

The Beit memorial fellowships for medical research.

Contributors

Beit, Otto, (1865-1930)

Publication/Creation

Oxford : Beit Memorial Fellowships, [2003]

Persistent URL

<https://wellcomecollection.org/works/zts8efsn>

License and attribution

You have permission to make copies of this work under a Creative Commons, Attribution, Non-commercial license.

Non-commercial use includes private study, academic research, teaching, and other activities that are not primarily intended for, or directed towards, commercial advantage or private monetary compensation. See the Legal Code for further information.

Image source should be attributed as specified in the full catalogue record. If no source is given the image should be attributed to Wellcome Collection.



Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
<https://wellcomecollection.org>

→ MARK

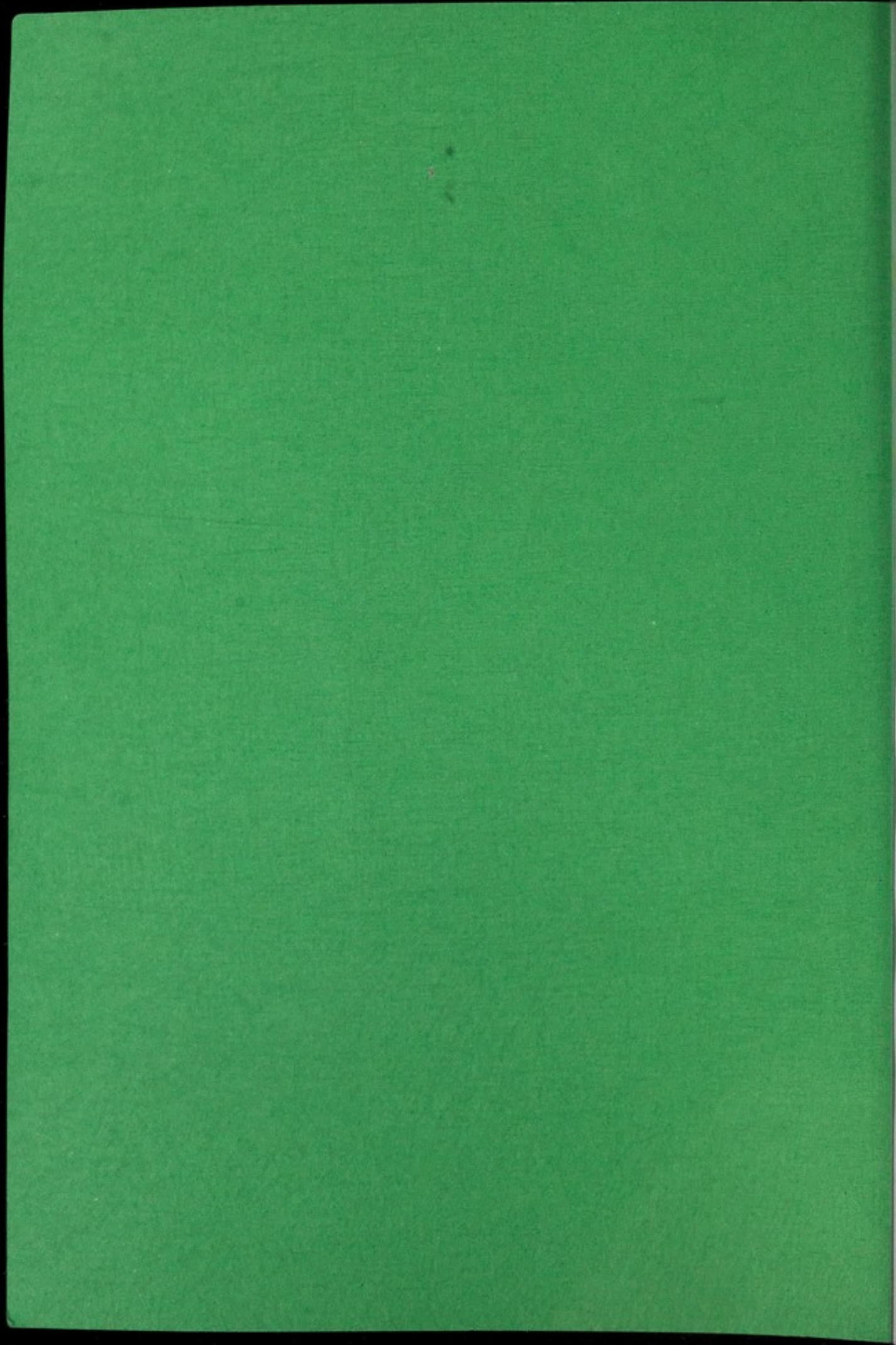
BEIT MEMORIAL FELLOWSHIPS

for

MEDICAL RESEARCH



September 2003



BEIT MEMORIAL FELLOWSHIPS

for

MEDICAL RESEARCH

Information for Candidates

Regulations for Fellows

List of Fellows
From the Foundation of the Trust

OXFORD
Beit Memorial Fellowships

Trustees

SIR CYRIL CHANTLER, M.A., M.D., F.R.C.P., F.R.C.P.C.H. (Chairman from 2003)	1997-
NICHOLAS A. GOLD	1980
PROFESSOR E.R. HUEHNS, PH.D., M.D., M.R.C.Path	1991-
LORD WALDEGRAVE OF NORTH HILL	1998-
PAUL A. DRAKE	2001-
SIR EDWARD GEORGE	2003-
DR T. HUNT, PH.D., F.R.S.	2003-

Scientific Advisory Board

PROFESSOR A. J. McMICHAEL, PH.D., F.R.C.P., F.R.S. Director, Weatherall Institute of Molecular Medicine and Professor of Molecular Medicine, University of Oxford (Chairman)	1984-
PROFESSOR R.H. MICHELL, PH.D., D.Sc., F.R.S. School of Biochemistry, University of Birmingham	1992-
PROFESSOR J. M. BLACKWELL, B.Sc., PHD Glaxo Professor of Molecular Parasitology, University of Cambridge	1996-
PROFESSOR K. M. SPYER, B.Sc. PHD, D.Sc. M.D. F.R.C.P. Dean of the Medical School, University College, London	1996-
PROFESSOR N HASTIE, PH.D., F.R.S., F.R.S.E. Director, MRC Human Genetics Unit, Edinburgh	1997-
PROFESSOR A.M. McGREGOR, Dean of Research, The health Schools of Kings College London	2001-

Former Trustees

THE RIGHT HONOURABLE THE MARQUESS CURZON OF KEDLESTON, K.G, F.R.S.	1909-1925
THE RIGHT HONOURABLE VISCOUNT MILNER, K.G	1909-1925
THE RIGHT HONOURABLE VISCOUNT HALDANE OF CLOAN, F.R.S	1909-1928
SIR OTTO BEIT, BART, K.C.M.G, F.R.S. Honorary Secretary, 1909-1930	1909-1930
SIR JAMES KINGSTON FOWLER, K.C.M.G., K.C.V.O., M.D. Honorary Secretary, 1909-1930	1909-1934
FRANCIS HAWKSLEY BOURCHIER, Esq	1909-1915
SIR ARTHUR E. SHIPLEY, G.B.E, SC.D, F.R.S	1916-1927
THE RIGHT HONOURABLE VISCOUNT HALIFAX, K.G Resigned on appointment as Viceroy and Governor-General of India	1925-1926
THE RIGHT HONOURABLE VISCOUNT CAVE, G.C.M.G	1925-1927
THE RIGHT HONOURABLE THE EARL OF CLARENDON, K.G Resigned on appointment as governor-General of Union of South Africa	1926-1930
THE RIGHT HONOURABLE THE EARL OF ONSLOW, G.B.E	1928-1945
THE RIGHT HONOURABLE LORD RAYLEIGH, O.M, F.R.S	1928-1946
SIR ALFRED BEIT, BART.	1928-1949
SIR JOHN ROSE BRADFORD, BART, K.C.M.G, C.B, M.D, F.R.S Formerly President of the Royal College of Physicians	1930-1935

THE RIGHT HONOURABLE LORD MACMILLAN OF ARERFELDY, K.C	1934-1946
THE RIGHT HONOURABLE LORD DU PARCQ, K.C	1947-1949
SIR H.A MIERS, D.SC, F.R.S (ex-officio) Principal of the University of London	1909-1915
SIR E. COOPER PERRY, G.C.V.O, M.D (ex-officio) Principal of the University of London	1920-1926
SIR T. FRANKLIN SIBLEY, D.SC (ex-officio) Principal of the University of London	1926-1930
SIR EDWIN DELLAR, LL.D (ex-officio) Principal of the University of London	1930-1936
H.L EASON, C.B, C.M.G, M.D, M.S. (ex-officio) Principal of the University of London	1937-1941
H. CLAUGHTON, C.B.E (ex-officio) Principal of the University of London	1942-1947
T.R ELLIOTT, C.B.E, D.S.O, M.D, F.R.S	1935-1953
THE RIGHT HONOURABLE LORD HARLECH, K.G, P.C, G.C.M.G	1928-1956
THE RIGHT HONOURABLE VISCOUNT WAVERLEY, P.C, G.C.B, G.C.S.I, G.C.IE, F.R.S	1945-1958
SIR HENRY H. DALE, O.M, G.B.E, M.D, F.R.C.P, F.R.S	1946-1967
SIR ANTHONY HORNBY	1948-1972
SIR ALAN N. DRURY, C.B.E, M.D, F.R.C.P, F.R.S	1953-1969
SIR FRANCIS GLYN, K.C.M.G (Honorary Treasurer)	1958-1969
SIR DOUGLAS W. LOGAN, D.PHIL, M.A, D.C.L (ex-officio) Principal of the University of London	1948-1975
THE RIGHT HONOURABLE THE LORD FRANKS, G.C.M.G, K.C.B, C.B.E (Chairman)	1956-1976
R.E.H FINCH, B.A.	1972-1976
SIR GEORGE W. PICKERING, M.A, M.D, F.R.C.P, F.R.S	1967-1979
SIR ASHLEY A MILES, C.B.E, M.D, F.R.C.P, F.R.S	1969-1981
DR F.M.G WILLSON, B.A (Admin), MANCH, M.A, D.Phil (ex-officio) Principal of the University of London	1975-1978
E.L. WINDSOR	1975-1978
J.R. STEWART, C.B.E, M.A (ex-officio) Principal of London University	1978-1983
SIR BERNARD KATZ, PH.D, D.SC, F.R.S	1979-1984
DR WILLIAM TAYLOR, C.B.E, F.C.P (ex-officio) Principal of London University	1983-1985
THE RIGHT HONOURABLE THE LORD HAILSHAM OF ST MARYLEBONE	1956-1991
SIR JOHN HOGG, T.D	1970-1991
DR F. SANGER, C.H, C.B.E, PH.D, F.R.S	1981-1991
PETER HOLWELL, B.Sc.(Econ), F.C.A. (ex officio) Principal of London University	1985-1997
A. JULIAN ROBARTS	1991-1998
SIR JEREMY MORSE, K.C.M.G. (Chairman)	1976-2003
SIR STANLEY PEART, F.R.S.	1984-2003

Former Members of Advisory Board

THE RIGHT HONOURABLE SIR T. CLIFFORD ALLBUTT, K.C.B, M.D, F.R.S Regius Professor of Physic University of Cambridge	1909-1918
SIR WILLIAM OSLER, BART, K.C.R, M.D, F.R.S Regius Professor of Physic, University of Oxford	1909-1913
SIR JOHN ROSE BRADFORD, K.C.M.G, C.R, C.B.E, M.D, F.R.S Physician to University College Hospital	1909-1921
E.H STARLING, C.M.G, M.D, F.R.S Professor Physiology, University College London	1909-1927
SIR CHARLES J. MARTIN, C.M.G, M.B, F.R.S Director of the Lister Institute of Preventive Medicine	1909-1930
SIR JAMES K. FOWLER, K.C.M.G, K.C.V.O, M.D Physician to the Middlesex Hospital	1909-1930
SIR CHARLES SHERRINGTON, O.M, G.B.E, M.D, D.SC, LL.D, F.R.S President of the Royal Society Professor of Physiology, University of Oxford	1911-1935
WILLIAM BULLOCH, M.D, F.R.S Director of the Bacteriological Laboratory, London Hospital Professor of Bacteriology, University of London	1911-1940
SIR F. GOWLAND HOPKINS, O.M, D.SC, M.B, F.R.S President of the Royal Society Professor of Biochemistry, University of Cambridge	1914-1939
CARL HAMILTON BROWNING, M.D, F.R.S Professor of Bacteriology, University of Glasgow	1919-1921
T.R. ELLIOTT, C.B.E, D.S.O, M.D, F.R.S Professor of Medicine, University of London, 1920-1938 Honorary Secretary, 1930-1944	1922-1944
SIR HENRY H. DALE, O.M. G.B.E, M.D, F.R.C.P, F.R.S President of the Royal Society, 1940-1945 Director, National Institute for Medical Research, Medical Research Council, 1928-1942	1927-1944
SIR PATRICK LAIDLAW, B.CH, F.R.S Pathologist, National Institute for Medical Research, Medical Research Council	1931-1939
SIR JOHN C.G. LEDINGHAM, C.M.G, M.B, D.SC, F.R.S Professor of Bacteriology, University of London Director of the Lister Institute of Preventive Medicine, 1932-1943	1931-1944
A.J.CLARK, M.C, M.D, F.R.S Professor Materia Medica, University of Edinburgh	1940-1941
SIR THOMAS LEWIS, C.B.E, M.D, F.R.S Physician University College Hospital	1944-1945
SIR HAROLD P. HIMSWORTH, K.C.B, M.D, F.R.C.P, F.R.S Professor of Medicine, University of London, 1939-1949	1945-1950
SIR ALAN N. DRURY, C.B.E., M.D., F.R.C.P., F.R.S. Director of the Lister Institute of Preventive Medicine, 1943-1952 Secretary, 1944-1952	1942-1953
THE RIGHT HONOURABLE LORD ADRIAN, O.M, M.D, F.R.C.P, F.R.S Professor of Physiology, University of Cambridge, 1937-1951	1935-1953
SIR PAUL FILDES, O.B.E, D.SC, M.B, F.R.S Director, Unit for Bacterial Chemistry, Medical Research Council, 1932-1949	1939-1954

