lecturer on  
Medicine in the University of Breslau.

An Herrn Dr ANDREW SMART.

SEHR GEEHRTER HERR COLLEGE,—Eine Ferienreise hat das Studium Ihres schönen Buches bisher verhindert. Ich übersende Ihnen sehr gern beiliegendes Urtheil über Ihr Werk und wünsche von Herzen den besten Erfolg.

Mit collegialischen Grüßen bin ich, Ihr ergebenster  
College. FREUND.

BRESLAU, D. 18th August 1869.

Die Arbeit des Herrn Dr Andrew Smart, über die Rinderpest, habe ich mit grossem Vergnügen und Nutzen gelesen. Dieselbe beweist, dass der Herr Verfasser in der neuesten Entwicklung der medizinischen Wissenschaft steht und die naturwissenschaftliche Methode vollständig beherrscht.

In dieser Arbeit wird es wiederum klar, wie schöne Früchte diese Methode auch auf den schwierigsten Gebieten der Medizin hervorbringt.

Ich bin der Überzeugung, dass Herr Dr Andrew Smart mit dieser Arbeit seine Befähigung zur Übernahme einer Professur für Pathologie voll erwiesen hat.

Dr WILHELM ALEXANDER FREUND.

*(Translation.)*

TO DR ANDREW SMART.

HIGHLY HONOURED COLLEAGUE,—A journey during the vacation has prevented me hitherto from studying your beautiful book. With pleasure I send you the enclosed judgment on your work, and wish you, with all my heart, the best success.

With a colleague's greetings, I am, your devoted  
colleague, FREUND.

BRESLAU, 18th August 1869.

With great pleasure and advantage, I have perused the work of Dr Andrew Smart on the Rinderpest. It shews that the author stands in the foremost development of medical science, and is perfectly master of the naturo-philosophical method of research.

From this work it once more becomes evident how beautiful are the fruits which this method produces, even within the most difficult domain of medicine.

I am satisfied that Dr Andrew Smart by this work has fully established his competence to enter on a professorship of Pathology.

Dr WILH. ALEXANDER FREUND.

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## LVIII.

From RICHARD PARTRIDGE, F.R.S., F.R.C.S., Professor of Anatomy, King's College, London, and to the Royal Academy; Surgeon to King's College Hospital; late President Royal College of Surgeons of England, and Vice-President of the Pathological Society, London. Author of numerous contributions in the "Pathological Transactions."

17 NEW STREET, SPRING GARDENS, S.W.

*August 25. 1869.*

DEAR SIR,—Accept my thanks for the copy of your Report on the Cattle Plague, which you have been good enough to send me. It is full of interesting facts and illustrations, and indicates the bent of your mind to pathological studies and investigations. I should infer from the Report that you are quite justified in offering yourself as a candidate for the Chair of General Pathology in the University of Edinburgh.

I remain, faithfully yours,

RICHARD PARTRIDGE.

Dr ANDREW SMART,

---

## LIX.

From HENRY CHARLTON BASTIAN, M.A., M.D. Lond.,  
F.R.S., Professor of Pathological Anatomy in University  
College, London. Author "On the Pathology of Tubercular  
Menigitis;" and numerous Monographs on Subjects con-  
nected with Pathology.

20 QUEEN ANNE STREET, W.

*August 18. 1869.*

DEAR SIR,—I have to thank you for your kindness  
in sending me a copy of your very valuable Reports  
on the Cattle Plague. I have read them with much  
interest, and could not fail to recognise the great care  
with which they have been executed, and the ability  
and zeal which you have displayed in your investiga-  
tion of the Pathology of the disease. Such work as  
this, shews quite plainly, that in addition to your  
being already a very competent Pathologist, you must  
have a special predilection for Pathological Science.

Believe me, dear Sir, very truly yours,

H. CHARLTON BASTIAN.

Dr ANDREW SMART.

---



## LX.

From THOMAS R. FRASER, M.D., F.R.S.E., F.R.C.P.E.;  
 Laureate of the Imperial French Academy of Sciences,  
 Assistant to the Professor of Materia Medica in the University of Edinburgh. Author of Memoirs "On the Action of the Calabar Bean;" "On the Action of Atropia;" "On the Connection between Chemical Constitution and Physiological Action," &c., &c.

EDINBURGH, 16th August 1869.

MY DEAR DR SMART,—Having already expressed my opinion in favour of the claims of one of the Candidates for the vacant Chair of Pathology in the University, which you inform me you are an applicant for, I find myself in a somewhat difficult position when I attempt to comply with your request to state my opinion of your knowledge of Pathology and Morbid Anatomy, and of your general acquaintance with Medical Science. Still, as you have been good enough to assure me that, notwithstanding this circumstance, my testimony will gratify you, I cannot refrain from acceding to your wish.

As one of your fellow-students, I can certify with the utmost confidence to your great ability, to your remarkable diligence, to your gentlemanly demeanour, and to your generous disposition. All who know you intimately must readily grant you the possession of these characteristics.

Since your graduation, your professional life has been distinguished by an earnestness and industry,

which are rarely equalled. In confirmation of this, I gladly appeal to the manner in which you discharged the responsible duties entrusted to you as "Commissioner of Inquiry on the Cattle Plague." The valuable results you then obtained by your researches have attracted the greatest attention ; and, moreover, by them you have deservedly gained the approbation of the most distinguished leaders in the medical profession, as well as secured an undoubted position as a singularly able Pathologist, and a careful and accurate observer in the field of Morbid Anatomy.

I have had many opportunities for learning that you are able to secure the attention and interest of a large audience, and to communicate instruction with clearness and conciseness.

From my knowledge of your great ability, of your extensive professional attainments, of the many excellencies in your character, and of the signal success with which you conducted a laborious and difficult pathological investigation, I consider myself justified in entertaining the conviction that you would worthily and acceptably discharge the duties of any distinguished appointment concerned with Pathology.

\* Believe me, my dear Dr Smart, yours very truly,

THOMAS R. FRASER.

Dr SMART.

---



## LXI.

From Dr A. NUHN, Professor of Anatomy in the University of Heidelberg. Author of numerous Anatomical Memoirs.

HEIDELBERG, D. 22<sup>te</sup> August 1869.

GEEHRTER HERR,—Ihre Abhandlung über die Rinderpest habe ich erhalten nebst begleitendem Briefe vom 30ten Juli, worin Sie mich ersuchen, ein Urtheil darüber abzugeben, ob Sie nach Maassgabe Ihrer, in genannter Abhandlung dargelegten pathologischen Kenntnisse befähigt und würdig wären, den Lehrstuhl der Pathologie an der Universität in Edinburg einzunehmen.

Nach sorgfältiger Prüfung Ihrer in jeder Beziehung ausgezeichneten Abhandlung, die entschieden das Beste ist, was bis jetzt über diesen Gegenstand erschienen ist, und nicht allein die Beweise grossen Fleisses und grosser Sorgfalt bei der Untersuchung der pathologischen Objecte sondern auch einer ganz besondern Gabe scharfer Beobachtung und richtiger Beurtheilung des Beobachteten enthält,—sehe ich mich veranlasst, meine Erklärung dahin abzugeben, *dass ich Sie im vollsten Maasse für befähigt und würdig halte, einen Lehrstuhl der Pathologie einzunehmen, und dass die Universitaet Edinburg durch Ihre Wahl zum Professor der Pathologie nur einen sehr glücklichen Griff thun würde.*

Mit der Versicherung meiner grössten Hochachtung habe ich die Ehre zu zeichnen, Ihr ergebenster,

Dr A. NUHN.

(Translation.)

HEIDELBERG, 22d August 1869.

HONOURED SIR,—I have received your work on “Rinderpest,” as also the accompanying note of the 30th July, in which you invite me to express an opinion, whether the Pathological knowledge displayed in the work referred to, affords evidence of your being fit and worthy to fill the Professorship of Pathology in the University of Edinburgh.

I have carefully examined your treatise, admirable in every respect. It is decidedly the best that to this day has been published on the subject, and furnishes proofs, not only of great industry and care in the prosecution of Pathological research, but further evinces the possession of quite an extraordinary gift of acute observation and sound judgment brought to bear upon the subjects under consideration. I therefore feel myself constrained to affirm, *that I consider you worthy and able in the highest degree to occupy a Chair of Pathology, and that the University of Edinburgh, in electing you Professor of Pathology, would make a highly fortunate choice.*

With the assurance of my highest esteem, I have the honour to be, your most devoted,

Dr A. NUHN.

---



## LXII.

From J. NETTON RADCLIFFE, M.R.C.S., England; Secretary to the Epidemiological Society, London; Medical Superintendent to the National Hospital for the Paralysed and Epileptic. Author of the "Hygiene of the Turkish Army," "On the Murrain at Sinope in 1855," "Blue Book on Murrain 1857," "Report to Privy Council on Cholera in Europe," &c.

70 GUILFORD STREET, RUSSELL SQUARE, W.C.,  
LONDON, *25th August 1869.*

MY DEAR SIR,—I wish you all success in your candidature for the Chair of General Pathology in the University of Edinburgh.

I benefited so much by your admirable Report on the Pathological Appearances, &c., of Cattle Plague, that I regret I cannot give you any more efficient assistance than written sympathy. That Report was so ably written and so well-timed, that it is not easy to over-estimate the good which arose from its publication.

From the knowledge of your labours concerning the pathology of a formidable epizootic alone, I feel no doubt that you would do ample justice to the Chair of General Pathology.

I am, my dear Sir, faithfully yours,

J. NETTON RADCLIFFE.

Dr ANDREW SMART.

---

## XII.

From HENRY A. PITMAN, M.D., F.R.C.P. London ; Registrar to the Royal College of Physicians, London ; Consulting Physician, and formerly Lecturer on the Principles and Practice of Medicine to St George's Hospital, London.

28 GORDON SQUARE, W.C.,  
LONDON, *August 26. 1869.*

DEAR SIR,—Accept my thanks for the copy of your “Reports on the Pathological Appearances, &c., of the Cattle Plague.”

It would be presumption in me to offer any opinion as to your fitness for an appointment, with this important and valuable contribution to Pathology published to the world ; for these Reports are the best evidence that their author is eminently qualified to fill the Chair of General Pathology in the University of Edinburgh.

Believe me to be, dear Sir, yours faithfully,

HENRY A. PITMAN.

To Dr SMART.

## XIII.

From C. ECKHARD, M.D., Professor of Anatomy and Physiology in the University of Giessen.

GIESSEN, *19th August 1869.*

DEAR SIR,—You will kindly excuse acknowledging so late the receipt of your valuable present and kind letter, but being absent from home for recreation, it was impossible to send you an earlier reply. After



having read your paper on Cattle Plague, I am convinced you will promote in a high degree our knowledge of this disease. It is my wish for you that you may be elected unanimously to a chair of morbid anatomy, in order that you may have the opportunity of devoting your labours exclusively to the cultivation of this domain ; for as I perceive from your elaborate paper, you are thoroughly acquainted with the contents and method which the study of this branch of medical science requires.

Please to accept the assurance of my sincerest respects.

I remain, dear Sir, yours faithfully,

Dr C. ECKHARD.

Dr SMART, 24 Melville Street,  
Edinburgh.

---

#### XIV.

From STEPHEN J. GOODFELLOW, M.D. and F.R.C.P.,  
London ; Member of the Pathological Society, London ;  
Senior Physician Middlesex Hospital ; late Lecturer on  
General Anatomy and Physiology, &c. Author of Lectures  
on Gruby's Microscopic Observations on the Morphology of  
Pathological Fluids ; Lectures on "Bright's Disease" ; and  
numerous important Pathological Memoirs.