SIR RUDOLPH PETERS, M.C, M.D, F.R.C.P, F.R.S Emeritus Professor of Biochemistry , University of Oxford Scientific Staff, Agricultural Research Council, Insitute of Animal Physiology, Babraham, Cambridge.	1939-1957
SIR CHRISTOPHER H. ANDREWS, M.D, F.R.C.F, F.R.S. Former Member of the Scientific Staff of the Medical Research Council Former Deputy Director, National Institute for Medical Research.	1944-1958
J.H. GADDUM, SC.D, F.R.S Director, Agricultural Research Council Institute of Animal Physiology, Babraham, Cambridge	1944-1959
SIR ASHLEY A MILES, C.B.E, M.D, F.R.C.F, F.R.S Director of the Lister Institute of Preventive Medicine Secretary 1952-1959	1952-1961
R.H.S. THOMPSON, M.A, D.M Professor of Chemical Pathology, University of London	1957-1962
G.F. MARRIAN, F.R.S, D.SC, F.R.I.C Professor of Biochemistry, University of Edinburgh Director of the Imperial Cancer Research Laboratories as from 1 st October, 1959	1958-1963
SIR ROY CAMERON, F.R.S Emeritus Professor of Morbid Anatomy, University College Hospital Medical School, London, Secretary 1959-1964	1954-1964
SIR LINDOR BROWN, C.B.E, M.B, F.R.S Principal, Hertford College, University of Oxford	1953-1965
SIR GEORGE W. PICKERING, M.A, M.D, F.R.C.P, F.R.S Master, Pembroke College, Oxford	1950-1967
DAME HONOUR B. FELL, PH.D, D.SC, F.R.S Director, Strangeways Research Laboratory, Cambridge	1959-1969
SIR ALEXANDER HADDOW, M.D, D.SC, F.R.S Director, Chester Beatty Institute of Cancer Research, London	1961-1969
PROFESSOR WALTER T.J. MORGAN, D.SC, F.R.I.C, F.R.S Deputy Director of the Lister Institute, London	1963-1968
PROFESSOR M. D. MILNE, M.D, F.R.C.P Professor of Medicine, Westminster Hospital Medicine School, London	1967-1972
PROFESSOR A. NEUBERGER, M.D, PH.D, F.R.S Professor of Chemical Pathology, St Mary's Hospital, London	1962-1973
PROFESSOR SIR BERNARD KATZ, PH.D, D.SC, F.R.S Professor of Biophysics, University College London	1965-1978
DR F. SANGER, C.H, PH.D, D.SC, C.B.E, F.R.S MRC Laboratory of Molecular Biology Postgraduate Medical School, Cambridge University	1968-1978
PROFESSOR M. ABERCROMBIE, F.R.S. Director, Strangeways Research Laboratory, Cambridge.	1969-1979
PROFESSOR W.G SPECTOR, M.A, M.B, F.R.C.P, F.R.C.PATH Professor of Pathology, St Batholomew's Hospital, London Secretary 1964-1982	1964-1982
PROFESSOR R.R. PORTER, F.R.S Whitley Professor of Biochemistry, University of Oxford	1969-1984
PROFESSOR R MILEDI, M.D, F.R.S Department of Biophysics, University College London	1978-1984

- PROFESSOR J.B. GURDON, M.A, D.PHIL, F.R.S 1979-1984
 Plummer Professor of Cell Biology
 CRC Molecular Embryology Group, Dept. of Zoology, University of Cambridge
- PROFESSOR SIR W.S. PEART, M.D, F.R.C.P, F.R.S 1972-1987
 Professor of Medicine, St Mary's Hospital, London
- DR J.R. TATA, B.SC, D.SC, M.SC, F.R.S 1973-1987
 MRC National Institute for Medical Research, London
- DR JOHN D. SMITH, PH.D, F.R.S 1978-1987
 MRC Laboratory of Molecular Biology, Postgraduate Medical School,
 Cambridge
- PROFESSOR P.F. BAKER, SC.D, F.R.S 1984-1987
 Halliburton Professor of Physiology, King's College London
- PROFESSOR S. ZEKI, PH.D 1984-1989
 Professor of Neurobiology, Department of Anatomy and Embryology, University
 College London.
- PROFESSOR D.K. PETERS, R.R.C.P 1987-1990
 Regius Professor of Physic, University of Cambridge School of Clinical
 Medicine.
- PROFESSOR E.R. HUEHNS, PH.D, M.D, M.R.C.PATH, F.R.C.P 1982-1991
 Professor of Haematology, University College London Medical School.
- PROFESSOR T.J. BISCOE, B.SC, F.R.C.P 1987-1991
 Jodrell Professor of Physiology, University College London
- PROFESSOR P. COHEN, PH.D, F.R.S, F.R.S.E 1987-1992
 Royal Society Research Professor, Dundee University
- PROFESSOR L.A TURNBERG, M.D, F.R.C.P 1989-1992
 Professor of Medicine, University of Manchester
- PROFESSOR D.G. HARNDEN, PH.D, F.R.C.PATH, F.I.BIOL, F.R.S.E 1987-1993
 Patterson Institute for Cancer Research, Christie Hospital and Holt Radium
 Institute, Manchester
- PROFESSOR K.P.W.J. MCADAM, M.B, B.Chir, M.A, M.R.C.P 1990-1994
 Professor of Tropical Medicine, London School of Hygiene and Tropical
 Medicine.
- PROFESSOR A. TAYLOR, M.B, B.S, B.Sc 1991-1995
 Professor of Physiology, Sherrington School of Physiology, UMDS, St Thomas's
 Campus, London
- DR P.W.J. RIGBY, PH.D. 1991-1996
 Head, Genes and Cellular Controls Group, Laboratory of Eukarotic Molecular
 Genetics, MRC National Institute for Medical Research, London
- PROFESSOR S. TOMLINSON, M.D., F.R.C.P. 1992-1996
 Professor of Medicine, The Manchester Diabetes Centre, Manchester University
- PROFESSOR FRANCES M. ASHCROFT, M.A., PH.D. 1993-2001
 University Laboratory of Physiology, University of Oxford

All correspondence of candidates and Fellows to be addressed to:

The Administrative Secretary
Beit Memorial Fellowships for Medical Research,
c/o Weatherall Institute of Molecular Medicine
John Radcliffe Hospital
Headington
Oxford OX3 9DS

Accountant to Trust:
Mazars
Chartered Accountants
Brighton

BEIT MEMORIAL FELLOWSHIPS FOR MEDICAL RESEARCH

Information for Candidates

The Fellowships were founded and endowed in December 1909, by the late Sir Otto Beit, as a memorial to his brother, Mr Alfred Beit, to promote the advancement by research of medicine and the allied sciences and their relation to medicine.

1. Administration

The Fellowships are administered by a body of Trustees, with the assistance of an Advisory Board.

2. Persons Eligible for Fellowship

- (a) In conformity with the conditions under which the Fellowships were first established, every Fellow shall be a man or woman of any nationality whatsoever who at the date of election shall be at post doctoral level or medically qualified and have taken a degree in any faculty in any University approved by the Trustees in the United Kingdom or in any country which is or has been since 1910 a Dominion, Protectorate or Mandated Territory of the Crown.
- (b) In exceptional cases the Trustees may, on the recommendation of the Advisory Board, accept the possession by a Fellow at the date of election of a medical diploma registrable in the United Kingdom as a qualification for a Fellowship in lieu of a degree.
- (c) There are no age restrictions (though the Trustees have rarely elected Fellows above the age of 35 years) and no person is disqualified on account of his or her religious or medical opinions.

3. Value of Tenure of Fellowships

- (a) Up to five Beit Memorial Fellowships may be awarded annually. One or two of the Fellowships will be awarded to a candidate whose research proposals are judged to reach the appropriate standard and to bring benefit to the inhabitants of Zimbabwe, Malawi or Zambia, but separate application is not required.
- (b) The salary will be in the range of a Lecturer, according to age, previous experience and qualifications of the applicant, (plus London weighting, if applicable). If medically qualified candidates should apply the salary awarded would be on the Clinical Lecturer scale, if appropriate. There will be the usual University superannuation contributions and benefits. Research expenses of up to £7,500 p.a. may be granted annually. Total expenses for the year must be applied for, jointly with the Head of Department, and granted approval prior to the start of that year and subsequent years.

The usual tenure of a Fellowship is for three years.

- (c) The appointment of each Fellow is for one year, but the Fellowship is renewable for two further periods of one year, if in the judgement of the Trustees the work of the Fellow justifies the appointment. The emolument of each Fellow is payable monthly in arrears.

- (d) Fellows may claim separately up to £1000 over the three years of the Fellowship to help towards travel for attendance at scientific meetings.
- (e) The Trustees may at their discretion, for what they may consider grave cause, suspend for such time as they may think fit or remove any fellow from his Fellowship, and from that date his emoluments cease.

4. Application for a Fellowship

- (a) Candidates are required to fill in the form of application and to state:-
 - (i) The research which they propose to undertake.
 - (ii) The manner in which they intend to attack the problems presented by the research.
 - (iii) The laboratory or other place where they propose to work.
 - (iv) The names of two persons as confidential referees in respect of each candidate's abilities and in addition send the reference forms to these two referees.
- (b) The applications are considered by the Advisory Board, who report thereon to the Trustees. Testimonials are not required and will not be received. Members of the Advisory Board must not be named as referees. Canvassing is forbidden.
- (c) In determining the relative merits of the candidates the Advisory Board consider not only the personal record of each candidate but also the importance of his proposed research work.
- (d) An application **should be accompanied by a statement** from the Director of the Laboratory in which the proposed research is to be carried out. That the subject of it has been submitted to him/her; that it meets with approval; and that he/she is prepared to receive the candidate in the laboratory.
- (e) Candidates who at the date of applying for a Fellowship are holding a teaching or other post that they desire, if elected, to retain: or wish to engage in teaching or other duties during the tenure of their Fellowship, may be permitted to do so if in the opinion of the Trustees, acting upon the recommendation of the Advisory Board, the duties of such a post will not at the maximum involve more than six hours weekly and will not prevent their devoting adequate time to the proposed research.
- (f) **Preference will be given** to candidates who intend to move to a new place of work on being awarded a Fellowship.

5. Date of Election

The election of Fellows takes place in May and work is begun on 1st October of that year. Not less than two calendar months' notice will be given by advertisement in the Press of the holding of an election.

Application from Candidates must be received before 1st March in the year of the election.

Regulations for Fellows

6. Annual Reports of Fellows

On or before the end of March preceding the annual election, each Fellow is required to furnish a written report of his work during the preceding year giving an abstract of the experimental work upon which he has engaged and summary of the conclusions, if any, at which he has arrived. These are considered by the Advisory Board who report thereon to the Trustees.

7. Places of Research

- (a) Fellows must carry on research either initially or wholly in Great Britain or Ireland.
- (b) Fellows may carry on research only at the place at which they have been authorised to work.
- (c) The Trustees may at any time after receiving a report from the Advisory Board give permission to a Fellow to change his authorised place of research and to work during a specified period of the tenure of his Fellowship at some other college, hospital, medical school (including School of Tropical Medicine), laboratory or other place, either in this country or abroad.
- (d) Fellows desirous of changing the nature of their research or the place at which the work is carried on must, **before doing so**, obtain the sanction of the Advisory Board.

8. Conditions as to the use of Fellowship

- (a) It will normally be part of a Fellows' duties to undertake in addition to his research work a limited amount of University teaching or demonstrating as may be agreed after consultation with the Head of the Department in which the Fellow is working. Fellows are not allowed without the sanction of the Trustees to take or hold any appointment whether paid or unpaid. The emoluments of a Fellow permitted to hold a paid appointment may be modified [see para.4(e)].
- (b) Fellows are not allowed, without the permission of the Advisory Board to enter for or to undertake work for any examination for additional professional qualifications.
- (c) Any Fellow suffering from illness likely to incapacitate him for a prolonged period from carrying on this research is required to inform the Secretary as soon as possible, with a view to consideration of his case.

9. Publication of Results of Research

Any Fellow who may at any time publish in any form the results of his research shall place immediately below his name upon the title-page the words "BEIT MEMORIAL RESEARCH FELLOW" and he shall send one copy of each such publication to the Secretary.

10. Intellectual Property

- a. Any intellectual property arising from Beit Memorial Fellowships for Medical Research funded work should be commercially exploited when appropriate for the benefit of the Beit Memorial Fellowships and the host institution.

- b. The Beit Memorial Fellowships for Medical Research waives any claim to Beit Memorial Fellowship-funded research on the condition that grant holders and their administrative authorities agree to keep the trustees fully informed of the development of any patentable property and to include the Beit Memorial Fellowships for Medical Research as an equitable partner (reasonably related to the Fellowship's proportion of support) in any revenue-sharing agreements that may result from this.

11. Recognised Places of Research

- (a) MEDICAL SCHOOLS AND COLLEGES AND THE HOSPITAL CONNECTED WITH THEM IN ALL THE DEPARTMENTS OF THEIR WORK.