5 SAVILE ROW, W.,  
*August 25. 1869.*

MY DEAR SIR,—I have looked over your very interesting and elaborate Report on the Cattle Plague, which in itself is quite sufficient to shew that you are

a most eligible candidate for any Pathological Chair, so far, I presume, as a knowledge of the Science of Pathology is concerned. I do not like the plan of Testimonials for such important offices; the public works and labours of a candidate for such an important Chair ought to be the best testimonial. In fact, a man ought to be so well known as to need no testimonial from other men as to his attainments.

I am, dear Sir, very truly yours,

S. J. GOODFELLOW.

Dr ANDREW SMART.

# XV.

From CHARLES HEWITT MOORE, F.R.C.S., Surgeon to the Middlesex and St Luke's Hospitals; Member of the Pathological Society of London; Translator of Rokitansky's Pathological Anatomy for the Sydenham Society. Author of numerous Pathological Memoirs.

102 PICCADILLY, *August 23. 1869.*

DEAR SIR,—I have read the Reports on Cattle Plague which you did me the favour to send. Though not specially acquainted with the subject, I am struck with the general skill which they display, and I thank you for the opportunity of perusing them.

Faithfully yours,

CHARLES H. MOORE.

Dr ANDREW SMART.



## XVI.

From L. DE WETTE, M.D , Professor of Medicine in the University of Basle ; Member of the Sanitary Council, &c., &c.

BASLE, 14th August 1869.

SIR,—You have been so kind as to send me a copy of your Reports on the Cattle Plague, which you published some years ago, and I am very much obliged to you.

The subject is very interesting, not only on account of its general importance, but personally to me as a member of the sanitary council of our city, where we are obliged to discuss preventive measures against cholera as well as cattle plague, &c.

I studied your Reports with great interest, and I got the persuasion that you have worked a great deal, and that the results of your labours are highly valuable. The way in which you treated your subject seems to me a very scientific one, and shews that you are a master in making observations and experiments in Pathological anatomy.

I admire your plates ; you must have been very careful about your specimens, they are very well done.

What you say about the treatment seems to me entirely rational and very true, and if you think it a better plan to prevent than to cure the cattle plague, I am entirely of your opinion.

Believe me, most revered Sir, your devoted

Dr L. DE WETTE.

## XVII.

From CHARLES B. RADCLIFFE, M.D., F.R.C.P. London ;  
Physician to the Westminster Hospital, and to the National  
Hospital for the Paralysed and Epileptic ; Gulstonian Lec-  
turer at the Royal College of Physicians, London, 1860.  
Author of "Epileptic and other Convulsive Affections of the  
Nervous System, their Pathology and Treatment ;" "Dis-  
eases of the Spinal Cord ;" "Chorea ;" "Locomotor Ataxy"  
(in Reynold's "System of Medicine"), &c., &c.

25 CAVENDISH SQUARE, W.,  
LONDON, *Aug. 23. 1869.*

DEAR SIR,—On the eve of departing for Switzerland,  
I have only time to thank you for your Pathological  
Reports (with the merits of which I am already ac-  
quainted), and to wish that you may be the successful  
candidate for the Chair of General Pathology in the  
University of Edinburgh. In wishing you success in  
this matter, I am sure I am wishing for nothing which  
is at variance with the interests of the University of  
Edinburgh.

C B. RADCLIFFE.

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## XVIII.

From HEINRICH ABEGG, M.D., Sanitäts-Rath und Director  
der Königlichen Hebammen-Lehr-Anstalt.

LANGGARTEN, 33,  
DANZIG, 14th August 1869.

MEIN HERR,—Vor einigen Tagen von einer Reise zurückgekehrt, fand ich Ihre treffliche Arbeit über die Rinderpest, welche leider wieder in Preussen und Pommern auftritt, vor. Bestens danke ich Ihnen dafür. Sie haben eingehend und klar die Resultate Ihrer betreffenden pathologischen, anatomischen und therapeutischen Studien geschildert und durch die Tabelle über 98 Sectionen und ganz vorzügliche instructive Abbildungen sehr werthvolle Beigaben geliefert.

Wenn Sie mit gleicher Songfalt die menschliche Pathologie cultiviren, wie die thierische, so wird Ihnen Ihr Werk, wie ich überzeugt bin, bei Bewerbung um die Professur der Pathologie zu ganz besonderer Empfehlung gereichen.

Mit ausgezeichnete Hochachtung, mein Herr, Ihr,  
HEINRICH ABEGG, M.D.

---

*(Translation.)*

From HEINRICH ABEGG, M.D., Councillor in the Health Department, and Director of the Royal Institution for Midwifery for Western Prussia.

LANGGARTEN 33,  
DANZIG, 14th August 1869.

SIR,—Having, some days ago, returned from a journey, I found your excellent treatise on Rinderpest, which, alas ! again appears in Prussia and Pomerania. I render you my best thanks for it.

Searchingly and clearly you have described the results of your several Pathological, Anatomical, and Therapeutic investigations, and by the tables of ninety-eight Dissections, and very admirable, instructive Drawings, you have furnished most valuable additions. If, with the same care, you cultivate the Pathology of man that you have bestowed upon comparative Pathology, I am convinced that your work will prove of signal service as a Testimonial in your candidature for the Chair of Pathology.—With distinguished esteem, Sir, yours,

HEINRICH ABEGG, M.D.

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## XIX.

From JOHN DUNCAN, M.A., M.D., F.R.C.S.E., formerly Demonstrator of Anatomy at Surgeon's Hall, and President of the Royal Medical Society. Author of "Electrolysis in Aneurism;" and other important Contributions to Practical Medicine.

25 HERIOT Row, 25th August 1869.

MY DEAR SIR,—Although I have already given testimonials to others, I gladly embrace this opportunity of stating my appreciation of your great talent and industry and experience. The works you have published are sufficient proof of these qualities, and I know that all who like myself have been your colleagues and friends, can abundantly testify to the same.

Believe me, yours very truly,

JOHN DUNCAN.

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## ADDITIONAL TESTIMONIALS.

*(The following were given unsolicited.)*

### LXXI.

From EDWARD PURDON, Esq., Honorary Secretary to the  
Mansion House and Government Cattle Plague Committees,  
Dublin.\*

DUBLIN, 20th August 1869.

I have much pleasure in bearing testimony to the  
valuable Reports made by Dr Andrew Smart on the  
destructive Rinderpest, which made such ravages in  
England and Scotland during its prevalence.

As Honorary Secretary to the Mansion House and  
Government Cattle Plague Committees, I can with  
confidence express the satisfaction those Reports gave  
to the members of these Committees and to the public.

EDWARD PURDON.

\* The following Noblemen and Gentlemen are among the more  
active members of these large and influential Committees:—Earl of  
Limerick; Lord Naas; The Right Hon. the Lord Mayor; Sir Percy  
Nugent, Bart., D.L.; Charles Bianconi, J.P., D.L.; H. Garnett, J.P.;  
R. Walsh, J.P.; M. Flanagan, J.P.; S. Garnett, J.P.; Mark Aungier;  
A. B. Collis, J.P.; J. Maher, J.P.; — Byrne, J.P.; W. Kenny, J.P.;  
F. Colgan, J.P.; J. Greene, J.P.; Dr Ryan; Captain Thornhill, J.P.;  
John Barrington, D.L.; J. C. Delmegie, J.P.; Professor Cameron; W.  
S. Purdon; J. M. Taylor, M.D.; J. Farrell, V.S.; Edward Purdon;  
Major Burrows; Alderman Joynt; Loftus Bland, Q.C.; H. Taaffe Farrell;  
High-Sheriff Roscommon; John Bolton Massay, Esq.; T. Lambert, V.S.;  
David Thompson, J.P.; Hans H. Woods, D.L.; C. U. Townsend; C.  
Roper, J.P.; J. W. West, J.P.; W. H. Head, D.L.; Professor Baldwin;  
Thomas Hackett, J.P.; Ed. Barron, V.S.; E. H. Casey, D.L.; Captain  
Darley; C. MacCarthy, J.P.; Penrose Fitzgerald, Esq.; Montgomery  
Stewart, Esq.; Thomas M. Gresham, Esq.,



## LXXII.

From R. OLIPHANT PRINGLE, Esq., Editor "Irish Farmers' Gazette."

"FARMER'S GAZETTE," DUBLIN,  
*18th August 1869.*

From the position lately held by me as Agricultural Editor of "The Farmer," published in Edinburgh, I had numerous opportunities of becoming intimately conversant with the extent and nature of the laborious and singularly painstaking investigations carried on by Dr Andrew Smart of Edinburgh, with reference to Rinderpest, during the prevalence of that fearful disease in Scotland. His Reports constitute the most valuable documents which exist on that subject; and it affords me much satisfaction to have another opportunity of bearing testimony to their value, and to the great ability displayed by Dr Smart in his researches.

R. OLIPHANT PRINGLE.

CANDIDATURE  
FOR THE  
CHAIR OF GENERAL PATHOLOGY IN THE UNIVERSITY  
OF EDINBURGH.

---

TESTIMONIALS  
IN FAVOUR OF  
ANDREW SMART, M.D.,

FELLOW OF THE ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH ;  
FORMERLY ASSISTANT TO THE PROFESSOR OF THE PRACTICE OF PHYSIC IN  
THE UNIVERSITY OF EDINBURGH,  
AND RESIDENT PHYSICIAN TO THE UNIVERSITY WARDS OF THE ROYAL  
INFIRMARY ;  
OLIM PRESIDENT OF THE ROYAL MEDICAL SOCIETY OF EDINBURGH ;  
LATE COMMISSIONER OF INQUIRY ON CATTLE PLAGUE  
TO THE RIGHT HONOURABLE THE LORD PROVOST AND THE MAGISTRATES OF  
THE CITY OF EDINBURGH.

[Third Series.]



CANDIDATUS

IN

SCIENCE OF MEDICAL PATHOLOGY IN THE UNIVERSITY  
OF EDINBURGH.

THESIS

---

*Edinburgh*

*Printed by John Greig & Son.*

---

TO THE RIGHT HONOURABLE AND HONOURABLE  
THE CURATORS OF THE UNIVERSITY OF EDINBURGH.

24 MELVILLE STREET,  
EDINBURGH, *September 23. 1869.*

MY LORDS AND GENTLEMEN,

My First and Second Series of Testimonials have already been submitted to you, and in now bringing under your consideration a Third Series, I would only beg leave to mention that all my Testimonials have been arranged with the object of presenting to you, as clearly and succinctly as possible, the evidence which they contain in favour of my Candidature. I am sensible, however, that there is a difficulty in judging of the merits of Testimonials, which cannot be removed by any arrangement; and as this is in part owing to their number, and partly to the introduction of what is unessential, it has appeared to me, that in some degree this embarrassment might be lessened by presenting you with such extracts from their contents, as directly refer to the necessary qualifications of a Candidate for the Professorship of General Pathology.



Much impressed by this feeling, I have respectfully taken the liberty of *incorporating* with the General Index of my Testimonials appended to the present Series, a short Abstract or Summary of those portions only of my Testimonials which keep this object directly in view; and should you deem it worthy of your consideration, I trust it will be found useful for the purpose for which it has been prepared.