Such Hospitals, Medical Schools and Colleges as are Schools of the University of London.

- (b) SUCH OTHER HOSPITALS, MEDICAL SCHOOLS AND COLLEGES, SCHOOLS OF TROPICAL MEDICINE, LABORATORIES or other places as may be approved by the Trustees after receiving a report from the Advisory Board.
- =====

LIST OF FELLOWS FROM THE FIRST ELECTION IN 1910 WITH THEIR
AFTER CAREERS, AND THE NATURE OF THE AUTHORISED
FELLOWSHIP RESEARCH (in italics)

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(1) 1910 -1912	<p>SIR THOMAS LEWIS, C.B.E., F.R.S., M.D., London, F.R.C.P., D.S.C. Wales, Sheffield, LL.D. Wales and Birmingham. Late Physician in charge of Department of Clinical Research, University College Hospital; Member of the Medical Research Council. <i>Died 17th March 1945.</i> <i>Investigation of irregularities of the heart.</i></p>
(2) 1910 -1912	<p>GORDON CLUNES McKAY MATHISON, M.D. Melbourne, D.S.C. London Late Sharpey Scholar, University College, London <i>Died 20th May 1915, on War Service.</i> <i>Nervous control of respiration. Effect on respiration of changes in the chemical composition of the blood. Mechanism of biliary secretion and general effect on digestive processes.</i></p>
(3) 1910-1912	<p>FREDERICK PARLETT FISHER RANSOM, M.D. Edinburgh. Late Professor of Pharmacology, University of London. <i>Died 23rd February, 1937.</i> <i>Mode of action of caffeine, theobromine and allied substances on muscular and nervous systems.</i></p>
(4) 1910-1912	<p>SIDNEY RUSS, C.B.E., D.S.C. London Professor Emeritus (Physics), University of London. Former Demonstrator in Physics, Manchester University <i>Died 27th July, 1963.</i> <i>Association of radio-activity with cancer.</i></p>
(5) 1910-1912 4th year 1913	<p>IDA SMEDLEY (Mrs. Smedley-Maclean), D.S.C. London. Late member of Scientific Staff of Lister Institute. Former Ellen Richards Prize Fellow of American Association for Research by Women. <i>Died 2nd March, 1944.</i> <i>Processes involved in the formation of the fat in organism.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(6) 1910-1912	<p>FREDERICK WILLIAM EDRIDGE-GREEN, C.B.E., M.D. Durham, F.R.C.S. Past Examiner and Adviser to the Board of Trade on Colour Vision and Eyesight; Hunterian Professor and Arris & Gale Lecturer, Royal College of Surgeons. <i>Died 17th April, 1953.</i></p>
(7) 1910-1912	<p>GEORGE HAROLD DREW, B.A. Cambridge John Lucas Walker Research Student, University of Cambridge. <i>Died 30th January, 1913.</i> <i>Zoological distribution of cancer and systematic study of an experimental character on mode of origin of neoplasms.</i></p>
(8) 1910-1912 Senior Fellow in Tropical Medicine 1927-1933	<p>EDWARD HINDLE, M.A., SC.D. Cambridge, PH.D California, HON.F.J.BIOL., Honorary Fellow of Imperial College of Science and Technology, F.R.S., F.R.S.E. Professor of Biology, School of Medicine, Cairo, Egypt, Milner Lecturer, London School of Tropical Medicine and Hygiene, Regius Professor of Zoology, University of Glasgow, Scientific Director, Zoological Society of London. <i>Died 22nd January, 1973.</i> <i>Morphology and treatment of protozoic blood parasites, especially Spirochaeta duttoni and trypanosomiasis. Spirochaetosis with special reference to the causation of yellow fever.</i></p>
(9) 1910-1912	<p>SIR EDWARD MELLANBY, G.B.E., K.C.B., F.R.S., M.D. Cambridge, F.R.C.P. Late Secretary of the Medical Research Council; Professor of Pharmacology, University of Sheffield. <i>Died 30th January, 1955.</i> <i>Significance of the large excretion of creatin in cancer of liver and its diminished excretion in cirrhosis of the liver, etc.</i></p>
(10) 1910-1912	<p>OTTO MAY, M.D. Cambridge, F.R.C.P. Late Principal Medical Officer, Prudential Assurance Co., and President Assurance Medical Society. <i>Died 15th August, 1946.</i> <i>Clinical and experimental research on lesions of peripheral nerves.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(11) 1911- 1913	<p>THOMAS RENTON ELLIOTT, C.B.C., D.S.O., F.R.S., M.D. Cambridge, F.R.C.P. Former Professor of Medicine, University of London; Physician to University College Hospital; Member of the Medical Research Council, 1920-1943. <i>Died 4th March, 1961.</i> <i>Pathological changes in the superarenal glands.</i></p>
(12) 1911	<p>ERIC EDWIN ATKIN, B.A., M.B. Cambridge. Former Assistant Bacteriologist, Lister Institute; late Pathologist to the Brompton Hospital, London. <i>Died 9th January, 1963.</i> <i>Investigation of the group of toxins with respect to the manner of destruction, mode of neutralisation by antibody and effect of various modifications upon the animal organisms.</i></p>
(13) 1911-1913	<p>FRANCES MARY TOZER, B.SC. London. Former Lecturer in Histology and Cytology, Liverpool University; Research Assistant, Deficiency Diseases Investigation, Lister Institute. <i>Presence of sensory fibres in the 3rd, 4th and 6th cranial nerves; their influence upon ocular paralysis in locomotor ataxia and other diseases, and the site of the ganglion cells.</i></p>
(14) 1911	<p>RICHARD WILLIAM HAROLD ROW, B.SC. London Late Lecturer in Zoology, King's College, London. <i>Died 16th February, 1919.</i> <i>The structure development and functions of the pituitary body in vertebrata.</i></p>
(15) 1911-1912	<p>HENRY PRIESTLEY, M.D., CH.M., B.SC. Sydney. Emeritus Professor of Biochemistry, University of Sydney, Australia. Former Assistant, Australian Institute of Tropical Medicine, Townsville, Queensland. <i>Died February, 1962.</i> <i>Diphtheriod organisms with regard to their distribution, morphology, cultural characteristics, pathology and relationship to diseased conditions of man and animals.</i> <i>The influence of body temperature on the natural susceptibility to infection.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(16) 1911-1913	<p>FREDERIC PEREIRA WILSON, M.D., M.S., Liverpool. Late lecturer of Specific Diseases, University of Liverpool. <i>Died 13th January, 1926.</i> <i>Changes in the lipoids of the tissues produced by syphilis and their relation to haemolysis and immunity.</i></p>
(17) 1911-1913	<p>AUTHER GURNEY YATES, M.A. M.D., Edinburgh F.R.C.P. Honorary Physician, Sheffield Royal Infirmary; Later Neurologist to Sheffield United Hospitals; Physician, City General Hospital, Sheffield. <i>The bacteriology of acute rheumatism.</i></p>
(18) 1911-1913	<p>ANNIE HOMER, D.SC. Dublin, F.R.I.C. Lecturer in Biochemistry, University of Toronto; Assistant, Serum Department, Lister Institute. <i>Died January, 1953.</i> <i>Chemistry and physiology of tryptophane. Metabolism and chemistry of Haemoglobin in so far as they bear on its production in the animal body. Comparison of normal and pathological tissues as regards their contents of intracellular ferments,</i></p>
(19) 1911-1913	<p>FREDERICK JAMES FITZMAURICE BARRINGTON, M.S. London, F.R.C.S. Late Consulting Surgeon to University College Hospital and St. Peter's Hospital, London. Former William Julius Mickle Fellow, University of London. <i>Died 23rd March, 1956.</i> <i>Functions of the male accessory genital glands.</i></p>
(20) 1911-1913	<p>JOHN FOSTER GASKELL, M.D. Cambridge, F.R.C.P. Former Honorary Physician, Addenbrook's Hospital, Cambridge and Honorary Director, Bonnett Memorial Pathological Laboratory, Addenbrook's Hospital. <i>Died 11th September, 1960.</i> <i>The Chromaffine system of Annelids and the relation of this system to the contractile vascular system in the leech, Hirudo Medicinalis; being work on the comparative physiology of the contractive vascular system and its regulators, the adrenalin secreting system and the sympathetic nervous system.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(21) 1912	<p>PIETRO GIORGIO ENRICO BAYON, PH.D. Cambridge, M.D. Genoa, M.D. Cape Town. Late H. G. Plimmer Fellow in Pathology, University of Cambridge; Research Bacteriologist (Leprosy), Union of South Africa. <i>Died 20th October, 1952.</i> <i>The streptothrix stages of various acid-fast germs.</i> <i>Differentiation and classification of acid-fast group of germs, with special reference to leprosy and tuberculosis.</i> <i>Treatment and diagnosis of leprosy on specific lines.</i></p>
(22) 1912-1914	<p>EVELYN ASHLEY COOPER, D.SC. London.F.R.I.C. Former Lecturer in Public Health Chemistry, Birmingham University; Leverhulme Research Fellow. <i>The protective and curative properties of selected foodstuffs and other substances, and of their ingredients against beri-beri (polyneuritis); nature of their active constituents; value of the foregoing in treatment of forms of neuritis induced by conditions other than those predisposing to beri-beri.</i></p>
(23) 1912-1914	<p>ELIZABETH THOMPSON FRASER (Mrs. F. W. Robertson-Butler) M.D. Glasgow, D.P.H. Oxford. Former Assistant Bacteriologist, Glasgow Royal Infirmary. <i>The value of the complement fixation test in tuberculosis as a guide to diagnosis and treatment.</i> <i>The Meistagmin reaction in the diagnosis of cancer.</i></p>
(24) 1912-1914	<p>GEORGE GRAHAM, M.D. Cambridge, F.R.C.P. Consulting Physician, St Bartholomew's Hospital; Past Senior Censor, Royal College of Physicians. <i>Died 12th November, 1971.</i> <i>Metabolism in health and disease; especially in relation to retention of nitrogen in kidney disease.</i> <i>Carbohydrate metabolism.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(25) 1912	<p>JAMES ANDREW GUNN, C.B.E., M.A., M.D., D.SC. Edinburgh, D.M. Oxford, F.R.C.P.</p> <p>Late Emeritus Professor of Pharmacology, University of Oxford. Former Director of Nuffield Institute of Medical Research; Chairman of the British Pharmacopoeia Commission.</p> <p><i>Died 20th October, 1958.</i></p> <p><i>Research in pharmacology and experimental therapeutics:</i></p> <ol style="list-style-type: none"> 1. <i>Toxicity and trypanocidal action of arsen-lecethid;</i> 2. <i>The action of harmaline on the uterus with a view to determine its possible value as a substitute for, or adjuvant to ergot;</i> 3. <i>Natural immunity to certain glucosides;</i> 4. <i>Certain pharmacological and toxicological group-actions.</i>
(26) 1912-1914	<p>WILLOUGHBY HENWOOD HARVEY, M.D. Toronto, M.A.</p> <p>Late Bacteriologist to Borough and County of Cambridge; John Lucas Walker Student.</p> <p><i>Died 7th October, 1946.</i></p> <p><i>Precise nature and conditions under which certain pathological changes are produced in the kidneys by large doses of urea and effect of certain purine derivatives, particularly caffeine.</i></p>
(27) 1912-1913	<p>JUDAH LEON JONA, D.SC. Adelaide, M.D., Melbourne, M.S. Adelaide, F.R.A.C.S., M.R.C.O.G.</p> <p>Honorary Consulting Surgeon, Women's Hospital, Melbourne. Former Lecturer in Physiology, University of Melbourne.</p> <p><i>Toxoemias attendant on pregnancy and childbirth. Experimental study of fever.</i></p>
(28) 1912-1914	<p>ROLAND VICTOR NORRIS, M.SC. Manchester, D.SC. Lond F.R.I.C.</p> <p>Late Director, Tea Research Institute of Ceylon; Professor of Biochemistry, Mysore State.</p> <p><i>Died 28th April, 1950.</i></p> <p><i>The formation and metabolism of glycogen in the organism, and its bearing on diabetes and other pathological conditions.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(29) 1912-1913	<p>CHARLES HENRY O'DONOGHUE, D.S.C. London. Professor Emeritus. Former Professor of Zoology and Deputy Vice-Chancellor, University of Reading; Professor of Zoology, University of Manitoba and Stanford University. <i>Relations of the oestrus cycle to the functional activity of the mammary glands, and generally to investigate the development, morphology and physiology of the mammary apparatus in the mammalian series.</i></p>
(30) 1912-1914	<p>CHARLES CLAUD TWORT, M.D., CH.B. Aberdeen. Late Director of Cancer Research Laboratories, Manchester University; Rose Fellow for Research on Lymphadenoma, St Bartholomew's Hospital. <i>Died 16th August, 1950.</i> <i>Immunity reactions in John's disease of cattle (Pseudo-tuberculosis Enteritis) and their relation to the reactions in leprosy and to human bovine, and avian tuberculosis.</i></p>
(31) 1913-1915	<p>JAMES MCINTOSH, M.D. Aberdeen. Late Professor of Pathology, University of London; Director, Bland-Sutton Institute of Pathology, Middlesex Hospital. <i>Died 5th April, 1948.</i> <i>Certain problems concerning the immunity to syphilis.</i></p>