I would only beg leave further to remind you, that my Testimonials are nearly all from Pathologists of the highest eminence; and when I add, that I am personally known to only a few of those Gentlemen who bear so decided testimony to my fitness for this Chair, you will feel the more assured that their opinion is disinterested, and entirely derived from their knowledge of what I have done in Pathology and Medical Science.

I have the honour to be,

MY LORDS AND GENTLEMEN,

Your obedient Servant,

ANDREW SMART.

## CONTENTS.

---

	PAGE
73. From JOHN HUGHES BENNETT, M.D., F.R.S. & F.R.C.P. Edinburgh, Honorary Fellow of King's and Queen's College of Physicians, Ireland; Professor of the Institutes of Medicine and of Clinical Medicine in the University of Edinburgh; Physician, and formerly Pathologist, to the Royal Infirmary, Edinburgh. Author of "The Principles and Practice of Medicine;" "The Pathology and Treatment of Pulmonary Consumption;" "Lectures on Molecular Physiology, Pathology, and Therapeutics;" "The Restorative Treatment of Pneumonia," and numerous other important contributions to Pathology and Practical Medicine . . . . .	9
74. From A. CLARK, M.D., Professor of Pathology in the College of Physicians and Surgeons, New York . . . . .	10
From C. R. AGNEW, M.D., Clinical Professor in the College of Physicians and Surgeons, New York . . . . .	10
From ISAAC E. TAYLOR, M.D., President and Emeritus Professor of Obstetrics in Bellevue Hospital Medical College, New York . . . . .	10
From FORDYCE BARKER, M.D., Clinical Professor of Midwifery and Diseases of Women, New York . . . . .	10
75. From RENE BLACHE, M.D., President of the Imperial Academy of Medicine of France; Physician to the Children's Hospital of Paris. Author of "Some Considerations relating to the causes of the Mortality of newly-born Infants and their Remedy," &c., &c. . . . .	12
76. From J. A. VILLEMEN, M.D., Professor at the Military Medical School of the Val de Grâce, Paris; Discoverer of the Production of Tubercle by Artificial Inoculation; Author of "Researches upon the Pulmonary Vesicle and Emphysema;" "Studies regarding Tubercle,—Rational and Experimental	



	PAGE
Proofs of its being Specific and Inoculable ;" "Memoirs regarding the Inoculation of Tubercle," &c. . . . .	14
77. From JAMES RUSSELL, M.D. & F.R.C.P. London, Professor of Medicine in Queen's College, Birmingham, and Physician to the Birmingham General Hospital, . . . . .	16
78. From W. WILLIAMS, F.R.S.E., Principal and Professor of Pathology and Veterinary Medicine in the Veterinary College, Edinburgh, &c. . . . .	17
79. Extract from Letter of SOCRATE CADETZ, Professor of Pathological Physiology in the University of Rome . . . . .	18
80. From S. L. SCHENK, M.D., Professor of Physiology in the University of Vienna. Author of "Contributions to the Physiology of the Embryonic Heart," and other important Works . . . . .	20
81. From HAMILTON BUSBEY, Esq., Editor of the " <i>Turf, Field, and Farm</i> ," New York, United States . . . . .	22
82. From GOTTLIEB GLUGE, M.D., Professor of Physiological Pathology in the University of Brussels. Author of "Anatomical Microscopical Investigations in General and Special Pathology ;" "Influenza viewed from its Historical and Pathological Sources ;" "Treatises on Physiology and Pathology ;" "Anatomical Microscopical Researches ;" "Pathological Histology," &c., &c. . . . .	23
83. From WALTER FORBES, Edinburgh, M.D., Formerly Clinical Clerk in the University Medical Wards of the Royal Infirmary, Edinburgh . . . . .	24
84. From NATHANIEL D. J. OMAN, M.B. & C.M. Edinburgh, formerly Clinical Clerk in the University Wards, Royal Infirmary, Edinburgh . . . . .	25
85. From ELLIS F. THOROLD, M.A. Oxford, M.D. Edinburgh ; Member of the Royal College of Surgeons, Edinburgh ; and late Scholar of Corpus College, Oxford . . . . .	26
86. From MICHAEL BEVERLEY, M.D. Edinburgh, L.S.A. ; Member of the Royal College of Surgeons of England ; Associate of King's College, London ; Resident Surgeon to the Norfolk and Norwich Hospital, &c., &c. . . . .	27



# CONTENTS OF TESTIMONIALS RECEIVED AFTER DATE OF ELECTION.

	PAGE
87. Honorary Diploma, from the New York State Agricultural Society . . . . .	30
88. From C. G. EHRENBURG, M.D., Professor and Privy Councillor. Author of "On the Cynocephalus and the Sphinx of the Egyptians, and on the Reciprocal relation of Ape and Man;" "Naturop-Philosophical Voyages through North Africa and Western Asia, 1825-45;" "Physical Contributions, or figures and descriptions of Mammalias, Birds, Insects, and evertibrat. animals, which, by study on the voyage through Northern Africa and Western Asia have been acquired, new or illustrated;" "Communication of a very simple Method for the stopping, comparing, and preserving of the finest and most perishable Microscopical Objects;" "A Seasonable Word—Experiences on the Plague in the Orient, and on judicious Preventive Measures in Pestilential Contagions to be employed in the Cholera;" "On the want of Nervous Marrow in the Brain of Men and Animals, the Jointed, Reed-like Structure of the Brain, and on Normal Formation of Crystal in the Living Animal Body;" "Observations of a Striking Structure of the Organ of the Soul in Men and Animals, hitherto unknown," &c., &c. . . . .	34
89. From A. BARDELEBEN, M.D., Professor of Surgery in the University of Berlin. Author of "Compendium of Surgery, and the Science of Operations;" "On the Conservative Disposition of the New Surgery," &c., &c. . . . .	36
90. From G. HERMAN MEYER, M.D., Professor of Anatomy in the University of Zurich. Author of "Modern Gymnastics, and their Therapeutic Significance;" "The Hand of Man—a Popular Lecture;" "Compendium of the Anatomy of Man;" "The Varying Centre of Gravity in the Human Body: A contribution to Plastic Anatomy;" "An Introduction to the Dissecting Exercises, for the use of Students" . . . . .	38
91. From S. O. VANDERPOEL, M.D., Professor of General Pathology in the Albany Medical College, Albany, United States . . . . .	40
92. Extract of Letter from GAETANO PUCCIANI, M.D., Professor of General Pathology in the University of Pisa . . . . .	41
93. From the OFFICE-BEARERS and CAPTAINS of the Society of High Constables of the City of Edinburgh . . . . .	42
GENERAL INDEX . . . . .	43



# THE HISTORY OF THE UNITED STATES

OF THE UNITED STATES OF AMERICA

FROM THE FIRST SETTLEMENTS TO THE PRESENT TIME

BY

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# TESTIMONIALS

FROM

PROFESSORS AND TEACHERS OF PATHOLOGY,

FROM

PROFESSORS AND TEACHERS OF MEDICAL SCIENCE RELATED TO  
PATHOLOGY,

AND FROM

GENTLEMEN OTHERWISE EMINENT AS PATHOLOGISTS.



TESTIMONIALS

1898

PROFESSOR AND TEACHER OF PATHOLOGY

1898

PROFESSOR AND TEACHER OF MEDICAL SCIENCE RELATED TO

PATHOLOGY

1898

DEPARTMENT OF MEDICAL SCIENCE AS PATHOLOGIST

LXXIII.

From JOHN HUGHES BENNET, M.D., F.R.S. & F.R.C.P.

Edinburgh, Honorary Fellow of King's and Queen's College of Physicians, Ireland; Professor of the Institutes of Medicine and of Clinical Medicine in the University of Edinburgh; Physician, and formerly Pathologist, to the Royal Infirmary, Edinburgh. Author of "The Principles and Practice of Medicine," "The Pathology and Treatment of Pulmonary Consumption," "Lectures on Molecular Physiology, Pathology, and Therapeutics," "The Restorative Treatment of Pneumonia," and numerous other important contributions to Pathology and Practical Medicine.

1 GLENFINLAS STREET,  
EDINBURGH, *Sept. 4. 1869.*

MY DEAR SIR,—On returning from the country, I found a copy of your Reports on the Cattle Plague, for which accept my best thanks. I have always considered that your investigations into this important subject did you infinite credit, and at once placed you in a high rank among comparative pathologists.—I am, yours very truly,

J. HUGHES BENNETT.



## LXXIV.

## COLLECTIVE TESTIMONIAL

From A. CLARK, M.D., Professor of Pathology in the College of Physicians and Surgeons, New York ;

From C. R. AGNEW, M.D., Clinical Professor in the College of Physicians and Surgeons, New York ;

From ISAAC E. TAYLOR, M.D., President and Emeritus Professor of Obstetrics in Bellevue Hospital Medical College, New York ;

From FORDYCE BARKER, M.D., Clinical Professor of Midwifery and Diseases of Women, New York.

No. 23 EAST 21ST STREET,  
NEW YORK CITY, *7th September 1869.*

To the CURATORS of the  
University of Edinburgh.

The undersigned having attentively perused the Report on the Rinderpest made to the Agricultural Society of the State of New York, has been made familiar with the admirable researches of Dr Smart of your city, on the Pathology and treatment of that Epizootic ; and learning that he is a Candidate for the Chair soon to be vacant by the resignation of Dr Henderson, takes great pleasure in attesting a sense of the value of his labours, in giving to the scientific men of this country so just an insight into the Pathology of that distemper ; and in expressing the opinion that his elevation to the post he seeks would justify the expecta-

tion formed in this State of his future, as an accurate expounder of Pathological science.

A. CLARK, M.D.,

Professor of Pathology, College of Physicians and Surgeons.

I cheerfully agree with my friend Professor Clark in the above recommendation.

C. R. AGNEW, M.D.,

Clinical Professor, College of Physicians and Surgeons.

I most heartily endorse all that has been said in Dr Smart's favour, and believe he would be a valuable acquisition to the University.

ISAAC E. TAYLOR, M.D.,

President and Emeritus Professor of Obstetrics in Bellevue Hospital Medical College.

I fully concur with my friend Professor Clark in the above recommendation.

FORDYCE BARKER, M.D.,

Clinical Professor of Midwifery and Diseases of Women.



## LXXV.

From RENE BLACHE, M.D., Président De l'Académie Impériale de Médecine de France ; Médecin de l'Hôpital des enfants de Paris ; Auteur de Quelques considérations sur les causes de la mortalité des nouveau-nés et sur les moyens d'y remédier, &c., &c.

PARIS, LE 9 Septembre 1869.

MONSIEUR ET TRÈS-HONORÉ CONFRÈRE,—Une longue et très-grave maladie, dont je suis à peine convalescent, ma empêché de vous accuser plutôt réception de l'ouvrage que vous avez bien voulu m'envoyer et dont je vous remercie. Je l'ai lu avec le plus grand intérêt, et je ne saurais assez vous dire combien ce travail important m'a paru se distinguer de tout ce qui a été publié jusqu'ici sur le même sujet ou sur des sujets analogues.

Connaissances approfondies en anatomie, observation d'une exactitude scrupuleuse, discussion savante sur la nature et sur les moyens de traitement d'une maladie aussi grave et aussi spéciale, cela se trouve dans votre intéressant ouvrage sur la peste bovine. Avec un tel bagage scientifique, vous seriez incontestablement bien apte à remplir avec une grande distinction une chaire de pathologie ou de médecine comparée. Permettez-moi d'espérer qu'elle vous sera accordée !