(32) 1913	<p>CASIMIR FUNK, PH.D. Berne. D.SC. London. President, Funk Foundation for Medical Research, New York. Former Chief Biochemical Department, State School of Hygiene Warsaw Poland. <i>The nature of so-called deficiency diseases (beri-beri, scurvy, etc.) with special reference to the chemical nature and physiological properties of the substances concerned in their etiology and prevention.</i></p>
(33) 1913-1914	<p>SYDNEY WENTWORTH PATTERSON, M.D. Melbourne, D.SC. London, F.R.C.P. Late Senior Physician, Ruthin Castle, N. Wales. Former Director, Walter and Eliza Hall Research Institute, Melbourne. <i>Died 4th May, 1960.</i> <i>1. The fate of loevulose in the normal and diabetic organism.</i> <i>2. The Toxoemias of intestinal origin, especially the influence of different forms of diet on the production of poisonous products, amine derivatives of amino-acids, etc.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(34) 1913	<p>HARRIE LESLIE HUGO SCHUTZE, M.B. Melbourne, M.D. Wurzburg. Late Bacteriologist, Lister Institute, London. <i>Died 9th August, 1946.</i> <i>The absorption theory of the union between bacillary antigen and the antibodies of blood serum.</i></p>
(35) 1913-1914	<p>ARCHIBALD BRUCE MACALLUM, M.D. Toronto, PH.D. Toronto, F.R.S.(C.). Former Research Professor and Professor and Chief of Dept. of Biochemistry, University Western Ontario Medical School. Past Dean of Faculty of Medicine. <i>Formation of urea-ammonia compounds and uric acid and their excretion. Studies on carbohydrate metabolism.</i></p>
(36) 1913-1915	<p>HELEN LUCIA MARY PIXELL (Mrs. Goodrich), D.SC. London. M.A. Oxon. Late lecturer in Protozoology to Honour Students of Zoology, University of Oxford; Director of Research in Bee Disease to Ministry of <i>Died 28th May, 1957.</i> <i>Life histories of parasitic protozoa.</i></p>
(37) 1913-1914	<p>ROBERT ALEXANDER CHISOLM, M.D. Oxon, M.R.C.P. Former Physician, Emergency War Service; Physician, Tunbridge Wells General Hospital. <i>The production of experimental nephritis by various methods, and problems arising therefrom.</i></p>
(38) 1913-1915	<p>DOUGLAS VERNON COW, M.D. Cambridge, D.P.H. Late Assistant to Downing Professor of Medicine and Examiner in Pharmacology, University of Cambridge. <i>Died 23rd June, 1921.</i> <i>1. The diuretic action of certain tissue extracts, especially of an extract obtained from the intestinal mucous membrane.</i> <i>2. Investigations of certain bacterial diseases, with the object of ascertaining any possible beneficent action thereon of organic compounds of non-toxic nature.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(39) 1913-1915 and 1913-1916	<p>ELSIE JEAN DALYELL, O.B.E., M.B. Sydney. Late pathologist, Board of Health, Sydney, N.S.W.; Medical Officer Typhus Hospital, Serbia and Ricketts Investigation, Vienna. <i>Died 1st November, 1949.</i> <i>Bacteriological research on the cause of summer diarrhoea in infants.</i></p>
(40) 1914	<p>JOHN GORDON THOMPSON, M.A., M.B. Edin, M.R.C.P Lond. Late Professor of Medical Protozoology, University of London; Director of Dept. of Protozoology, London School of Hygiene and Tropical Medicine <i>Died 13th August, 1937.</i> <i>1. Cultivation of protozoa. (The intention being to obtain knowledge of the toxins elaborated by these and the antibodies formed.)</i> <i>2. Cultivation of tumour tissues.</i></p>
(41) 1914-1915 and 1919-1921	<p>JOHN OGLETHORPE WAKELIN BARRATT, M.D., D.SC. London, F.R.C.P., F.R.C.S. Engaged in physiological research at the Lister Institute until retirement. Former Director, Cancer Research Laboratories, University of Liverpool. <i>Died 1st December, 1956.</i> <i>The nature and mode of action of substances contained in or derived from blood plasma or serum reactions. Also cytological studies.</i></p>
(42) 1914 and 1920	<p>MYER COPLANS, D.S.O., O.B.E., M.D. London, D.P.H. Cambridge. Former Technical Consultant, Laboratoire des Vaccins Pasteur (pour l'Etranger) and Institut Pasteur, Paris; Demonstrator of Bacteriology and Public Health, University of Leeds. <i>Died 9th March, 1961.</i> <i>Study of immunity, with special reference to the action of the silicates on bacterial and allied substances.</i></p>
(43) 1914 and 1916-1917	<p>EGERTON CHARLES GREY, M.A. Cambridge, D.SC. London, M.R.C.S., L.R.C.P., F.R.I.S. Late Professor of Chemistry, Egyptian University, Cairo. <i>Died 10th August, 1928.</i> <i>Bacteriological chemistry, with special reference to the relation between bacterial enzymes and chemical configuration.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(44) 1913-1914	<p>VICTOR HENRY KINGSLEY MOORHOUSE, M.C., F.R.S.(C.) B.A., M.D. Toronto.</p> <p>Professor Emeritus of Physiology, University of Manitoba, Winnipeg.</p> <p><i>The metabolism of animals as indexed by the respiratory quotient under various conditions, with special reference to the question of diabetes.</i></p>
(45) 1914	<p>JOHN RICHARDSON MARRICK, D.S.O., M.C., M.A., M.D.</p> <p>Emeritus Professor of Chemical Pathology, London University, Fellow of St. John's College, Cambridge.</p> <p><i>Died 1976.</i></p> <p><i>Chemical pathology of arthritic disease.</i></p> <ol style="list-style-type: none"> 1. <i>Estimation of uric acid in the blood of patients suffering from certain types of arthritic diseases.</i> 2. <i>Continuation of work on calcium metabolism and organic acid excretion.</i>
(46) 1914-1916	<p>GEORGE EDWARD NICHOLLS, D.SC. London.</p> <p>Late Professor of Zoology, University of Western Australia.</p> <p><i>Died September, 1953.</i></p> <ol style="list-style-type: none"> 1. <i>The structure and function of the subcommissural organ and Reissner's Fibre.</i> 2. <i>The study of the pineal region of the brain.</i>
(47) 1914-1916	<p>ANNIE PORTER (Mrs. H. B. Fantham), D.S.C. London.</p> <p>Honorary Parasitologist, Zoological Society of London; Former Research Associate, McGill University, Montreal; Head of Department of Parasitology, South African Institute for Medical Research.</p> <p><i>Researches on the parasitic Entozoa, more especially protozoa and helminths infecting vertebrates and certain invertebrates.</i></p>
(48) 1914 and 1919-1921	<p>JOHN GILLIS PRIESTLEY, D.M. Oxon.</p> <p>Late University Reader in Clinical Physiology, Oxford University.</p> <p><i>Died 9th February, 1941.</i></p> <p><i>The factors concerned in the regulation of the excretion of urine.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(49) 1914-1916	<p>JANE ISABEL ROBERTSON (Mrs. Suttie), M.A., M.B. Glasgow. In Physiotherapeutic practice till 1941. <i>Died 26th April, 1963.</i> <i>Comparative anatomy and physiology of the heart.</i></p>
(50) 1914 and 1920-1922	<p>MARJORY STEPHENSON, F.R.S., D.S. Late Member of Medical Research Council scientific staff; Lecturer on the biochemistry of micro-organisms, Cambridge University. <i>Died 12th November, 1948.</i> <i>Metabolism of fats and its relation to that of carbohydrates in the animal body, having especial regard to the light afforded by the study of the fat metabolism of diabetic animals.</i></p>
(51) 1915-1916	<p>EDWIN GREVES FEARN SIDES, M.D., M.D. Cambridge, F.R.C.P. Late Medical Registrar to the London Hospital; Assistant Physician to Maida Vale Hospital for Epilepsy and Paralysis. <i>Died 26th June, 1919.</i> <i>Syphilis of the nervous system; the intimate anatomical relationship of the meninges and perenchyma of the nervous system in man and animals, with a view to the elucidation of the different behaviour of these structures in disease; and the clinical manifestations of diseases of the nutritary body</i></p>
(52) 1915	<p>FRANCES MAY GORE MICKLETHWAIT, M.B.E., A.R.C.SC. London, F.R.I.C. Late Principal of Swanley Horticultural College. <i>Died 23rd March, 1950.</i> <i>Chemotherapeutic, especially with regard to organo-metallic compounds of the nature of "Salvarsan", with a study of the metallic derivatives of aminocarboxylic acids and poly-peptides.</i></p>
(53) 1915 and 1919-1921 4th year 1921-1922	<p>EDWARD PALMER POULTON, D.M. Oxon, F.R.C.P. Late Physician to Guy's Hospital; Oliver Sharpey Lecturer. <i>Died 18th October, 1939.</i> <i>Respiration and metabolism in Disease.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(54) 1920	<p>HARRY CECIL BROADHURST, M.B. Durham. Late assistant Medical Officer, Public Health Service, Middlesex County Council. General practice for 19 years. <i>Died 22nd March, 1959.</i> <i>The function of the kidney in maintaining the normal reaction of the blood by the secretion of acid and its relation to the similar function of the lungs affected by the removal of carbonic acid.</i></p>
(55) 1920-1922 4th year 1922-1923	<p>IVAN DE BURGH DALY, F.R.S., M.D. Cambridge, F.R.C.P. Formerly Wellcome Trust Research Fellow. Former Director of Institute of Animal Physiology, Agricultural Research Council; Professor of Physiology at Edinburgh University and Birmingham University. <i>Comparison of the results on the electrical changes and mechanical response in the heart of controlled changes in its mechanical conditions as effected in the heart-lung preparation.</i> <i>The influence of artificial cardiac lesions on heartsounds and electrical response.</i> <i>The application of Fleming values to electrical changes in living tissues.</i></p>
(56) 1920-1922 4th year 1922-1923 Senior	<p>DAVID KEILIN F.R.S., M.A. Cambridge, D.SC. Paris. Late Quick Professor of Biology and Director of Molteno Institute, Cambridge University; Lecturer in Parasitology, Cambridge University. <i>Died 27th February, 1963.</i> <i>The life-history of flies (parasitic, blood-sucking and others) and their parasites.</i> <i>Physiology of parasites.</i></p>
(57) 1923-1926 1920-1922	<p>ELIZABETH HERDMAN LEPPER, O.B.E., M.B., B.S. London. Former Pathologist, Elizabeth Garrett Anderson Hospital, London. <i>Investigation into infections of the urinary passages with B. coli with a view to determine:</i> <i>1. The source of the micro-organisms and their relation to those present in the intestine.</i> <i>2. As far as possible the effect of these infections on the secretory power of the kidneys.</i> <i>3. Results of vaccine treatment.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(58) 1920-1922	<p>HELEN MARION MACPHERSON MCKAY, M.D. London, F.R.C.P. Honorary Consultant Physician, Queen Elizabeth Hospital for Children, London. Former Paediatrician to the Mothers' Hospital and to Hackney Hospital, London, and Member of the Scientific Staff of the Medical Research Council.</p> <p><i>Clinical investigation of dietic deficiencies which are the cause of malnutrition and debility in children, with special reference to the application of recent experimental work on Vitamins.</i></p>
(59) 1920-1921	<p>THOMAS ARCHIBALD MALLOCH, M.D. McGill, F.R.C.P. London. Late Librarian Emeritus of the New York Academy of Medicine. Former FitzPatrick Lecturer, Royal College of Physicians.</p> <p><i>Died 19th September, 1953.</i></p> <p><i>A study of types of pneumonias in relation to their causative bacterial organisms as a help towards exact diagnosis and treatment.</i></p>
(60) 1920-1922	<p>GEOFFERY MARR VEVERS, L.R.C.P., F.R.C.S.</p> <p>Former Superintendent, Zoological Society of London; Member of Colonial Office Commission on Filariasis in British Guiana.</p> <p><i>Life cycles of helminth parasites, with special reference to their migrations and the reactions in the hosts consequent thereto.</i></p>
(61) 1921-1923	<p>THOMAS IZOD BENNETT, M.D. London, F.R.C.P.</p> <p>Late Physician, Middlesex Hospital; Goulstonian Lecturer, Royal College of Physicians.</p> <p><i>Died 10th July, 1946.</i></p> <p><i>The secretory phenomena of the human stomach in health and disease as demonstrated by the fractional method of gastric analysis.</i></p>
(62) 1921-1923 4th year 1924	<p>KATHERINE HOPE COWARD, D.SC. (honoris causa), Victoria University of Manchester, D.SC. London. Formerly in charge of Nutrition Dept., School of Pharmacy.</p> <p><i>The processes of metabolism, nutrition and growth of young animals, particularly with reference to the so-called deficiency diseases, such as rickets.</i></p>
(63) 1921-1924	<p>MARY LOGAN COWAN, (Mrs. H. B. Maitland), M.B. Toronto.</p> <p>Former Research Associate, Connaught Laboratories, and Demonstrator in Hygiene, University of Toronto; Fellow in Pathology, University of Toronto.</p> <p><i>Study of streptococci, including immunity to streptococcal infection.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(64) 1921-1923	<p>FRANCES WILLIAM FOX, D.SC., London. Former Head of Biochemical Department, South African Institute for Medical Research; South African Government nominee on National Nutrition Council, Soil Conservation Board, etc.</p> <p><i>1. The sterol metabolism in diseases involving malnutrition.</i> <i>2. The origin and destiny of bodies of the cholesterol type.</i> <i>3. Cholesterol oils.</i></p>
(65) 1921	<p>DANIEL THOMAS HARRIS, M.D. Manchester, D.SC. London. Emeritus Professor, University of London.</p> <p><i>"Tonus" (with special reference to the vascular system).</i></p>
(66) 1921	<p>WILDER GRAVES PENFIELD, O.M., C.M.G., F.R.S., F.R.C.S., M.D., D.SC., LL.D., D.C.L. Former Director of Montreal Neurological Institute; Professor of Neurology and Neurosurgery, McGill University.</p> <p><i>Study by microscopical methods of the nervous paths which undergo degeneration after the removal, in part, or in whole of the forebrain or midbrain of experimental animals, with special reference to the origin of those paths responsible for decerebrate rigidity.</i></p>
(67) 1921-1922	<p>HOWARD WILLIAM COPLAND VINES, M.D. Cambridge. Former Professor of Pathology, University of London; Pathologist to Charing Cross Hospital and Member, Charing Cross Hospital Group Board of Governors.</p> <p><i>On the blood in reference to;</i></p> <p><i>1. The role of calcium salts (a) in immunity and its phenomena; (b) by therapeutic injection in certain conditions.</i> <i>2. Changes in electrical resistance (if any) of blood or serum (i) during blood coagulation; (ii) in the process of immunisation; (iii) combination of toxin and anti toxin.</i> <i>Certain properties of anaphylactic blood and tissue extracts.</i></p>
(68) 1922-1924	<p>ROBERT KEITH CANNAN, D.SC. London. Chairman, Division of Medical Sciences, National Research Council, Washington, Former Professor of Chemistry, New York University College of Medicine.</p> <p><i>Some chemical aspects of metabolism and digestion.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(69) 1922-1924 4th year 1924-1925 Senior 1925-1928	<p>HERBERT DAVENPORT, KAY, C.B.E., F.R.C., D.SC. Manchester, PH.D. Cambridge.</p> <p>Professor Emeritus of Biochemistry, University of Reading. Former Biochemist, Medical Unit, The London Hospital: Professor of Biochemistry, University of Toronto; Director, National Institute for Research in Dairying and Research Professor of Biochemistry, University of Reading.</p> <p><i>Died 1976</i></p> <p><i>The degradation of carbohydrates and allied substances by micro-organisms.</i></p>
(70) 1922-1924	<p>HARRY GOLDBLATT, B.A., M.D., C.M.</p> <p>Director, Louis D. Beaumont Memorial Laboratories, Mt. Sinai Hospital, Cleveland.</p> <p><i>1. The quantitative relation to fat-soluble A. deficiency, to the development of rickets (experimental rickets).</i></p> <p><i>2. The effect of parathyroidectomy on immunity, with special reference to its effect on the natural resistance of the rat to tuberculosis infection.</i></p>
(71) 1922-1923	<p>LOUIS GROSS, M.D., C.M. McGill.</p> <p>Late Director of Laboratories, Mount Sinai Hospital, New York, and Associate Bacteriologist, Columbia University.</p> <p><i>Killed in aeroplane accident 17th October, 1937.</i></p> <p><i>Microscopic and macroscopic investigation and experimentation in the condition known as "Intestinal; Stasis".</i></p> <p><i>The blood supply to the heart.</i></p> <p><i>Research on the normal and pathological vascular anatomy of the kidney</i></p>
(72) 1922	<p>MARY KATHLEEN FORSAITH LANDER (Mrs. Kitchin), M.SC., M.B. London.</p> <p>Medical practice. Former Physician, Tavistock Clinic. London; Demonstrator in Anatomy, London School of Medicine for Women.</p> <p><i>Died 5th February, 1945.</i></p> <p><i>Examination of optic regions in primate brains.</i></p> <p><i>Clinical observations and physiological experiments with a view to ascertain the evolutionary process of development of stereoscopic vision, and conjugate movements of the eyes.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(73) 1922-1924	<p>ETHELL MARJORIE LUCIE (Mrs. Clausen), M.D., Trinity College, Dublin.</p> <p>Former Assistant Professor of Biology, University of Rochester, New York; Instructor in Pediatrics, Yale University Medical School and Johns Hopkins Hospital.</p> <p><i>Accessory food factors, with special reference to the relationships of ductless glands to calcium metabolism.</i></p>
(74) 1922-1925	<p>VICTOR DOUGLAS ALLISON, D.SC., M.D., D.P.H.</p> <p>Senior Consultant Pathologist, City Hospital, Belfast.</p> <p><i>1. The lytic action of the body tissues and fluids on bacteria.</i></p> <p><i>2. The relation between lysozyme and the bacteriophage of Twort and d'Herelle.</i></p>
(75) 1922-1925	<p>FRANK COOK, B.SC., M.B. London, F.R.C.S., F.R.C.O.G.</p> <p>Consulting Obstetric Surgeon Emeritus, Guy's Hospital; Consulting Surgeon, Chelsea Hospital for Women, Dean of the Institute of Obstetrics and Gynaecology, University of London.</p> <p><i>Died 25th April, 1972.</i></p> <p><i>1. The neuromuscular apparatus of the uterus.</i></p> <p><i>2. Observation on pregnancy toxoemia with particular reference to the acidosis factor.</i></p>
(76) 1922-1925	<p>REGINALD HILTON, M.A., M.D. Cambridge, F.R.C.P.</p> <p>Former Consulting Physician, St. Thomas's Hospital, London.</p> <p><i>1. The blood gases in various stages of pulmonary collapse produced by artificial pneumothorax.</i></p> <p><i>2. The conditions of the circulation in the collapsed lung.</i></p>
(77) 1922-1925	<p>ARTHUR ST. GEORGE HUGGETT, F.R.S., D.SC., M.B., B.S. PH.D. London, F.R.C.O.G.</p> <p>Consultant Physiologist, Animal Diseases Research Institute, Edinburgh; Former Professor of Physiology, St. Mary's Hospital Medical School, University of London.</p> <p><i>Died 21st July, 1968.</i></p> <p><i>The function of the placenta in relation to the passage of gases and other substances from the mother of the foetus and the cause of foetal apnoea.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(78) 1922-1925 4th year 1925-1926	JOHN LEWIS ROSEDALE, M.A., Oxon, PH.D. Bonn, D.SC. Aberdeen, F.R.I.C. Former Biochemist, Division of Entomology, Dept. of Agriculture, Pretoria S Africa; Professor of Chemistry, College of Medicine, <i>The chemistry of normal and pathological tissues with special reference to the protein and nuclein constituents.</i>
(79) 1922-1925 4th year 1925-1926 Senior 1926	ERNEST BASIL VERNEY, F.R.S., M.B. Cambridge, F.R.C.P. Hon. D.SC. Melbourne. Late Shield and Emeritus Professor of Pharmacology, University of Cambridge. Former Professor of Pharmacology, University of London. <i>Died 19th August, 1967.</i> <i>The physiology and pathology of urinary secretion. The physiology of the neurohypophysis.</i>
(80) 1923-1926 4th year 1926-1927	JOHN MAURICE HARDMAN CAMPBELL, O.B.E., M.D. Oxon, Consulting Physician, Cardiac Department, Guy's Hospital and National Heart Hospital; Editor, British Heart Journal. <i>Died 7th August, 1973.</i> <i>1. Oxygen consumption and pulmonary ventilation during and after work in chronic heart and lung disease.</i> <i>2. Changes in the circulation in the skin in dermatographia urticaria, angioneurotic oedema and certain chronic nervous diseases.</i>
(81) 1923-1926 4th year 1926	HAROLD JOHN CHANNON, C.M.G., B.A., M.SC., D.SC. London, Former Research Manager, Unilever Ltd. Former Professor of Biochemistry, University of Liverpool. <i>The study of certain fundamental dietary factors in the nutrition of living organisms.</i>
(82) 1923-1926 4th year 1926-1927 Senior 1927-1928	SIR WILLIAM KERSHAW SLATER, K.B.E., F.R.S., D.SC, Manchester, D.SC. Belfast, F.R.I.C. Secretary, Agricultural Research Council. Former Director of Dartington Hall Trust for Agricultural Research; Senior Scientific Adviser, National Agricultural Advisory Service. <i>1. A correction of the value of the heat combustion of glycogen.</i> <i>2. A determination of the molecular weight of glycogen.</i> <i>3. An investigation of cell mechanism under anaerobic conditions.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(83) 1923-1926	<p>BRIGADIER SR CEDRIC STANTON HICKS, KT.C.ST.J., M.B., CH.B., M.SC. (N.Z.), M.D. Adelaide, PH.D. Cambridge, F.R.I.C. Fellow Australian National Research Council; Scientific Adviser to Q.M.G. Australian Military Forces; Marks Emeritus Professor of Human Physiology and Pharmacology, University of Adelaide.</p> <p><i>1. The causation of goitre from a biochemical standpoint.</i> <i>2. The chemistry of substitutes in the thyroxin molecule.</i> <i>3. The physiological action of thyroxin.</i></p>
(84) 1923-1926	<p>CHARLES GEORGE LAMBIE, M.C., F.R.S.E., M.D., F.R.C.P. Edinburgh, F.R.A.C.P. Emeritus Professor of Medicine, University of Sydney. Former Assistant Physician, Royal Infirmary, Edinburgh.</p> <p><i>Died 28th August, 1961.</i> <i>The influence of insulin upon the intermediary metabolism of fat protein and carbohydrate.</i></p>
(85) 1923-1926	<p>DOROTHY STUART RUSSELL, M.D. London, SC.D. Cambridge, LL.D., Hon. D.SC. McGill, F.R.C.P. Emeritus Professor of Morbid Anatomy, University of London and Director of Bernhard Baron Institute of Pathology, London Hospital.</p> <p><i>The relation of renewal efficiency tests to the morbid anatomy and histology of kidneys.</i></p>
(86) 1923-1926	<p>WILLIAM SMITH, M.A., M.D., B.CH. Cambridge. Former Consultant Pathologist, Woolwich Group of Hospitals.</p> <p><i>Died 11th March, 1963.</i> <i>General metabolism in health and disease and especially of carbohydrates in diabetes.</i></p>
(87) 1923-1926	<p>DOROTHY BEATTY STEABBEN, B.CH., PH.D. London. Former Assistant Bacteriologist, and Jenner Memorial Research Student of the Lister Institute, London.</p> <p><i>The mechanism of response to the infection of colloidal substances.</i></p>
(88) 1923-1926	<p>CORBET PAGE STEWARD, D.SC. Durham, PH.D. Edinburgh. Former Reader in Clinical Chemistry, University of Edinburgh and Former Consultant in Clinical Chemistry, South Eastern Regional Hospital Board, Scotland.</p> <p><i>1. The methods of isolation and the chemical constitution of thyroxin.</i> <i>2. Perfusion of the liver with substances related to histidine.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(89) 1923-1926	LEWIS BLAND WINTER, M.A., M.D Cambridge. Physiologist to the Australian Association of Occupational Therapists. <i>1. On general metabolism in health and disease with special reference to the metabolism of carbohydrates.</i> <i>2. Research into the causes of diabetes.</i>
(90) 1924-1927 4th year 1927-1928	MARGARET AVERIL BOAS (Mrs. Fixsen), D.SC., PH.D. London. Former Medical Research Council worker in nutrition at the Lister Institute, London. <i>1. The action of antirachitic vitamin in diet in promoting retention of calcium and phosphorus.</i> <i>2. The effect of dehydration upon the nutritive properties of egg-white.</i>
(91) 1924-1925	THE RIGHT HONOURABLE LORD COHEN OF BIRKENHEAD M.D. Liverpool, F.R.C.P., LL.D., D.SC., F.A.C.P., F.R.C.P.I., F.R.C.P.(G), F.R.I.C., F.P.S., F.S.A. Professor of Medicine, University of Liverpool; Senior Physician Royal Infirmary, Liverpool; President, General Medical Council. <i>The chemical composition of cerebro spinal fluid.</i>
(92) 1924-1927 4th year 1927-1928 Senior 1928-1931	HONOR BRIDGET FELL, D.B.E., F.R.S., LL.D., M.A., PH.D., D.SC. Edinburgh. Former Director of Strangeways Research Laboratory, Cambridge and Research Professor of the Royal Society. <i>An experimental study of the nature of the tumour growth.</i>
(93) 1924-1926	HENRY FRANCIS HOLDEN, M.A. Cambridge, M.SC., Melbourne. Former Research Biochemist, Walter and Eliza Hall Institute, Melbourne and Lecturer in Biochemistry, Birmingham University. <i>The optically active substances other than glucose in normal and diabetic protein-free blood filtrates.</i>
(94) 1924-1927 4th year 1927-1928 Senior 1928-1930	ALAN STERLING PARKES, C.B.E., F.R.S., M.A., SC.D. Cambridge. PH.D. Manchester, D.SC. London. Mary Marshall Professor of the Physiology of Reproduction, Cambridge. Formerly, Head of Division of Experimental Biology, National Institute for Medical Research. Former Foulerton Student of the Royal Society. <i>The factor governing the proportions of the sexes in mammals.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(95) 1925-1927	<p>GEORGE HARDY EAGLES, M.D. Toronto, D.P.H. Pathologist, Director of Laboratories, General and Marine Hospital, Owen Sound, Ontario, Canada. Former Member of Bacteriological Staff. Lister Institute.</p> <p><i>The specific agglutinogenic properties of Streptococcus scarlatinoe and the further specific grouping of hoemolytic streptococci.</i></p>