Mille nouvelles assurances de ma profonde estime et de mon sincère dévouement.

DR BLACHE,

Président De l'Académie Impériale de Médecine.

*(Translation.)*

From RENE BLACHE, M.D., President of the Imperial Academy of Medicine of France; Physician to the Children's Hospital of Paris. Author of "Some Considerations relating to the causes of the mortality of newly-born Infants, and their remedy, &c., &c."

PARIS, 9th September 1869.

SIR AND HIGHLY HONOURED COLLEAGUE,—A protracted and very serious malady, from which I have scarcely recovered, has prevented me sooner acknowledging receipt of the work which you have been so good as to send me.

I have perused it with the greatest interest, and cannot sufficiently express to you how this important Treatise appears to me to be distinguished from every other work upon the same or upon kindred subjects.

Profound acquaintance with Anatomy, observations of scrupulous exactitude, erudite discussion as to the nature and treatment of so grave and peculiar a malady,—all these are found in your interesting work on Rinderpest.

With such scientific equipment, you would indisputably be fitted in a high degree to occupy with great distinction a Chair of Pathology or Comparative Medicine. Permit me to express the hope that this will be accorded to you.

A thousand fresh assurances of my profound esteem and sincere devotedness.

DR BLACHE,  
President of the Imperial Academy of Medicine.



## LXXVI.

From J. A. VILLEMIN, M.D., Professeur au Val de Grâce.

Auteur de "Recherches sur la Vésicule Pulmonaire et l'emphysème;" "Etudes sur la Tuberculose, preuves rationnelles et expérimentales de sa Spécificité et de son inoculabilité;" "Mémoires sur l'Inoculation du Tubercule," &c.

PARIS, LE 2 Septembre 1869.

MONSIEUR ET TRÈS-HONORÉ CONFRÈRE,—J'ai lu avec un très-grand intérêt votre beau travail sur la Rinderpest; je vous remercie d'avoir bien voulu me l'envoyer. Les lésions anatomiques, que vous avez si bien décrites et figurées, nous montrent que cette maladie est bien spéciale et exclusive à une seule catégorie d'animaux, ce que les conditions étiologiques et le mode de propagation enseignent d'un autre côté. Je ne saurais trop louer la façon ingénieuse et instructive avec laquelle vous avez fait ressortir par vos tableaux les caractères anatomo-pathologiques que vous avez trouvés dans vos nombreuses dissections. Peut-être vos juges trouveront-ils que votre travail ne touche qu'indirectement à la pathologie humaine, mais ils reconnaîtront sans nul doute le talent d'observation dont vous avez fait preuve. Pour cette raison, je l'espère, ils vous considéreront comme un candidat d'avenir pour l'Université d'Edimbourg qui compte dans son sein tant d'hommes distingués.

Recevez, Monsieur, et très-honoré confrère l'assurance de mes sentiments de très-grande considération.

VILLEMIN.



*(Translation.)*

From J. A. VILLEMIN, M.D., Professor at the Military Medical School of the Val de Grace, Paris; Discoverer of the Production of Tubercle by Artificial Inoculation; Author of "Researches upon the Pulmonary Vesicle and Emphysema;" "Studies regarding Tubercle,—Rational and Experimental Proofs of its being Specific and Inoculable;" "Memoirs regarding the Inoculation of Tubercle," &c.

PARIS, 2d September 1869.

SIR AND HIGHLY HONOURED COLLEAGUE,—I have read with very great interest your beautiful work on Rinderpest. I thank you for having been so good as to send it to me. The anatomical lesions which you have so well described and delineated, shew that this malady is quite peculiar, and confined to a single category of animals,—a fact which the etiological conditions and the mode of its propagation further teach. I cannot too highly praise the ingenious and instructive method by which you have exhibited in your Tables the anatomico-pathological characters found in your numerous dissections.

Your umpires will find, perhaps, that your work touches but indirectly upon human pathology, but they will without doubt recognise the talent of observation of which you have given proof. For this reason I hope they will regard you as a candidate of high promise for the University of Edinburgh, which numbers within its pale so many distinguished men.

Receive, Sir and highly honoured Colleague, my sentiments of very high consideration.

VILLEMIN.



## LXXVII.

From JAMES RUSSELL, M.D. & F.R.C.P. London, Professor  
of Medicine in Queen's College, Birmingham, and Physician  
to the Birmingham General Hospital.

BIRMINGHAM, *September 11. 1869.*

MY DEAR SIR,—I have been long in availing myself of the opportunity of reading the Report on the Rinderpest, which you were so good as to send me.

Since my return home, I have been obliged to put by work, on account of temporary ill health.

Permit me now, though late, to express to you the high opinion I entertain of the value of your researches, and the respect I feel for the power of work and capacity for careful observation which the Report manifests.

I am impressed with the amount of labour you have undertaken single-handed, and with the breadth of the inquiry into which you have entered. I have been out of the medical world for the last few weeks, but in case the election for the Chair of Pathology in your University has not taken place, I cannot but express a hope that the claims you have so justly established for favourable consideration will be fully recognised by the electors.

Sincerely desiring your success, my dear Sir, faithfully yours,

JAS. RUSSELL.

## LXXVIII.

From W. WILLIAMS, F.R.S.E., Principal and Professor of  
Pathology and Veterinary Medicine in the Veterinary Col-  
lege, Edinburgh, &c.

VETERINARY COLLEGE,  
EDINBURGH, 22d Sept. 1869.

AND. SMART, Esq., M.D.

DEAR SIR,—In reply to your letter, I beg to state that your treatise on Rinderpest is well known to me, and has been made use of as a text-book to my lectures on Cattle Plague. I am of opinion that it is the best work on the *Pathology* of this disease in any language. It shews great originality of research and a power of investigation possessed by few, and to my mind is a sufficient guarantee that you are gifted with a profound knowledge of pathological science.

I remain, Sir, yours obediently,

W. WILLIAMS.



## LXXIX.

Extract from Letter of SOCRATE CADETZ, Professor of Pathological Physiology in the University of Rome.

ROMA, 11 Settembre 1869.

. . . . Ella ha trattato il soggetto assai commendevolmente ne' suoi quattro rapporti. Trovo assai utile la tavola comparativa dei risultamenti delle osservazioni istituite ne' cadaveri degli animali morti da morbo epizootico e trovo da ultimo assai belle ed istruttive le rappresentanze delle strutture del sangue e del latte vizioso. E in proposito di queste rappresentanze mi rallegro veramente con lei che ha potuto vedersele condotte con quella esattezza e con quellà verita che il volgo considera come lusso mentre è tutt' altro.

Per le quali cose io tengo che questa opera come le abbia già fruttato molta lode cosè in Europa come in America, cosè debba efficacemente comorrere a farle conseguire la cattedra di Patologia su la quale potrebbe adoperare di vantaggio e per l'incremento della scienza e pel bene dell' Umana famiglia. Dolente di non poterle offerire altro che la seconda parte di un mio piccolo lavoro per non aver più esemplari della prima ho l'onore di segnarmi.

Della S. V. Ecc<sup>mo</sup>. e Chiar<sup>mo</sup>. obl<sup>mo</sup>. servo,

SOCRATE CADETZ.

(*Translation.*)

ROME, 11th September 1869.

. . . . You have in your Four Reports treated the subject in a manner highly laudable. The comparative tables of the results of observations made upon the carcasses of animals which died of Epizootic disease, I find extremely serviceable ; and the drawings shewing the structural characters of the blood and of diseased milk, I also find to be extremely beautiful and useful. With regard to these plates, I rejoice to see that you have been able to have them executed with such precision and truthful accuracy.

It is my opinion that this work, which has gained you so much praise both in Europe and America, will also enable you to obtain the Chair of Pathology, where you could work with advantage for the advancement of science and for the good of humanity.

I regret being able to send only the second part of my work, as I have not any more copies of the first part.

I have the honour to be, your obedient servant,  
SOCRATE CADETZ.



## LXXX.

From S. L. SCHENK, M.D., Professor of Physiology in the University of Vienna. Author of "Contributions to the Physiology of the Embryonic Heart," and other important Works.

HOCHVEREHRTER HERR COLLEGE,—Dass ich erst heute zur Beantwortung Ihres werthen Schreibens komme, ist meine Abwesenheit aus Wien während der Ferienschuld.

Ich erfreue mich sehr, durch Ihre Güte in die Lage versetzt zu sein, eine so ausführliche Abhandlung über Rinderpest wie die Ihrige besitzen zu können. Soweit meine Wenigkeit über Ihre Schrift sich äussern kann, so erkenne ich selbe als eine der besten dieses Faches an. Ich erlaube mir zugleich Ihnen Glück zu wünschen zu Ihren ferneren Arbeiten und will mir demnächst das Vergnügen machen, von meinen Abhandlungen welche zu überschicken. Mit bestem Grusse und tiefster Hochachtung.

DR SCHENK.

*(Translation.)*

HIGHLY HONOURED COLLEAGUE.—Absence from Vienna during the vacation has occasioned the delay until to-day in my replying to your esteemed note.

I am truly happy in being placed by your courtesy in the position of possessing so elaborate a work as yours on Rinderpest. So far as my humble judgment allows me to express an opinion, I acknowledge it to be one of the best on this subject.

I take the liberty at the same time of wishing good fortune to your further labours, and shall ere long send you some of my treatises.

With best greeting and most profound esteem,

DR SCHENK.



## LXXXI.

From HAMILTON BUSBEY, Esq., Editor of the "*Turf, Field, and Farm*," New York, United States.

"TURF, FIELD, AND FARM,"  
NEW YORK, September 9. 1869.

To the CURATORS of the  
University of Edinburgh.

The undersigned, as one of the editors of the *Turf, Field, and Farm*, has had occasion to refer, as to an authority, to Hon. A. B. Conger's Report on the Rinderpest, in discussing for the benefit of the American public the diseases to which horned cattle are incident. In examining it, he sees that Mr Conger credits most of his Pathological researches to Dr Smart of Edinburgh, whose microscopic investigations and illustrations of the lesions of that fearful murrain, shew him to be perfectly at home in this field of science. He believes it to be generally acknowledged, that the agricultural community of this country are deeply indebted to the learning and ability of Dr Smart, in throwing so much light upon subjects of such vital importance; and understanding that he is a Candidate for the Chair of Pathology in the University of Edinburgh, the writer takes the liberty of expressing the opinion, that the selection of Dr Smart for that Chair would be received with pleasure by the American people, who acknowledge the value of scientific discussions applied to the varied interests of agriculture; and though they know him only by reputation, they accept his reputation as that of sterling worth, which should not go unrewarded.—Very respectfully,

HAMILTON BUSBEY.

## LXXXII.

GLTI. GLUGE, M.D., Professor der physiologischen Pathologie an der Universitaet Brüssel. Verfasser der anatom mikroskopischen Untersuchungen zur allgem. und speciellen Pathologie; "Die Influenza oder Grippe nach den Quellen histor. pathol. dargestellt;" "Abhandlungen zur Physiologie und Pathologie;" "Anatom. Mikroskop. Untersuchungen;" "Pathologische Histologie," &c., &c.

BRUXELLES, 20th September 1869.

Le soussigné déclare qu'il a lu avec plaisir le mémoire de Mr Andrew Smart sur la Rinderpest et qu'il prouve suffisamment les connaissances pathologiques de l'auteur.