(96) 1925-1928	<p>DOROTHY MARY MOYLE NEEDHAM, F.R.S., M.A., PH.D., SC.D., Cambridge.</p> <p>Research work under grants from the Agricultural Research Council, Medical Research Council and Royal Society. Former Member of British Scientific Mission to China.</p> <ol style="list-style-type: none"> 1. <i>The oxidation reduction potential of various organisms and tissues.</i> 2. <i>The pancreatic factor inhibitory to lactic acid formation in muscle.</i>
(97) 1925-1928	<p>ERNEST NOBLE CHAMBERLAIN, M.D., M.SC., F.R.C.P.</p> <p>Honorary Consultant Physician, Royal Southern Hospital and Regional Cardiac Centre, Liverpool.</p> <ol style="list-style-type: none"> 1. <i>Effects of the anterior lobe of the pituitary gland on the liver and other organs of the body.</i> 2. <i>The relation of pituitary and other ductless glands to cholesterol metabolism.</i> 3. <i>Studies in the inter-relation of the various ductless glands.</i>
(98) 1925-1926 and 1927-1929	<p>ERIC NEWMARCH ALLOTT, M.A., B.SC., D.M., B.CH. Oxon. F.R.C.P., F.R.I.C.</p> <p>Consultant Adviser in Chemical Pathology, Ministry of Health; Formerly Director, Lewisham Group Laboratory, London.</p> <p><i>The growth of bacteria on artificial media.</i></p>
(99) 1925	<p>FRANCIS CHARLES KELLY, B.SC., PH.D., Aberdeen, F.R.I.C.</p> <p>Principal, Chilean Iodine Educational Bureau, London. Former Deputy Director, Commonwealth Bureau of Animal Nutrition, Rowett Research Institute, Aberdeen.</p> <p><i>Iodine metabolism, especially the iodine requirements of animals and the influence on nutrition of diets deficient in iodine.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(100) 1925-1928	DEREK ERNEST DENNY-BROWN, O.B.E., M.D., CH.B. New Zealand, D.PHIL. Oxford, F.R.C.P., LL.D. (HON.) Wayne University. Putnam Professor of Neurology, Harvard University; Director of Neurological Research Unit, Boston City Hospital, Mass., U.S.A. <i>Spastic paralyses, decerebrate rigidity and allied conditions, particularly in relation to the influence of the sympathetic nervous system.</i>
(101) 1925-1926 and 1931-1932	BENJAMIN STANLEY PLATT, C.M.G., M.B., CH.B., M.SC., Leeds, PH.D. Director of Human Nutrition Unit, Medical Research Council; Professor of Human Nutrition, University of London and Head of Dept. of Nutrition, London School of Hygiene and Tropical Medicine. <i>The relationship between the formation of peroxides by bacteria and certain of the phenomena of immunity.</i> <i>Biochemical and radiological study of the alimentary canal.</i>
(102) 1926-1928 4th year 1929-1930 Senior 1930-1933	RICHARD JAMES LYTHGOE, M.A., M.D., Cambridge, D.SC. London. Late University Reader in Physiology of Sense Organs, University College, London. <i>Died 28th February, 1940.</i> <i>Problems connected with vision, especially the underlying mechanisms of dark adaptation.</i>
(103) 1926-1927	SIR FRANK MACFARLANE BURNET, O.M., F.R.S., PH.D. London, SC.D. Cambridge, M.D. Melbourne, F.R.C.P., F.R.C.P.E., Nobel Laureate, 1960. Former Director, Walter and Eliza Hall Institute of Medical Research, Melbourne. Professor of Experimental Medicine, University of <i>Bacteriophage in relation to the treatment of enteric bacillary infections.</i>
(104) 1926	JOHN GLOVER HUGO FREW, M.SC., M.B., CH.B. Birmingham, PH.D. Cambridge, D.C.H. Formerly Consultant Paediatrician, Group 22, Birmingham Regional Hospital Board. Private Practitioner. <i>The physiology of the blow fly, particularly during metamorphosis.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(105) 1926-1929 4th year 1929-1930	MAURICE WALTER GOLDBLATT, C.B.E., B.SC., M.D. Belfast, PH.D., M.R.C.P. London, D.I.H. Pollards Wood Research Station (Institute of Cancer Research: Royal Cancer Hospital), Chalfont St. Giles. <i>Died 11th May, 1967.</i> <i>The role of Insulin in fat metabolism.</i>
(106) 1926-1929	JAMES TUTIN IRVING, M.A. Cambridge, M.A. Oxford, PH.D. M.D. Cambridge. Director, University of the Witwatersrand C.S.I.R. Dental Research Unit, Johannesburg; Professor of Experimental Odontology, at the University. Former Professor of Physiology, University of Capetown. <i>Certain aspects of the metabolism of carbohydrates in the animal body.</i>
(107) 1926-1929	JOHN GOWER STEPHENS, M.D., CH.M., B.SC. Sydney. Research Fellow in Obstetrics, King George V Hospital, Sydney; Wilson Fellow, St. Andrew's College, University of Sydney. Former Vice- Principal, St. Andrew's College, Sydney University; Hon. Radiotherapist, Royal Prince Alfred Hospital, Sydney. <i>Further investigations of the functions of the spleen by the method of "window" observation.</i>
(108) 1926-1929	BARNET WOOLF, M.A., PH.D. Cambridge. Former Mosley Student of the Royal Society, and Senior 1851 Exhibition Student. <i>A comparison of some chemical reactions induced by resting bacteria with those induced by animal tissues.</i>
(109) Junior in Tropical Medicine 1927-1929	HENRY POLLARD HACKER, M.D., D.SC. London, D.T.M. & H. Former Malaria Research Officer, Kuala Lumpur, Federated Malay States <i>Died 4th January, 1954.</i> <i>Problems in the prevention of malaria.</i>
(110) 1927-1930 4th year 1930-1931	FRANK ROBERT WINTON, M.A., M.D. Cambridge, D.SC. London. Emeritus Professor of Pharmacology, University College, London. <i>1. The physiology and pharmacology of urinary secretion.</i> <i>2. The completion of some investigations on the physiology of mammalian plain muscle.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(111) 1927-1929	<p>WALTER REGINALD WOOLRIDGE, C.B.E., PH.D., M.SC., D.V.SC. (H.C.) Liverpool, F.R.C.V.S., F.R.I.C. Lecturer in Biochemistry, London School of Hygiene and Tropical Medicine, Chairman of Council and Scientific Director, The Animal Health Trust. <i>Bacterial chemistry and its application to immunological problems.</i></p>
(112) 1927-1929	<p>WALTER THOMAS JAMES MORGAN, C.B.E., F.R.S., D.SC, PH.D. London, D.SC. Zurich, F.R.I.C. Deputy Director and Head of Biochemical Dept., Lister Institute, London Professor of Biochemistry, University of London. <i>The investigation of the structure of the hexose phosphoric acids by the method of methylation and subsequent oxidation.</i></p>
(113) 1927-1930	<p>PHILLIP EGGLETON, F.R.S.E., D.SC. London. Reader in Physiology, Edinburgh University. Former Lecturer in Biochemistry; William Julius Mickle Fellow, University of London. Died 7th October, 1954. <i>The carbohydrate metabolism of contractile tissues; and a comparative study of different types of contractile tissue.</i></p>
(114) 1927-1930	<p>GUY FREDERIC MARRIAN, D.SC., F.R.I.C. F.INST.BIOL., F.R.S. Former Director of Research, Imperial Cancer Research Fund, Lincoln's Inn Fields. Former Professor of Chemistry in relation to Medicine, University of Edinburgh. <i>Further investigation of the physiological role of vitamin B; the chemistry of the adrenal cortex; the survival of animals after Chemistry and metabolism of steroid hormones.</i></p>
(115) 1927-1930	<p>ARCHIBALD RODERICK FEE, B.A. British Columbia, PH.D. London. Late Junior 1851 Exhibition Scholar (Overseas). Died 23rd February, 1930. <i>1. The oxygen usage of the kidney as studied by the isolated heart-lung-kidney preparation.</i> <i>2. The factors controlling the elimination of acids and alkalis by the kidney.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(116) 1928-1929	<p>JUDA HIRSCH QUASTEL, PH.D. Cambridge, D.SC. London A.R.S.C. London, F.R.I.C., F.R.S.C., F.R.S. Meldola Medallist. Professor of Biochemistry, McGill University ; Director, McGill- Montreal General Hospital Research Institute.</p> <p><i>1. The chemistry of bacteria, with special reference to the correlation of variations in antigenic properties of bacteria with changes in environment.</i></p> <p><i>2. The chemistry of complement-fixation.</i></p>
(117) 1928-1929	<p>PERCIVAL WALTER CLUTTERBUCK, O.B.E., PH.D., D.SC., Leeds, F.R.I.C.</p> <p>Late Research Biochemist to Nobel's Explosive Company. <i>Died 1st January, 1938.</i></p> <p><i>Investigation of the enzymic systems concerned with carbohydrate metabolism, in continuation of work on the succinoxidase system of muscle.</i></p>
(118) 1928-1931 4th year 1931-1932	<p>SIR BRYAN (HAROLD CABOT) MATTHEWS, C.B.E., F.R.C.S., Professor of Physiology, University of Cambridge. Former Director, R.A.F. Institute of Aviation Medicine.</p> <p><i>1. Conduction in sensory nerve fibres, with special reference to specific "pain" fibres.</i></p> <p><i>2. The characteristics of sensory end organs by observations on action potential recorded by means of the "moving iron" oscillograph system invented by himself.</i></p>
(119) 1928-1929	<p>DOUGLAS ROY McCULLAGH, B..A., M.SC. Manitoba, PH.D. Cambridge.</p> <p>Late Director of Chemical Research, Sterling Winthrop Laboratories, Albany, N.Y. Former Director of Biochemical Research, Cleveland Clinic Foundation, Ohio.</p> <p><i>Died 17th September, 1949.</i></p> <p><i>1. The significance of the pancreatic factor discovered by Winfield and Hopkins in carbohydrate metabolism and its effects on the alcoholic and lactic fermentations of glucose by the unicellular organisms.</i></p> <p><i>2. The variations in fat content of muscle under various conditions.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(120) 1928-1931	<p>WALLACE RUDDALL AYKROYD, C.B.E., M.D., SC.D. Dublin. Senior Lecturer, Department of Human Nutrition, London School of Hygiene and Tropical Medicine. Director, Nutrition Division, Food and Agriculture Organisation of the United Nations. Hon. Fellow, American Public Health Association.</p> <p><i>Deficiency diseases and their relation to diet, particularly by field work on the population of Newfoundland.</i></p>
(121) 1929-1931 1933-1934 4th year 1934-1935 Senior 1935-1938	<p>ROBERT HILL, F.R.S., M.A., SC.D. Member of Scientific staff of the Agricultural Research Council.</p> <p>1. <i>Specificity of haemoglobin. The effect on the disassociation curve of haemoglobin produced by separating native globin from it and re-combining it with different haematin.</i></p> <p>2. <i>Cytochrome, isolation of the pigments for a study of their function in the respiration of the cell, and of their chemical nature.</i></p>
(122) 1929-1932	<p>ANN BISHOP, SC.D. Cambridge, D.SC. Manchester, F.R.S. Director, Medical Research Council Group Chemotherapy Research Unit, Molteno Institute, Cambridge Fellow of Girton College, Cambridge.</p> <p>1. <i>Morphology and development of Trichomonas of man and monkey in culture.</i></p> <p>2. <i>Life history of other intestinal protozoa.</i></p>
(123) 1929-1932 4th year 1932-1933 Senior 1933-1936	<p>CUTHBERT LESLIE COPE, D.M. Oxford, F.R.C.P. London. Physician, Postgraduate Medical School, London. Reader in Disorders of Metabolism, University of London.</p> <p><i>The responses of normal and pathological kidneys in man to sulphates and other non-threshold substances, with special reference to their value as tests of impaired renal function.</i></p>
(124) 1929-1932	<p>LEONARD ERNEST BAYLISS, F.R.S.E., B.A., PH.D. Cambridge. Honorary Research Associate, University College, London. Former Reader in Physiology, University of London; Senior Experimental Officer, Army Operational Research Group, Ministry of Supply.</p> <p><i>Metabolism of the isolated heart and kidney by means of the heart lung-kidney preparation and an oxygenator.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(125) 1929-1932	<p>WALTER PHILLIPS KENNEDY, F.R.S.E., F.R.C.P., Glasgow, L.R.C.P.E., L.R.C.S.E., B.SC., PH.D., Edinburgh, F.R.I.C.S., C.ST.J. Former Principal Medical Officer, Distillers' Company Ltd. Senior Medical Officer, Ministry of Health; Professor of Physiology, Baghdad: Lecturer in Physiology, Edinburgh University.</p> <p><i>The function of the ovary, specially with regard to oestrin and the hormone of corpus luteum.</i></p>
(126) 1929-1931	<p>ERIC BOYLAND, D.SC. Manchester, PH.D. London. Professor of Biochemistry, University of London, at the Chester Beatty. Research Institute of the Royal Cancer Hospital, London.</p> <p><i>The mechanism of carbohydrate metabolism, with particular reference to the phosphoric esters of yeast and muscle.</i></p>
(127) 1929-1932	<p>EDWIN MARTIN CASE, M.A., PH.D. Cambridge. Principal Biochemist, Home Office Prisons Department. Former Biochemist, Kenya Medical Service.</p> <p><i>The metabolism and thermodynamics of muscle.</i></p>
(128) 1929-1932 4th year 1932-1933	<p>KENNETH ALLAN CALDWELL ELLIOTT, M.SC. Rhodes University PH.D., SC.D. Cambridge, F.R.S.C. Professor of Biochemistry; Chairman, Department of Biochemistry, McGill University; Chairman, Neurochemistry Laboratories, Montreal Neurological Institute.</p> <p><i>The oxidation of metabolites in animal tissues by various thermolabile and thermostable peroxidases.</i></p>
(129) 1929-1932 4th year 1932-1933	<p>MARGARET HONORA ROSCOE, B.SC., PH.D., London, M.B., B.C.H. Manchester. Former Research Assistant, Department of Medicine, University of Manchester.</p> <p><i>1. The distribution of antipellagra vitamin and of antineuritic vitamin in natural foodstuffs.</i></p> <p><i>2. Investigation of the possible synthesis of these vitamins in the intestine</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(130) 1930-1933 4th year 1933-1934	<p>SIR FREDERICK HORACE SMIRKE, K.B.E., M.D. (Gold Medal) Manchester Professor of Medicine, University of Otago, New Zealand, F.R.C.P. Chairman Clinical Research Committee, Medical Research Council of New Zealand.</p> <p><i>1. The functional pathology and physiology of diuresis from a biochemical standpoint.</i> <i>2. The functional pathology of plethoras, anoemias and oedemas.</i> <i>3. Treatment of hypertension.</i></p>
(131) 1930-1933	<p>SIR ROY CAMERON, F.R.S., M.B., B.S., D.SC. Melbourne, F.R.C.P. LL.D. Former Director, Graham Research Laboratories, University College Hospital Medical School. Emeritus Professor of Morbid Anatomy, University of London. <i>Died 7th October, 1966.</i></p> <p><i>1. The histological identification of calcium salts in pathological</i> <i>2. Inflammation in invertebrates.</i></p>
(132) 1930-1933 4th year 1933-1934	<p>JOHN MCMICHAEL, F.R.S., M.D. Edinburgh, F.R.C.P. Professor of Medicine, Postgraduate Medical School, University of London. Former Johnston and Lawrence Fellow of the Royal Society. <i>The inter-relationships of liver and splenic diseases.</i></p>
(133) 1930-1932 1936-1937 4th year 1937-1938	<p>ROBERT PERCIVAL COOK, D.SC. Melbourne, M.B., PH.D. Camb. Senior Lecturer in Biochemistry, Queen's College, Dundee University of St. Andrews.</p> <p><i>1. Metabolism of various types of bacteria by chemical changes produced during actual growth in chemically defined media.</i> <i>2. The individual enzyme systems of the bacterial cell.</i></p>
(134) 1930-1933	<p>NORMAN URQUHART MELDRUM, B.SC. Edinburgh, PH.D. Cambridge. Late Carnegie Research Student. <i>Died 7th June, 1933.</i></p> <p><i>1. The reversible denaturation of hoemoglobin.</i> <i>2. Formation of sulphhydryl groups in various types of protein denaturation.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(135) 1930-1933	<p>DAVID REGINALD PIPER MURRAY, M.A., PH.D. Cambridge. Lecturer in General and Comparative Physiology, Dept. of Zoology and Applied Entomology, Imperial College of Science and Technology, London.</p> <p><i>A comparison by kinetic studies of the two types of proteolytic enzymes characteristic of the tissues and organs and of the digestive tract.</i></p>
(136) 1930-1933 4th year 1933-1934	<p>GEORGE NORMAN MYERS, M.D., M.SC. Durham, A.R.I.C. PH.D Cambridge, F.R.C.P.</p> <p>Former Director of Medical Research (Rheumatism), University of Leeds; Consulting Physician, Royal Bath Hospital, Harrogate.</p> <p><i>The curative action of digitalis, its glucosides and allies, in general toxoemias and in conditions of shock.</i></p>
(137) 1930-1933 4th year 1933-1934	<p>CHARLES AMOS ASHFORD, M.A., PH.D. Cambridge.</p> <p>Senior Lecturer in Biochemistry, University of Bristol. Formerly Senior Lecturer in Chemical Physiology and Lecturer in Physiology, University of Bristol.</p> <p><i>1. Metabolism of nervous tissue.</i> <i>2. Action of vitamin D with special reference to hyper-vitaminosis.</i></p>
(138) 1931-1932	<p>WILLIAM ALBERT HUGH RUSHTON, F.R.S., M.A., SC.D. Cambridge, M.R.C.S., L.R.C.P.</p> <p>Praelector, Trinity College, Cambridge; University Reader in Physiology, Cambridge. Former Research Fellow, Emmanuel College, Cambridge.</p> <p><i>The chronaxie of nerve and muscle.</i></p>
(139) 1931-1934 4th year 1934	<p>LEONARD HUBERT STICKLAND, M.A., PH.D. Cambridge.</p> <p>Senior Lecturer in Experimental Biochemistry, Dept. of Experimental Pathology and Cancer Research, Medical School, University of Leeds. Former Biochemist, Cancer Research Laboratories, Leeds.</p> <p><i>The metabolism of the anaerobic bacteria associated with gas gangrene.</i></p>
(140) 1931-1934	<p>MURIEL ELAINE ROBINSON (Mrs. Adair), PH.D. Cambridge.</p> <p>Former John Lucas Walker Student in Department of Pathology, University of Cambridge.</p> <p><i>1. The properties of haemoglobin.</i> <i>2. The preparation of proteins in a pure state.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(141) 1931-1933	FRANK BURNET BYROM, M.D. London, F.R.C.P., F.R.A.C.P. Member of External Staff, the Medical Research Council. <i>Total water exchange of the body in health and in disease.</i>
(142) 1931-1935	DAME JANET MARIA VAUGHAN (Mrs. D. Gourlay), D.M., F.R.C.P., C.B.E., HON.D.SC. University of Wales. Principal of Somerville College, Oxford; Hon. Director Medical Research Council Group for Research on Bone Seeker Isotopes; Trustee, Nuffield Foundation; Former Chairman, Oxford Regional Hospital Board; Director N.W. London Blood Supply Depot. <i>Relationship of disordered haematopoiesis to bone changes found in human diseases or produced in animals.</i>
(143) 1932-1935	SIR HAROLD PERCIVAL HIMSWORTH, K.C.B., F.R.C., M.D. London, F.R.C.P. Secretary, Medical Research Council, Former Professor of Medicine, University of London and Director of Medical Unit, University College Hospital. <i>Activation of insulin by a possible kinase; effect of diets of varying composition on diabetic patients.</i>
(144) 1932-1935	NORMAN RISBOROUGH LAWRIE, M.B., CH.B. Liverpool, PH.D. Cambridge. Late University Biochemist to Addenbrooke's Hospital, Cambridge. <i>Died 1959.</i> <i>1. Biochemical investigation of the nutritional requirements of protozoa.</i> <i>2. Study of patients with abnormal metabolism of sulphur-containing compounds.</i>
(145) 1932-1933	DONALD HUGH WILLIAMS, B.SC., M.D. Manitoba, M.SC. Minn. Professor and Head, Department of Continuing Medical Education, The University of Columbia, Vancouver, Canada. <i>Carbohydrate metabolism, particularly the storage of liver glycogen in experimental animals.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(146) 1932-1935	DAVID WILLIS WILSON HENDERSON, C.B., PH.D., D.SC., F.R.S. Director, Microbiological Research Establishment, Ministry of Supply. Former member of Bacteriological staff, Lister Institute, London. <i>1. Antibacterial mechanisms in prophylaxis and therapy of tetanus.</i> <i>2. Cultivation of the viruses of louping-ill and fowl-pox.</i>
(147) 1932-1935	ROBERT GEORGE RANYARD WEST, D.PHIL. Oxford, M.D., B.S. London, M.R.C.P., D.P.H. Visiting Scholar, Harvard University Law School; Former Walgreen Lecturer, University of Chicago; Demonstrator in Pharmacology, University of Oxford, M.R.C.P., D.P.H. <i>1. The neurological mechanism of tetany.</i> <i>2. The pharmacology and therapeutics of curare.</i>
(148) 1932-1935 4th year 1935-1936	ROBERT GADDIE, B.SC., PH.D. Edinburgh, F.R.I.C. Biochemist, United Birmingham Hospitals; Clinical Lecturer in Biochemistry, University of Birmingham. <i>1. Intermediate carbohydrate metabolism of isolated frog's heart.</i> <i>2. Mode of action of insulin in the animal body.</i>
(149) 1932-1935 4th year	FRANK GEORGE YOUNG, F.R.S., M.A. Cambridge, D.SC., PH.D. London. Sir William Dunn Professor of Biochemistry, University of Cambridge. Former Professor of Biochemistry, University of London (University College and St. Thomas's Hospital Medical School). <i>Storage of carbohydrate by the liver in experimental animals.</i>
(150) 1932-1935 4th year 1935-1936	JOHN MICHAEL ROBSON, F.R.S.E., D.SC., M.D. Professor of Pharmacology, Guy's Hospital Medical School. <i>Hormonal factors responsible for the maintenance of pregnancy and onset of parturition.</i>
(151) 1933-1935	ARTHUR SPROUL MCFARLANE, M.B., B.SC., M.A. Glasgow. Head of Biophysics Department, National Institute for Medical Research. Former Research Fellow in Biophysics and member of staff of the Lister Institute. <i>Physicochemical nature of protein solutions and of bacterial suspensions by measuring the sedimentation velocity in the ultracentrifuge and the light-scattering capacity.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(152) 1933-1936 4th year 1936-1937	ERIC STEPHEN HORNING, D.SC. Melbourne, M.A. Oxford. Professor of Experimental Pathology (Histopathology), University of London, at the Institute of Cancer Research; Royal Cancer Hospital; Former Member of Scientific Staff, Imperial Cancer Research Fund. <i>Died 14th November, 1959.</i> <i>Study by micro-incineration of the distribution of igorganic radicles of normal and tumour cells after irradiation.</i>
(153) 1933-1936 4th year 1936-1937	WILLIAM JOHN DANN, D.SC, Sheffield, FH.D. Cambridge. Late Professor of Nutrition, Duke University School of Medicine, Durham, U.S.A. <i>Died 5th November, 1948.</i> <i>1. Transmission of food vitamins by milk and the placenta.</i> <i>2. Possible function of ascorbic acid (vitamin C) in Oxidation mechanism of the cell.</i>
(154) 1933-1934	BRIAN GILMORE MAEGRAITH, M.B., B.S., Adelaide, B.SC., D.PHIL. Oxford, F.R.C.P., F.R.C.P.E. Professor of Tropical Medicine and Dean, Liverpool School of Tropical Medicine, Consultant Physician, Tropical Diseases Centre, Sefton General Hospital, Liverpool; Hon. Consulting Physician, Royal Infirmary, Liverpool. <i>Methods of diagnosis and treatment of cerebrospinal meningitis.</i>
(155) 1933-1936	PHILIP JOCELYN GEORGE MANN, B.SC. Birmingham, PH.D. Cambridge. Member of staff of Biochemistry Dept. Rothamsted Experimental Station, Harpenden. Former Member of Agricultural Research Council's Unit of Soil Enzyme Chemistry. <i>1. Nature of the co-enzyme of glucose dehydrogenase.</i> <i>2. Action of vitamin B as a possible co-enzyme of the lactic dehydrogenase system.</i>
(156) 1933-1936	MAURICE STACY, C.B.E., F.R.S., PH.D., D.SC. Birmingham. Emeritus Professor of Chemistry, University of Birmingham. Joint Winner of Sugar Research Foundation Grant Award, National Academy of Science; Meldola Medallist; Tilden Lecturer, Chemical Society; Frankland Lecturer, Royal Institute of Chemistry. <i>The carbohydrates yielded in the growth of moulds and of bacteria.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(157) 1933-1935	<p>ARTHUR HENRY HUGHES, M.A., PH.D. Cambridge. Member of Board of Arthur Guinness, Son & Co. Ltd., London. <i>Reactions in the surface films of molecules of biological importance, dealing with haemoglobin and the enzymes responsible for snake venom haemolysis.</i></p>
(158) 1933-1936	<p>ALISON SARAH DALE (Lady Todd), M.A., PH.D. Cambridge. Former George Henry Lewes Student; Alfred Yarrow Scholar; Michael Foster Student. <i>Processes underlying the staircase phenomenon in amphibian and mammalian hearts.</i></p>
(159) 1934-1937	<p>BARON SOLLY ZUCKERMAN, O.M., K.C.B., F.R.S., M.A. Oxford and Cape Town, M.D. Birmingham, D.SC. London, Hon F.R.C.S., F.R.C.P., Hon.D.SC. Sussex Jacksonville University., U.S.A. and Bradford, Doctuer (H.C.) Bordeaux. Hon. Secretary, Zoological Society of London; Professor at Large, University of East Anglia. Former Sands Cox Professor of Anatomy, University of Birmingham and Chief Scientific Adviser to H.M. Government. <i>An experimental study in animals of the neurovascular control of reproductive functions.</i></p>
(160) 1934-1937	<p>HAROLD WILLIAMS FULLERTON, M.A., M.D. Aberdeen, F.R.C.P., F.R.C.P.E. Regius Professor of Medicine, University of Aberdeen and Physician, Aberdeen Royal Infirmary. <i>The oetiology and treatment of hypochromic anoemia of women of the poor classes.</i></p>