Dr GLUGE,  
Professeur à l'université.

(Translation.)

From GOTTLIEB GLUGE, M.D., Professor of Physiological Pathology in the University of Brussels. Author of "Anatomical Microscopical Investigations in General and Special Pathology;" "Influenza viewed from its Historical and Pathological Sources;" "Treatises on Physiology and Pathology;" "Anatomical Microscopic Researches;" "Pathological Histology," &c., &c.

BRUSSELS, 21st September 1869.

The undersigned declares that he has read with pleasure the Memoir of Mr Andrew Smart on Rinderpest, and that it sufficiently proves the Pathological knowledge of the author.

Dr GLUGE,  
Professor of the University.



## LXXXIII.

From WALTER FORBES, M.D., Edinburgh, Formerly Clinical Clerk in the University Medical Ward of the Royal Infirmary, Edinburgh.

4 W. NEWINGTON TERRACE,  
*23d September 1869.*

MY DEAR SIR,—It is with great pleasure that I give my testimony in favour of your abilities as a teacher, having, during your residence in the Royal Infirmary, had many opportunities of profiting by your clear and able instruction.

With every wish for your success, I remain, yours faithfully,

W. FORBES.

## LXXXIV.

From NATHANIEL D. J. OMAN, M.B. & C.M. Edinburgh,  
formerly Clinical Clerk in the University Wards of the Royal  
Infirmary, Edinburgh.

WISHAW, *September 1869.*

It affords me great pleasure to have an opportunity of bearing testimony to the high qualifications of Dr Andrew Smart, candidate for the Chair of General Pathology in the University of Edinburgh.

I held the office of Senior Clerk in the Clinical (Medical) Ward of the Royal Infirmary while Dr Smart was Assistant Professor of Medicine in the University, and had thus many opportunities of judging of his great skill as a Physician, his profound knowledge of Pathology, and his wonderful *teaching capacity*.

I am certain that all who benefited by his clear and interesting description of the Pathological condition of the various patients in the hospital, would be delighted to have an opportunity of bearing testimony to his great facility in communicating instruction.

N. D. J. OMAN.



## LXXXV.

From ELLIS F. THOROLD, M.A. Oxford, M.D. Edinburgh;  
Member of the Royal College of Surgeons of England; and  
late Scholar of Corpus College, Oxford.

5 WINDSOR VILLAS,  
PLYMOUTH, *September 24. 1869.*

DEAR DR SMART,—I am very glad to offer my testimony on the point to which you refer, and should be pleased to think that it was of service to you.

In 1863, being resident in Edinburgh after my graduation, I used, along with an army surgeon, to attend your evening tutorial rounds in Professor Bennett's wards, of which you were House Physician.

I remember that we both considered ourselves greatly indebted to you for your instructions in Physical Diagnosis. Speaking for myself, I am happy to bear testimony that you were not only willing, but able to impart instruction; and that I used sometimes to feel surprised at the pitch of refinement to which you seemed to carry the art which we were studying.

I do not enlarge on other points, because I am aware that on these you have much better testimony than mine.

With very good wishes, believe me, dear Dr Smart,  
very sincerely yours,

ELLIS F. THOROLD.

## LXXXVI.

From MICHAEL BEVERLEY, M.D. Edinburgh, L.S.A. ;  
Member of the Royal College of Surgeons of England ;  
Associate of King's College, London ; Resident Surgeon to  
the Norfolk and Norwich Hospital, &c., &c.

NORFOLK AND NORWICH HOSPITAL,  
NORWICH, *September 25. 1869.*

MY DEAR SIR,—In compliance with your request, I have much pleasure in bearing testimony to your fitness for the Chair of Pathology in the University of Edinburgh, so far as your abilities as a Teacher are concerned.

I have a lively recollection of the earnest and painstaking way in which you gave instruction to the members of Dr Hughes Bennett's Clinique, in Clinical Medicine and Pathology, and it affords me great satisfaction to have this opportunity of testifying to your excellencies in this respect.

I am, yours very truly,

MICHAEL BEVERLEY.

Dr SMART.



## TESTIMONIALS RECEIVED AFTER DATE OF ELECTION.

—o—

LXXXVII.

### HONORARY DIPLOMA

From the New York State Agricultural Society.

TO ANDREW SMART, M.D.,  
24 Melville Street,  
Edinburgh, Scotland.

“ At a meeting of the Executive Committee of the New York State Agricultural Society, held at the Agricultural Rooms in the city of Albany, on the fourteenth day of October, *Anno Domini* one thousand eight hundred and sixty-nine,—

*Resolved*, That the New York State Agricultural Society, having been made familiar with the researches of Dr Andrew Smart of Edinburgh, on the Rinderpest, through the report drawn up by the Hon. Abraham B. Conger, one of the ex-presidents and councillors of the Society, doth hereby bear testimony to the learning, ability, and sagacity, evinced by Dr Smart in his investigation of the pathology of that disease, particularly in his microscopic investigations of its lesions, and in the plan of treatment so judiciously recommended.

*Resolved*, That it appearing that Doctor Andrew

Smart is at the present time a Candidate for the Chair of Pathology in the University of Edinburgh, this Society doth now confer upon him its diploma for his valuable researches, and warmly joins with them in presenting his claims for the distinguished honour which he is understood to seek from the university of the city that witnessed his careful studies. In attestation whereof, the said Society hath caused its seal to be hereto affixed.

Done at the City of Albany, the day and year  
aforesaid, by order of the Executive Committee.

T. L. HARISON, *Sec.*"

"It was further *Resolved*, That a copy of the foregoing Resolutions be engrossed and attested by the seal of the Society, and transmitted to Doctor Smart, and that a copy be sent by the Secretary to the Right Honourable the Lord Provost of the City of Edinburgh."



## LXXXVIII.

From C. G. EHRENBURG, M.D., Professor und Geheime Ober-Medicinal-Rath, Verfasser von "Ueber den Cyncephalus und die Sphinx der Aegyptier und über das Wechselverhältniss des Affen und Menschen;" "Naturgeschichtliche Reisen durch Nord-Africa und West-Asien;" "Symbolæ physicæ, seu icones et descriptiones Mammalium, Avium, Insectorum, et animalium evertibrat., quæ ex itinere per Africam borealem et Asiam occidentalem studio novæ aut illustratæ redierunt, 1825-45;" "Mittheilungen einer sehr einfachen Methode zum Festhalten, Vergleichen und Aufbewahren der feinsten und vergänglichsten mikroskopischen Objecte;" "Ein Wort zur Zeit.—Erfahrungen über die Pest im Orient und über verständige Vorkehrungen bei Pestansteckung zur Nutzenanwendung bei der Cholera;" "Ueber den Mangel des Nervenmarks im Gehirne der Menschen und Thiere, den gegliederten, röhri-gen Bau des Gehirns und über normale Krystallbildung im lebenden Thierkörper;" "Beobachtung einer bisher unbekannten auffallenden Structur des Seelenorgans bei Menschen und Thieren," &c., &c.

BERLIN DEN, 23 Octob. 1869.

GEEHRTER HERR DOCTOR,—Sie haben mich unter dem 2<sup>ten</sup> August ersucht Ihnen über Ihre wichtige Schrift, die entsetzlich einflussreich gewordene Rinderpest betreffend (Interim Report by Dr Smart) einige Worte zu schreiben, um wo möglich dieselbe als Empfehlung Ihrer Thätigkeit zu benutzen. Ich kann nur sehr bedauern, dass meine Antwort wahrscheinlich zu spät für Ihre Zwecke eintrifft, indem eine dreimonatliche, nöthige Erholungsreise mich bis jetzt in der Schweiz gehalten hat.

Ihre Schrift, die Pathologische Anatomie des



Rindes während der Pest-Epidemie sorgfältig mit gründlicher allgemeiner anatomischer Sachkenntniss behandelnd, ist durch die vielen beigegebenen sauberen Abbildungen der wesentlichen Gegenstände ganz geeignet, die Pathologischen Veränderungen der betreffenden Organismen klar zu erläutern. Ja, Sie haben sich auch bemüht die therapeutische Seite der betreffenden Epidemie, wie es scheint mit Glück, zu einem wesentlichen Nutzen zu befördern. Je aufopferungsmuthiger eine solche Bemühung sein muss, und je einflussreicher auf den Wohlstand der Länder dergleichen pestartige Seuchen sind, desto mehr Anerkennung verdient eine solche Schrift wie die, welche Sie 1866 publicirt und mir jetzt übersendet haben. Es ist keineswegs eine schmeichelhafte Dankagung, die ich Ihnen sende, sondern vielmehr mein ernster Wunsch, dass Thätigkeiten und Kräfte wie die Ihrigen an die rechte Stelle der Wirksamkeit kommen mögen.

Es scheint mir theils aus Ihrem Schreiben, theils auch aus anliegender von umsichtiger Detailkenntniss des Organismus zeugender Schrift hervorzugehen, dass die in Aussicht genommene Stelle einer Professur für Pathologische Anatomie, welche hauptsächlich die menschliche Anatomie zu berücksichtigen hat, eine ebenso eifrige, umsichtige und aufopferungsmuthige Kraft in Ihnen finden werde.

Mit besonderer Hochachtung Ihr ganz ergebenster,  
C. G. EHRENBURG.



(*Translation.*)

BERLIN, 23d October 1869.

From C. G. EHRENBURG, M.D., Professor and Privy Councillor, Author of "On the Cynocephalus and the Sphinx of the Egyptians, and on the Reciprocal relation of Ape and Man;" "Naturo-Philosophical Voyages through North Africa and Western Asia, 1825-45;" "Physical Contributions, or figures and descriptions of Mammalias, Birds, Insects, and evertibrat. animals, which, by study on the voyage through Northern Africa and Western Asia have been acquired, new or illustrated;" "Communication of a very simple Method for the stopping, comparing, and preserving of the finest and most perishable Microscopical Objects;" "A Seasonable Word—Experiences on the Plague in the Orient, and on judicious Preventive Measures in Pestilential Contagions to be employed in the Cholera;" "On the want of Nervous Marrow in the Brain of Men and Animals, the Jointed, Reed-like Structure of the Brain, and on Normal Formation of Crystal in the Living Animal Body;" "Observations of a Striking Structure of the Organ of the Soul in Men and Animals, hitherto unknown," &c., &c.

HONOURED DOCTOR,—On the second of August you invited me to write you some expression of opinion on your important work on Rinderpest, whose influence has become dreadful (Interim Reports by Dr Smart), with a view to use it if possible as a testimonial of your capacity. I can only regret extremely that my answer will probably arrive only too late for your purpose, since a necessary journey for recreation of three months has detained me in Switzerland until now.



Your work, dealing with the Pathological Anatomy of Cattle, during the Plague epidemic, carefully, and with thorough general anatomical knowledge, is, by the addition of numerous apt illustrations of the essential lesions, highly suited to explain clearly the changes of the organisms in question. Nay, more, you have further endeavoured to advance the therapeutic side of the same epidemic, with success, as it would seem, in a very eminent degree.

In proportion to the self-sacrificing courage and devotion which such labours necessarily require, and the influence which contagious plagues of this sort exercise on the prosperity of countries, so much the higher should be the acknowledgments accorded to the work which you published in 1866, and have now sent to me.

It is no mere flattering expression of thanks that I send you, but much more my earnest wish that such energies and powers as yours may find their befitting sphere of action. It appears to me to be evident, partly from your writings and partly from the accompanying work—the witness of a comprehensive knowledge of the details of the organism—that the appointment in prospect of a Professorship of Pathological Anatomy, having special regard to Human Anatomy, will find in you a power equally zealous, circumspect, and courageous in self-sacrificing devotion.

With especial esteem, yours most devotedly,

C. G. EHRENBURG.



## LXXXIX.

From A. BARDELEBEN, M.D., Professeur de Chirurgie à l'Université de Berlin. Verfasser von "Lehrbuch der Chirurgie und Operationslehre;" "Conservative Richtung der neuen Chirurgie," &c., &c.

18 SCHIFFANERDAMUR,  
BERLIN, October 6. 1869.

MONSIEUR ET HONORÉ CONFRÈRE,—Vous avez eu la bonté de m'envoyer votre bel ouvrage sur la Rinderpest. Ce n'est qu'aujourd'hui que je puis vous en remercier, ayant voyagé plusieurs mois en Suisse et en Italie.

Votre monographie me paraît excellente ; mais je ne suis pas tout à fait à même de juger là dessus, parceque, en général, je ne m'occupe que de chirurgie et je n'ai jamais fait des études spéciales sur la maladie dont vous vous êtes occupé dans votre belle monographie.

Néanmoins, il me paraît que c'est une preuve bien importante que vous avez donnée, tout autant pour la méthode que pour les résultats, et je ne doute pas que les électeurs auxquels vous allez vous présenter comme candidat pour la chaire de Pathologie, se pourront fonder sur votre monographie comme témoignage de votre érudition et de votre dignité pour la place devenue vacante à votre Université.

Agréie, Monsieur, l'expression de ma plus haute estime et de ma considération parfaite.

A. BARDELEBEN.

*(Translation.)*

From A. BARDELEBEN, M.D., Professor of Surgery in the University of Berlin. Author of "Compendium of Surgery, and the Science of Operations;" "On the Conservative Disposition of the new Surgery," &c., &c.

18 SCHIFFBANERDAMUR,  
BERLIN, October 6. 1869.

SIR AND HONOURED COLLEAGUE,—You have had the goodness to send me your beautiful work on Rinderpest. Having been travelling several months in Switzerland and Italy, I can only to-day thank you for it.

Your monograph appears to me to be excellent, but as in general I am only occupied with surgery, and not having paid any special regard to the disease which you treat of in your beautiful monograph, I am not quite competent to pass a judgment upon it.

It nevertheless appears to me that you have furnished a highly important proof, both as regards method as well as results, and I doubt not the electors, to whom you are about to present yourself as a Candidate for the Chair of Pathology, will be able to rest upon your monograph as a witness of your learning and dignity for the place which has become vacant in your University.

Accept, Sir, the expression of my highest esteem and perfect consideration.

A. BARDELEBEN.



## XC.

From G. HERMAN MEYER, M.D., Professor der Anatomie an der Universität, Zurich. "Die neuere Gymnastik und deren therapeutische Bedeutung;" "Die menschliche Hand, Ein populärer Vortrag;" "Lehrbuch der Anatomie des Menschen;" "Die wechselnde Lage des Schwerpunktes in dem menschlichen Körper; Ein Beitrag zur plastischen Anatomie;" "Anleitung zu den Präparir-Uebungen für den Gebrauch der Studirenden."

ZURICH, 7 October 1869.

GEEHRTESTER HERR COLLEGE,—Mögen Sie es entschuldigen, dass ich Ihre geschätzten Zeilen vom 4<sup>ten</sup> August a. c. erst jetzt beantworte. Die Ursache dafür lag darin, dass ich, selbst nicht genügend sachverständig, Ihre Arbeit über die Rinderpest, mit deren Zusendung Sie mich beehrt haben, einem befreundeten in Bern wohnenden Veterinär vorgelegt habe.

Von diesem erhielt ich erst gestern Nachricht weil er erst nach der Rückkehr aus längeren Ferien meinen Brief vorfand. Es freut mich Ihnen mittheilen zu können, dass derselbe sich sehr anerkennend über Ihre Schrift geäußert hat. Insbesondere drückt er sich dahin aus, dass das Werk sehr hübsch und denkend geschrieben und das vorhandene Material in sehr gediegener Weise verarbeitet sei; namentlich drückt er sich auch sehr erfreut über die vortrefflichen und gut gewählten Abbildungen aus.

In vollkommenster Hochachtung, Ihr ergebenster,  
HERMANN MEYER.

*(Translation.)*

From G. HERMAN MEYER, M.D., Professor of Anatomy in the University of Zurich. Author of "Modern Gymnastics, and their Therapeutic Significance;" "The Hand of Man—a Popular Lecture;" "Compendium of the Anatomy of Man;" "The Varying Centre of Gravity in the Human Body: A contribution to Plastic Anatomy;" "An Introduction to the Dissecting Exercises, for the use of Students."

ZURICH, 7th October 1869.

HONOURED MR COLLEAGUE,—Please excuse me that I only now answer your esteemed lines of the 4th of August. The cause of it (delay) being that I not being myself a sufficiently competent judge, submitted your work on Rinderpest to a friend of mine—a Veterinarian, resident at Bern. From him I only yesterday received intelligence, he having found my letter not until after his return from a lengthened vacation. I am happy in being able to communicate to you that he has expressed himself regarding your work in terms most complimentary. He particularly points out that the work is most beautifully and thoughtfully written, and the materials maturely digested. In an especial manner he expresses himself to be highly delighted with the excellent and well-chosen illustrations.

In most perfect esteem, your most devoted

HERMAN MEYER.



## XCI.

From S. O. VANDERPOEL, M.D., Professor of General Pathology in the Albany Medical College, Albany, United States.

*To the Curators of the University of Edinburgh.*

The undersigned has, through the Report on the Rinderpest made by Hon. A. B. Conger, late President to the Agricultural Society of the State of New York, been made familiar with the admirable researches of Dr Andrew Smart of Edinburgh, in his Report on the Pathology and treatment of that terrible murrain. Understanding that he is a Candidate for the Chair of Pathology in your time-honoured Institution, he takes great pleasure in giving expression to his estimate of Dr Smart's ability, displayed in his microscopic and Pathological illustrations of this Epi-zootic, and in saying that the scientific men of this county have first through his researches obtained an accurate apprehension of the scope of this cattle disease, its lesions, and the proper basis of treatment to be pursued by them, should it ever cross the Atlantic.

He therefore desires to express to your Honourable Board the satisfaction he would enjoy in the knowledge of your decision to place this illustrious pupil of Virchow in the chair lately held by the distinguished Henderson.

S. O. VANDERPOEL.

## XCII.

Extract of Letter from GAETANO PUCCianti, M.D., Professor of General Pathology in the University of Pisa.

PISA, 23 Novembre 1869.

PREG<sup>mo</sup> SIGNORE,—Per provarvi la stima in cui qu  si tiene quella memoria che avestela cortesia di mandarmi vi annunzio che essa sara tra breve pubblicata tradotta in italiano nel giornale di Anatomia, Fisiologia e Patologia degli animali, compilato da due professori di questa Universita di Pisa. . . . .

Aggragate, a Signore, gli ossequi del vostro, Devotissimo Servo,

Prof. GAETANO PUCCianti.

To Mr ANDREW SMART, M.D.,  
Edinburgh.

(Translation.)

PISA, 23d November 1869.

VERY DEAR SIR,—In order to prove to you the estimation in which the work is held here which you had the courtesy to send me, I announce to you that a translation of it will shortly appear in the Journal of Anatomy, Physiology, and Pathology of Animals, which is edited by two Professors of this University of Pisa. . . . .

Accept, Sir, the homage of your very devoted servant,

Prof. GAETANO PUCCianti.



## XCIII.

From the OFFICE-BEARERS and COMMITTEE of the  
SOCIETY OF HIGH CONSTABLES of the City of Edinburgh.

ANDREW SMART, Esq., M.D.

DEAR SIR,—We, the undersigned, have great pleasure in expressing the high regard in which you have been held by the whole of the members of this “ancient and honourable” Society, of which you have for several years so efficiently filled the office of surgeon. Fortunately the duties required from you in that position did not call for a practical test of your ability as a surgeon, but of this we are certain, that you, by your amiable and polite bearing towards every member of this Society, have endeared yourself to them all. We, therefore, in name of the Society, take this occasion to wish you all success in your candidature for the Chair of Pathology in the University of our city, and have no doubt that, should you be the fortunate candidate, you will more than justify even the most laudatory of your numerous testimonials.

ROBT. CHAMBERS jun., Moderator.	GEO. CAMPBELL, Capt. 5th Ward.
WM. R. CLAPPERTON, Ex-Modr.	WM. GRANT, „ 6th „
ANDREW ROBERTSON, Vice-Modr.	THOS. TAIT, „ 7th „
ROBERT MITCHELL, Treasurer.	WM. RICHARDSON, 8th „
THOMAS HALL, Secretary.	WM. MILLER, „ 9th „
W. CROPPER jun., Custodier.	DAVID MARSHALL, 10th „
W. PORTEOUS, Capt. 2d Ward.	JOHN CAMPBELL, „ 11th „
ROBT. HAY, „ 3d Ward.	WM. ANGLES, „ 12th „
JOHN STEVENSON, 4th Ward.	JOHN THOMSON, „ 13th „

# GENERAL INDEX

OF

FIRST, SECOND, AND THIRD SERIES OF  
TESTIMONIALS,

WITH ANALYSIS

SHEWING

	PAGES
I. EVIDENCE AS TO KNOWLEDGE OF PATHOLOGY, AND FITNESS FOR A CHAIR OF PATHOLOGY, . . . . .	44-59
II. EVIDENCE AS TO FITNESS FOR TEACHING AND PUBLIC ADDRESS, . . . . .	60-64
III. EVIDENCE AS TO GENERAL SCIENTIFIC ATTAIN- MENTS, . . . . .	65-67



## I. EVIDENCE AS TO KNOWLEDGE OF PATHOLOGY, AND FITNESS FOR A CHAIR OF PATHOLOGY.

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### AMERICA.

UNITED STATES OF. The New York State Agricultural Society on the Pathology of Rinderpest Committee.—“Of the works referred to . . . that of Dr Smart of Edinburgh, with its splendid pathological illustrations, has been most invaluable . . . in the delineation of symptoms of morbid anatomy. . . . The pathological appearances which follow are principally those obtained by Dr Smart. Wherever other authorities differ from Smart, we shall under each head note the discrepant statements, as these clearly reveal modifications of the disease as observed by Smart. . . . Veterinary Science is now invoking to its aid the most eminent Pathologists and Therapeutists of the age, in order to secure the mastery of this disease.”—*First Series*, pp. 49, 50.

BUSBY, HAMILTON, Editor of the “Turf, Field, and Farm,” New York.—“ . . . Mr Conger credits most of his Pathological researches to Dr Smart of Edinburgh. . . . The selection of Dr Smart for that Chair (General Pathology) would be received with pleasure by the American people, . . . they accept his reputation as that of sterling worth.”—*Third Series*, p. 22.

CLARK, A., M.D., Professor of Pathology, New York.

AGNEW, C. R., Clinical Professor, New York.

TAYLOR, ISAAC E., President and Emeritus Professor, Bellevue Medical College, New York.

BARKER, FORDYCE, Clinical Professor, New York.

“ . . . His elevation to the post he seeks, would justify the expectation formed in the State of his future as an accurate expounder of Pathological Science.”—*Third Series*, p. 10.

## AMERICA—continued.

VANDERPOEL, S. O., Professor of General Pathology, Albany.  
 —. . . “The scientific men of this country have first through his researches obtained an accurate apprehension of the scope of this disease . . . desires to express the satisfaction he would enjoy in the knowledge of your decision to place this illustrious pupil of Virchow in the chair.”—*Third Series*, p. 40.

DIPLOMA, HONORARY. From New York State Agricultural Society.—“This Society doth now confer upon him its Diploma, for his valuable researches, and warmly joins with them in presenting his claims for the distinguished honour which he is understood to seek from the University of the city that witnessed his careful studies.”—*Third Series*, p. 30.

## BASLE.

WETTE, L. DE, Professor of Medicine.—“The way in which you have treated your subject seems to me a very scientific one, and shews that you are a master in making observations and experiments in Pathological Anatomy.”—*Second Series*, p. 116.

## BERLIN.

VIRCHOW, RUDOLPH, Professor of Pathology.—“I can therefore affirm that this learned gentleman possesses an excellent acquaintance with pathology, as well as the power of carrying on independent scientific investigation.”—*First Series*, p. 26.

BARDELEBEN, A., Professor of Surgery in the University.—. . . “You have furnished a highly important proof, both as regards method as well as results.” . . . . “The electors will be able to rest upon your monograph as a witness of your learning and dignity for the place which has become vacant in your University.”—*Third Series*, p. 36.



**BERLIN**—*continued.*

EHRENBERG, C. G., Professor in the University.—“ It is . . my earnest wish that such energies and powers as yours may find their befitting sphere of action.” . . . “ The appointment in prospect of a Professorship of Pathological Anatomy, having special regard to Human Anatomy, will find in you a power equally zealous, circumspect, and courageous in self-sacrificing devotion.”—*Third Series*, p. 32.

**BIRMINGHAM.**

FOSTER, BALTHAZAR W., Professor of Medicine in Queen's College.—“ . . . These reports worthily rank among the best scientific work done on the subject, and are ample guarantee in themselves of the ability and powers of observation and experiment which Dr Smart would bring to the discharge of the duties of the Chair of Pathology.”—*First Series*, p. 43.

RUSSELL, JAMES, Professor of Medicine in Queen's College.—“ . . . Permit me . . . to express . . . the high opinion I entertain of the value of your researches, and the respect I feel for the power of work and capacity for careful observation. . . . I am impressed with the amount of labour you have undertaken single-handed, and with the breadth of inquiry into which you have entered.”—*Third Series*, p. 16.

**BRESLAU.**

FREUND, WILHELM ALEXANDER, Professor of Medicine.—“ . . . The author stands in the foremost development of medical science, and is perfectly master of the naturo-philosophical method of research. . . . Dr Andrew Smart . . . has fully established his competence to enter on a Professorship of Pathology.”—*Second Series*, p. 104.

### BONN.

RINDFLEISCH, EDWARD, Professor of Pathology.—“The results of your fine researches . . . have been long known to me. . . . We do not yet possess in German literature a monograph which with such thoroughness examines an individual case, and only resting upon a very large number of such investigations, ventures to draw a conclusion with regard to the nature of a disease. In my opinion, this is the only correct, the only progressive method in pathology.”—*First Series*, p. 28.

### BRISTOL.

MARTYN, S., Lecturer on the Practice of Medicine.—“Dr Andrew Smart has established his reputation as a Pathologist.”—*First Series*, p. 67.

### BRUSSELS.

GLUGE, GOTTLIEB, Professor of Pathological Physiology in the University.—“ . . . It (the Memoir on Rinderpest) sufficiently proves the Pathological knowledge of the author.”—*Third Series*, p. 23.

### COPENHAGEN.

REISS, C., Professor of General Pathology and Pathological Anatomy.—“The Pathologists (of Denmark) were anxious to know the results of the philosophical investigations set on foot by the Pathologists of Great Britain. Among the very learned and instructive papers published, . . . none has here met with more approval . . . than the very able Reports . . . by Dr Andrew Smart. . . . No other paper has given us so accurate an outline of the anatomy of the morbid alterations. . . . It is evident that his elaborate, persevering, and highly valuable anatomical researches are of the greatest importance. . . . That we, as Pathologists, are very much indebted to Dr. Smart for his researches, is an unquestionable fact.”—*First Series*, p. 27.



## DANZIG.

ABEGG, HEINRICH, Councillor in the Health Department.—  
 “. . . Searchingly and clearly you have described the results of  
 your several pathological, anatomical, and therapeutic investigations.  
 . . . I am convinced that your work will prove of signal service as  
 a testimonial in your candidature for the Chair of Pathology.”—  
*Second Series*, p. 118.

## DUBLIN.

MAPOTHER, E. D., Professor of Physiology.—“. . . Dr  
 Smart's report . . . displays great powers of observation and  
 research. It is a work which shews that the writer is a sound and  
 original Pathologist.”—*First Series*, p. 39.

M'DONNELL, ROBERT, M.D., F.R.S., &c.—“. . . There is  
 abundant evidence of great powers of observation and extensive  
 pathological knowledge.”—*First Series*, p. 48.

SMITH, AQUILLA, Regius Professor of Materia Medica.—  
 “. . . The laborious investigations which you have conducted . . .  
 establish your competency to investigate human pathology in its  
 widest extent.”—*First Series*, p. 58.

MACSWINEY, STEPHEN, Professor of Medical Jurisprudence.—  
 “. . . I have no hesitation in saying that . . . you are a highly  
 scientific, an accurate, and an accomplished Pathologist, well quali-  
 fied to fill the Chair of General Pathology in the University of Edin-  
 burgh.”—*First Series*, p. 60.

KIRKPATRICK, J. RUTHERFOORD, M.D., F.R.C.S.I., &c.—  
 “. . . Having had many opportunities of knowing him as a  
 Pathologist and skilful Physician, I have the very highest opinion of  
 his professional attainments.”—*First Series*, p. 66.

FRASER, W., Lecturer on Medicine.—“. . . I feel that you  
 would be unusually well qualified to discharge the duties of a  
 Pathological Chair, and that your appointment to such a post would  
 be a material advantage to the University.”—*First Series*, p. 67.



## DUBLIN—continued.

LEDWICK, EDWARD, Lecturer on Physiology, Pathology, and Surgical Anatomy.—“ . . . I can therefore only express the very sincere hope that you may yet succeed in obtaining a wider field for the exercise of that talent, of which you have afforded such convincing proofs in the essays at present before me.”—*First Series*, p. 45.

CAMERON, CHARLES A., Professor of Hygiene and Chemistry.—“ . . . No one not possessed of an extensive knowledge of comparative anatomy and the pathology of the domesticated animals, could have prepared such admirable treatises.”—*First Series*, pp. 61, 62.

FOOT, ARTHUR WYNNE, M.D., T.C.D., Senior Demonstrator of Anatomy in the School of Physic, Dublin University.—“ . . . I recognise your observations on the subject (Pathology of Cattle Plague) to be accurate, minute, and truthful.”—*First Series*, p. 74.

## EDINBURGH.

BEGBIE, JAMES, M.D., &c., Physician to the Queen in Scotland.—“ . . . You have laid the profession and the public under deep obligations to you by your admirable investigations into the history and pathology of Cattle Plague. This debt cannot readily be forgotten; nor, may I be allowed to say, can I forget the valuable assistance you have so long afforded me in conducting minute examinations into more general pathology, requiring an intimate acquaintance with morbid anatomy, and skill in the discovery of early departures from health.”—*First Series*, pp. 53, 54.

BEGBIE, J. Warburton, Examiner in Medicine in the University of Edinburgh.—“ Dr Andrew Smart is well known . . . as having devoted special attention to Pathological investigations and morbid anatomy.”—*First Series*, p. 55.

BENNET, JOHN HUGHES, Professor of the Institutes of Medicine, and of Clinical Medicine in the University of Edinburgh.—“ . . . Your investigation into this important subject (Rinderpest) did you infinite credit, and at once placed you in a high rank among comparative Pathologists.”—*Third Series*, p. 9.



## EDINBURGH—continued.

MILLER, PETER, Surgeon, Senior Bailie of the City of Edinburgh.—“ . . . Having succeeded so well in a great emergency in your first efforts in describing the then entirely unknown pathology of the most terrible disease which can afflict the most useful of domestic animals, I have no manner of doubt that the same mental qualifications qualify you in a still more eminent degree for the study and teaching of human pathology.”—*First Series*, p. 56.

DUNCAN, JAMES MATTHEWS, Lecturer on Medicine and Midwifery.—“ . . . Dr Smart has paid much attention to human pathology, both in home and foreign schools; and I have no doubt that, if appointed to the Chair of Pathology now vacant in the University of Edinburgh, he will turn his great talents to good account.”—*First Series*, p. 57.

FRASER, THOMAS R., Laureate of the Imperial French Academy of Sciences.—“ . . . You have deservedly gained the approbation of the most distinguished leaders in the medical profession, as well as secured an undoubted position as a singularly able Pathologist, and a careful and accurate observer in the field of Morbid Anatomy. . . . I consider myself justified in entertaining the conviction that you would worthily and acceptably discharge the duties of any distinguished appointment concerned with Pathology.”—*Second Series*, p. 108.

MACLAGAN, DOUGLAS, Professor of Medical Jurisprudence, &c.—“ . . . It consists with my knowledge that you devoted much attention to morbid anatomy when in the Royal Infirmary. You have shewn your devotion to the subject of Pathology, and are thus entitled to offer yourself as a candidate for the Chair of Pathology in the University.”—*Second Series*, p. 101.

WILLIAMS, W., Principal and Professor of Pathology.—“ . . . The best work on the *Pathology* of this disease in any language. . . . Shews great originality of research, and a power of investigation possessed by few, and . . . is a sufficient guarantee that you are gifted with a profound knowledge of Pathological Science.”—*Third Series*, p. 17.



## EDINBURGH—continued.

BROWNE, W. A. F., M.D., F.R.C.P., Commissioner in Lunacy.—“ . . . His course has been distinguished by a disposition to engage in Pathological research, and actively to prosecute such investigations whenever an opportunity was presented. . . . His labours and work on the Pathology of the Cattle Plague, alone entitle his claims as a Candidate for the Chair of Pathology to consideration.”—*First Series*, pp. 60, 61.

GAMGEE, ARTHUR, M.D., F.R.S.E., &c.—“ . . . His admirable Reports, bearing chiefly on the morbid anatomy of this interesting disease, have proved him to be a most accurate Pathologist, endowed with great perseverance.”—*First Series*, p. 63.

ANNANDALE, THOMAS, Lecturer on Surgery.—“ . . . Having had constant opportunities . . . of judging of his professional capabilities, I conscientiously believe him to be a sound Pathologist and good physician.”—*First Series*, p. 69.

PEDDIE, A., M.D., F.R.C.P., &c.—“ . . . You possess qualities of mind, and such knowledge of medical science generally, as must eminently fit you for successfully investigating and teaching the subject of pathology.”—*First Series*, p. 59.

McLAREN, D., M.P.—“ . . . I have every reason to believe that he would fill the Chair to which he now aspires—General Pathology—in such a way as to maintain and increase the reputation of the Edinburgh Medical School.”—*First Series*, p. 75.

The Right Hon. The LORD PROVOST and MAGISTRATES of the City of Edinburgh.—*First Series*, p. 76.

The OFFICE-BEARERS and COMMITTEE of the SOCIETY of HIGH CONSTABLES of the City of Edinburgh.—*Third Series*, p. 42.

## FLORENCE.

PACINI, Cav. FILIPPO, Professor of Anatomy.—“ The undersigned . . . has had occasion to observe that this work has been executed with great exactness and precision, shewing that its author is endowed with extensive and sound pathological knowledge, as well as that he is acquainted with allied sciences; he would therefore be



## FLORENCE—continued.

in the highest degree fitted to occupy a Chair of Pathology with very great advantage to science and to education."—*First Series*, pp. 29, 30.

SCHIFF, M., Professor of Physiology.—" . . . Your work is so rich in details . . . it may suffice to give a very favourable impression of your knowledge and of your method."—*First Series*, p. 69.

## GIESSEN.

ECKHARD, C., Professor of Anatomy and Physiology.—" . . . It is my wish for you that you may be elected unanimously to a chair of morbid anatomy, in order that you may have the opportunity of devoting your labours exclusively to the cultivation of this domain; for, as I perceive from your elaborate paper, you are thoroughly acquainted with the contents and method which the study of this branch of medical science requires."—*Second Series*, p. 113.

## GLASGOW.

SIMPSON, ALEXANDER R., M.D., F.R.C.P., &c.—" . . . Likely to prove a successful Professor of General Pathology."—*First Series*, p. 70.

## HEIDELBERG.

FRIEDRICH, DR N., Professor of Pathology.—" I consider this work of Dr Smart's to be very thorough and conscientious, furnishing evidence of the extensive studies of the author, and materially extending our acquaintance with the above named Epizootic disease."—*First Series*, p. 31.

NUHN, Dr A., Professor of Anatomy in the University of Heidelberg.—" Your treatise . . . furnishes proofs, not only of great industry and care in the prosecution of Pathological research, but further evinces the possession of quite an extraordinary gift of acute observation and sound judgment brought to bear upon the subjects under consideration. I therefore feel myself constrained to affirm, that I consider you worthy and able in the highest degree to occupy a Chair of Pathology, and that the University of Edinburgh, in electing you Professor of Pathology, would make a highly fortunate choice."—*Second Series*, p. 111.



## LONDON.

ADAMS, WM., F.R.C.S., Vice-President of the Pathological Society of London.—“ . . . I am glad to take this opportunity of expressing my opinion, derived from a knowledge of his published works and Pathological investigations, that he is eminently qualified to fill the Chair he now seeks.”—*First Series*, p. 32.

FOX, WILSON, Professor of Clinical Medicine, and formerly Professor of Pathological Anatomy, in University College.—“ . . . I am constrained . . . to say, after my inspection of your book on the Cattle Plague, . . . that the work contained in it appears to me to be of a very high order in scientific Pathology.”—*First Series*, p. 34.

SAVORY, WILLIAM S., Professor of Comparative Anatomy and Physiology, Royal College of Surgeons.—“ . . . I gladly take the opportunity of saying that I have been very favourably impressed by the work. It seems to me to shew that the author must be, not only an accomplished Pathologist, but a skilful and successful inquirer.”—*First Series*, p. 35.

PETTIGREW, JAMES BELL, Croonian Lecturer to the Royal Society of London, &c.—“ . . . Dr Smart has a decided predilection and capacity for Pathological research, his very original and able observations on the nature and treatment of small pox, diabetes, and a variety of other diseases, and his very elaborate and exhaustive Memoirs on the Pathology of Rinderpest, evincing rare sagacity, consummate practical skill, and profound scholarship. . . . Whether, therefore, I regard Dr Smart as a gentleman, a scholar, a fluent, able, and eloquent expounder, as an original thinker and discoverer, or as a carefully and thoroughly educated Pathologist and Physician, he is, in my opinion, eminently qualified to fill the vacant Chair of Pathology in the University of Edinburgh.”—*First Series*, pp. 41, 42.

MOXON, WALTER, Professor of Pathology and Morbid Anatomy in Guy's Hospital.—“ . . . Your appointment could not fail to give great satisfaction, and add to the lustre of the University. Such work as your Report merits the highest position and recognition.”—*First Series*, p. 44.



LONDON—*continued.*

THUDICHUM, J. L. W., Professor of Pathological Chemistry.—“ . . . I have much admired, and still do admire, the labour, skill, and perseverance which you have brought to bear upon the elucidation of this Pathological phenomenon. . . . I cannot doubt but that the northern Athens will now or hereafter open a sphere for your activity, and thus advance, not only your just claim, but more particularly the interests of medical science.”—*First Series*, pp. 31, 32.

SIMONDS, JAMES B., Professor of Pathology in the Royal Veterinary College.—“ . . . I have read your writings on the Cattle Plague with great gratification; and judging from your Pathological knowledge therefrom, I have the satisfaction to state that I believe you are well qualified to fill the Chair of General Pathology in the University of Edinburgh.”—*First Series*, p. 42.

MURIE, JAMES, Prosector of Comparative Anatomy and Pathology to the Zoological Society of London.—“ . . . The clear, pointed manner in which he dealt with his subject, and the views thereon, compared with zymotic diseases in the human body, gave me a most favourable opinion of his powers to grapple with the essentials of complicated lesions. Since that time, some papers by the same author—on Variola and Diabetes—have increased my estimation regarding his capacity as an expounder of the principles involved in morbid anatomy. . . . I have great confidence in his proving an able professor, well suited to fill the Chair of Pathology in the University of Edinburgh.”—*First Series*, pp. 48, 49.

JENNER, SIR WM., BART., Professor of Clinical Medicine, and formerly Professor of Pathological Anatomy, University College.—“ Dr Andrew Smart's Reports on the Pathology of the Cattle Plague prove him to be an able Pathologist, and worthy of the position of Professor of General Pathology in the University of Edinburgh.”—*First Series*, p. 54.

GOODFELLOW, STEPHEN, J., Lecturer on Anatomy and Physiology.—“ . . . A most eligible Candidate for any Pathological Chair.”—*Second Series*, p. 114.



## LONDON—continued.

RUTHERFORD, WILLIAM, Professor of Physiology in King's College.—“ . . . By his valuable Reports upon the Cattle Plague, Dr Smart proved himself to be an excellent Pathologist, and a very careful, conscientious, and successful observer of scientific facts.”—*First Series*, pp. 71, 72.

EASTLAKE, HENRY E., Consulting Physician to the Western Dispensary, Westminster.—“ . . . I feel that it is quite superfluous for me to eulogise one whose researches in science have already placed his name in the foremost rank of scientific Pathologists.”—*First Series*, p. 74.

DAVY, RICHARD, Surgical Registrar to the Westminster Hospital.—“ . . . I therefore feel sure that Dr Andrew Smart, by reason of his early acquired experience in General Pathology, both at home and abroad, will not fail to sustain the prestige which this important Chair of our University has held from its foundation.”—*First Series*, p. 73.

BASTIAN, HENRY CHARLTON, Professor of Pathological Anatomy in University College.—“ . . . Such work as this shews quite plainly that in addition to your being already a very competent Pathologist, you must have a special predilection for Pathological Science.”—*Second Series*, p. 107.

RADCLIFF, C. B., Physician to Westminster Hospital.—“ . . . In wishing you success in this matter [election to the Chair of General Pathology], I am sure I am wishing for nothing which is at variance with the interests of the University of Edinburgh.”—*Second Series*, p. 117.

THORNE THORNE, R., Reporter to the Privy Council on Epidemic Typhoid Fever.—“ . . . It would be presumptive in me to pass an opinion on the results of work so carefully and scientifically carried out. . . I cannot but feel that you have presented me with a most valuable contribution to the history of the Rinderpest, which . . . draws most clear distinctions between that disease and others which, at first sight, are apparently allied to it.”—*First Series*, pp. 35, 36.



LONDON—*continued.*

HULKE, J. W., F.R.S., Honorary Secretary of the Pathological Society of London.—“The position you have made for yourself in the profession is the best guarantee of your eminent fitness for the post you now desire to obtain, and anything I could say in your favour, could not increase the weight of your claims.”—*First Series*, p. 33.

PARTRIDGE, RICHARD, Professor of Anatomy.—“It . . . indicates the bent of your mind to Pathological studies and investigations. . . . You are quite justified in offering yourself as a Candidate for the Chair of General Pathology in the University of Edinburgh.”—*Second Series*, p. 106.

HAWKINS, CÆSAR H., Sergeant-Surgeon to Her Majesty the Queen, &c.,—“. . . Your Reports on the Cattle Plague . . . afford evidence of great zeal and labour in the investigation of this formidable complaint, and must have contributed much to its elucidation.”—*Second Series*, p. 102.

BASHAN, WILLIAM R., Lecturer on the Practice of Medicine, and Physician to the Westminster Hospitals, &c.,—“. . . The above-mentioned Report will testify to your skill as a pathological observer, and your other contributions to medical literature are a public guarantee of your qualifications as a candidate.”—*Second Series*, p. 103.

RADCLIFFE, J. NETTON, Secretary to the Epidemiological Society of London.—“. . . From the knowledge of your labours concerning the Pathology of a formidable Epizootic alone, I feel no doubt that you would do ample justice to the Chair of General Pathology.”—*Second Series*, p. 112.

PITMAN, HENRY A., M.D., F.R.C.P. London, Consulting Physician to St George's Hospital, London.—“These Reports [Pathology of Cattle Plague] are the best evidence that their author is eminently qualified to fill the Chair of General Pathology in the University of Edinburgh.”—*Second Series*, p. 113.



LONDON—*continued.*

MOORE, CHARLES HEWITT, Surgeon to the Middlesex and St Luke's Hospitals.—“ . . . I am struck with the general skill which they display ” [the Reports on Cattle Plague].—*Second Series*, p. 115.

## LIVERPOOL.

RAWDON, H. G., Lecturer on Pathology.—“ . . . Dr Smart's name is well known in England as the author of the best series of researches in this country on the Pathology of the Cattle Plague. . . . His other contributions to medical science, and the important offices he has held in the University and Royal Infirmary of Edinburgh, prove him to be well qualified for the high position he is seeking.”—*First Series*, p. 38.

## MILAN.

POLLI, JOHN, Professor in the University.—“ . . . I think you have treated the question very deeply, by severe pathological investigations on the dead bodies, and by an intelligent direction in the treatment. . . . I shall be happy to present to my Italian medical friends . . . your very interesting researches and clinical experiments, which I think are evident proof of your eminent knowledge of Pathology, and your fitness for a chair.”—*First Series*, p. 37.

## MUNICH.

FRANCK, PROFESSOR.—“ . . . One cannot help perceiving that the author always founds his assertions upon a close observance of facts, a thing of immense importance in (the study of) diseases not yet fully investigated.”—*First Series*, p. 47.

## NEWCASTLE-ON-TYNE.

GIBB, C. J., M.D., Lecturer on Pathology in the Newcastle-on-Tyne College of Medicine in connection with the University of Durham.—“ . . . Any one at all conversant with Pathological research, must recognise it [Report on Cattle Plague] as proceeding from the hand of a master.”—*First Series*, p. 39.



## PISA.

PUCCIANTI, GAETANO, Professor of General Pathology in the University.—“ In order to prove to you the estimation in which your work is held . . . I announce to you that a translation of it will shortly appear . . . edited by two Professors of this University.”—*Third Series*, p. 41.

## PARIS.

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46

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