(161) 1934-1937	<p>EMANUEL MANNIE LOURIE, M.B., B.S. London, M.R.C.P., D.P.H., D.T.M. & H. Late Chief, Section of Biological Standardisation, World Health Organisation, Geneva. Former Demonstrator in Pharmacology, University of Oxford; Member of Scientific Staff, Medical Research Council. Died 11th August, 1956. <i>Chemotherapy in protozoal disease.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(162) 1934-1937	JOSEPH STANLEY MITCHELL, C.B.E., F.R.S., M.A., M.D., B.CH., PH.D Cambridge, D.M.R. (R.C.S.), F.F.R, F.R.C.P., HON. D.SC. Birmingham. Regius Professor of Physics, University of Cambridge and Hon. Director, Radiotherapeutic Centre, Addenbrooke's Hospital, Cambridge. <i>The effect of radiation in thin protein films.</i>
(163) 1934-1937 4th year 1937-1938 Senior 1938-1941	DAVID EZRA GREEN, M.SC. New York, PH.D. Cambridge. Co-director of the Institute for Enzyme Research, University of Wisconsin. <i>1. Investigation of the effect of hormones and vitamins upon the metabolism of individual organs. 2. Reversibility of dehydrogenase systems.</i>
(164) 1934-1937	GORDON ALLISON GRANT, M.SC. Halifax, PH.D. Toronto, PH.D. London. Vice-President, Research and Development, Ayerst, McKenna & Harrison, Ltd., Pharmaceutical and Biological Chemists, Montreal. <i>The metabolism of galactose.</i>
(165) 1934-1937 4th Year 1937-1938	STUART LAWSON COWAN, D.SC. London. Principal Scientific Officer, Admiralty Exposure Trials Station. Former Department Demonstrator, University Laboratory of Physiology, Oxford. <i>1. The chemical exchanges occurring in crustacean nerve as a result of stimulation and oxygen want. 2. The blood flow through the kidney during diuresis.</i>
(166) 1934-1937 4th year 1937-1938	MAURICE JOWETT, D.SC., PH.D. Liverpool, F.R.I.C. Biochemist, Prince of Wales's General Hospital, London, N.15. Former Biochemist, Glasgow Western Hospitals Group. Research worker, Liverpool Medical Research Organisation and Cardiff City Mental Hospital. <i>The metabolism of the central nervous system with reference to effects of narcotics in cases of mental disorder.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(167) 1935-1936	<p>TODD, OF TRUMPINGTON, ALEXANDER ROBERTUS (BARON) F.R.S., D.SC., LL.D. Glasgow, M.A. Cambridge, DR.PHIL.NAT. Frankfurt a/M., D.PHIL. Oxford. Professor of Organic Chemistry, University of Cambridge, and Master of Christ's College, Cambridge. Former Professor of Chemistry, University of Manchester, Meldola Medal, 1936. Lavoisier Medal, 1948. Davy Medal 1949. Royal Medal, 1955. Nobel Prize for Chemistry, 1957. Cannizarro Medal, 1958. Stas Medal, 1961. Paul Karrer Medal, 1962. Longstaff Medal. 1963. <i>The molecular structure of vitamin B.</i></p>
(168) 1935-1937	<p>ROBERT JAMES KELLAR, M.B.E., M.B., CH.B., F.R.C.S. and F.R.C.P. Edinburgh, F.R.C.O.G. Professor of Obstetrics and Gynaecology, University of Edinburgh. Former Reader in Obstetrics and Gynaecology, British Postgraduate Medical School, University of London. <i>The problem of nephritis and hypertension associated with pregnancy.</i></p>
(169) 1935-1936	<p>NORMAN LOWTHER EDSON, B.MED.SCI., M.B., CH.B. New Zealand, PH.D. Cambridge. Professor of Biochemistry, University of Otago, New Zealand. Former Travis Research Fellow. <i>The problem of ketogenesis and antiketogenesis.</i></p>
(170) 1935-1938 4th year 1938-1939	<p>MYER HEAD SALAMAN, M.A., M.D., Cambridge, DIP.BACT. Director of Cancer Research Dept., London Hospital Medical College. Former Freedom Research Fellow, London Hospital. <i>Systematic investigation of the antigenic structure of the vaccinia virus.</i></p>
(171) 1935-1938	<p>JAMES DAVIDSON FULTON, M.A., B.SC., PH.D., M.B., CH.B. Glasgow, D.T.M. Liverpool. Member of Scientific Staff of the Medical Research Council. Former Leverhulme Research Fellow in Medicine. <i>The experimental chemotherapy of malaria.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(172) 1935-1936	<p>ADELE HELEN ROSENHEIM (Mrs. Van Noorden), M.A. Cambridge, PH.D. London. Former Grocers' Company Research Scholar; Mary Sparke Scholar, Newnham College. <i>The chemical nature of antibodies, especially those in antityphoid sera.</i></p>
(173) 1936-1939 4th year 1939-1940	<p>ISAAC BERENBLUM, M.D., M.SC., Leeds. Jack Cotton Professor of Cancer Research and Head of Department of Experimental Biology, The Weizmann Institute of Science, Rehavoth, Israel. <i>Mechanism of skin irritation by various chemical substances, in reference to their action as exciting or preventing the development of cancer.</i></p>
(174) 1936-1939	<p>DONALD DEVEREX WOODS, F.R.S., M.A., PH.D. Cambridge, M.A. Oxford. Iveagh Professor of Chemical Microbiology, University of Oxford. Member of staff of Medical Research Council; Halley Stewart Fellow. <i>1. The metabolism of the anaerobic bacteria (genus Clostridium). 2. The phenomenon of adaptation in bacteria.</i></p>
(175) 1936-1939 4th year 1939-1940	<p>ALBERT NEUBERGER, C.B.E., F.R.S., M.D., Wurzburg, PH.D. Lond Professor of Chemical Pathology, St Mary's Hospital Medical School, London. Former Head of Division of Biochemistry. National Institute for Medical Research. <i>Carbohydrate group in proteins. 1. Its role in proteain structure. 2. Its relationship to their antigenic properties in bacterial immunity.</i></p>
(176) 1936-1939	<p>CHARLES WILLIAM BELLERBY, M.A. Cambridge. Former member of Research staff, Dept. of Social Biology, University of London. <i>Died 27th October, 1954. Control of reproductive cycle by the anterior lobe of the pituitary.</i></p>
(177) 1936-1939	<p>THOMAS WILLIAM BIRCH, B.SC. Birmingham, PH.D. Cambridge. Late Research Assistant, Nutritional Laboratory, Cambridge. <i>Died 9th October, 1939. Component parts of the vitamin B2 complex.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(178) 1936-1939	LILIAN MARY PICKFORD, F.R.S., D.SC. London, M.R.C.S., L.R.C.P., F.R.S.E. Reader in Physiology, Edinburgh University. <i>Influence of pituitary gland on water excretion by the kidney.</i>
(179) 1936-1939 4th year 1946-1947	RICHARD JULIUS PUMPHREY, F.R.S., M.A., PH.D. Cambridge, SC.D Derby Professor of Zoology, University of Liverpool. Former Assistant Director of Research in Zoology, University of Cambridge. <i>Died 25th August, 1967.</i> <i>1. Sensory physiology of insects.</i> <i>2. Hearing in man and other animals.</i>
(180) 1936-1939 4th year 1939-1940 Senior 1940 (not taken up owing to War)	THOMAS ARTHUR HOWARD MUNRO, M.D., F.R.C.P. Edinburgh. Physician-Superintendent, Royal Edinburgh Hospital for Mental and Nervous Disorders; Honorary Senior Lecturer in Psychiatry, Edinburgh University. Former Physician in Psychological Medicine, Guy's Hospital, London. <i>Role of inheritance in mental disorder.</i>
(181) 1937-1939	IAN ALFRED ANDERSON, M.B.E., M.D., M.D., B.SC. Aberdeen, F.C.PATH. Medical Biochemist, Victoria Infirmary, Glasgow. Former Lecturer in Clinical Chemistry, University of Aberdeen. <i>1. Iron analysis of diets of women of poorer classes in Aberdeen,</i> <i>2. Aetiology and treatment of primary hypochromic anaemia.</i>
(182) 1937-1939	DESMOND BEALL, B.A. British Columbia, PH.D. Toronto. Director of Pharmaceutical Development, Ayerst Laboratories, Inc., Rouses Point, N.Y. Former Assistant Professor, Research Institute of Endocrinology, McGill University. <i>Sterol metabolism with special reference to sex hormones.</i>
(183) 1937-1940 4th year 1940-1941	JAMES GOWANS CHALMERS, F.R.S.E., B.SC. Glasgow, A.R.I.C. Biochemist and Cancer Research Worker, Royal Beatson Memorial Hospital, Glasgow. <i>The role of polycyclic hydrocarbons in experimental tumour production.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(184) 1937-1938	<p>FREDERICK COLIN COURTICE, M.A., D.PHIL., Oxford, D.SC. Sydney, L.R.C.P., M.R.C.S., F.R.A.C.S., F.R.A.C.P., F.A.A. Professor of Experimental Pathology, John Curtin School of Medical Research, Australian National University, Canberra. Former Director, Kanematsu Memorial Institute of Pathology, Sydney Hospital, N.S.W.; Reader in Human Physiology, University of Oxford.</p> <p><i>The influence of insulin and endocrine secretions on the metabolism of prolonged muscular exercise.</i></p>
(185) 1937-1938	<p>HUGH DAVSON, D.SC. London. Member of Scientific Staff of Medical Research Council (at University College). Former Associate Professor of Physiology, Dalhousie University, Halifax, N.S.</p> <p><i>The cause of primary chronic glaucoma.</i></p>
(186) 1937-1940 4th year 1940-1941 Senior 1941	<p>THADDEUS RUDOLPH ROBERT MANN, C.B.E., F.R.S., M.D. LWOW, Poland, PH.D., SC.D. Cambridge. Director, Agricultural Research Council Unit of Reproductive Physiology and Biochemistry; Reader in Physiology of Animal Reproduction, University of Cambridge.</p> <p><i>1. Intracellular haematin compounds.</i> <i>2. Metabolism of oxalic acid in mammalian tissues.</i></p>
(187) 1937-1940	<p>ANTOINETTE PIRIE, M.A., PH.D. Cambridge. Reader in Ophthalmology, University of Oxford.</p> <p><i>Metabolism of filterable organisms by analysis of their enzyme systems.</i></p>
(188) 1937-1938	<p>DEREK RICHTER, M.A., B.SC. Oxford, M.R.C.S., L.R.C.P. London, D.PHIL. Munich. Director of Medical Research Council Neuropsychiatric Research Unit, Carshalton, Surrey,</p> <p><i>Action of adrenaline and related substances on the metabolism of individual organs.</i></p>
(189) 1938-1941	<p>GEOFFREY BOURNE, M.SC., D.SC. Western Australia, D.PHIL. Director, Yerkes Regional Primate Research Centre of Emory University, Professor of Anatomy, Georgia, U.S.A. Former University Reader in Histology, London Hospital Medical School; Nutritional Adviser, British Military Administration of Malaya.</p> <p><i>Significance of Vitamin C in the endocrine system with special reference to the adrenal glands and the sex organs.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(190) 1938-1939	<p>ANDREW LAWRENCE CHUTE, O.B.E., M.A., M.D., Toronto, PH.D. London, F.R.C.P. (C.). Professor of Paediatrics, University of Toronto; Chief of Paediatrics, Hospital for Sick Children, Toronto. <i>Studies of brain metabolism by isolated perfusion of the dog's brain.</i></p>
(191) 1938-1940	<p>ROBERT OSWALD LENNARD CURRY, M.A. PH.D. Durham. Late Senior Engineer, Bell Telephone Laboratories, N.Y., Consultant to U.S. Air Force, Senior Engineer to Wright Aero Corpn. Also to Farnsworth Television and Radio Corpn. Assistant Professor in Speech Dept. Brooklyn College, New York. Died 25th February, 1952. <i>The Physiology of speech, with special reference to the oetiology of speech disorders.</i></p>
(192) 1938-1941 4th year 1941-1942	<p>JAMES FREDERIC DANIELLI, F.R.S., D.SC., PH.D. Professor of Biochemical Pharmacology and Medicinal Chemistry, University of Buffalo. Formerly Professor of Zoology, King's College, London. <i>Permeability of normal and denervated frog's muscle to substances important in metabolism or in drug action, including choline esters.</i></p>
(193) 1938-1939	<p>JOHN GEORGE DEWAN, B.A., M.D. Western Ontario, M.A., D.PSYCH. Toronto, PH.D. Cantab., D.P.M. Eng., F.R.C.P. (C.). Professor of Psychiatry, University of Toronto; Consultant Phychiatrist, University Health Service and Dept. of Veterans Affairs, Canada; Consultant Psychiatrist, The Dr. C.K. Clarke Institute of Psychiatry. <i>"Insulin Shock" in Schizophrenia by studying metabolism and enzyme systems of brain slices of animals in "insulin shock".</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(194) 1938-1941 4th year 1945-1946	CATHERINE OLDING HEBB. B.A. Dalhousie, PH.D. McGill. Senior Principal Scientific Officer, Agricultural Research Council, Institute of Animal Physiology, Cambridge. Former Lecturer in Physiology, Edinburgh University. <i>1. The effect of thoracic sympathectomy in animals on the lung response to exercise and adrenaline administration.</i> <i>2. Physiological problems in relation to high altitudes.</i> <i>Fourth year studies:</i> <i>1. Synthesis acetylcholine.</i> <i>2. Action of organic and inorganic phosphates on ganglionic transmission.</i>
(195) 1938-1939	SIR BERNARD KATZ, F.R.S., M.D. Leipzig, PH.D., D.SC. London. Former Professor of Biophysics, University College, London. Former Henry Head Research Fellow (Royal Society) Biophysics Research Unit, University College, Nobel Laureate 1970. <i>Died 2003</i> <i>Electric excitation and the transmission of impulses, in peripheral nerve and muscle of animals.</i>
(196) 1938-1939	JONAS HENRICK KELLGREN. F.R.C.P., F.R.C.S., M.SC. Director of Rheumatism Research Centre and Professor of Rheumatology, Manchester University. Former member of Scientific staff of Medical Research Council. <i>The supporting system and its disorders.</i>
(197) 1938-1940 1942-1944	JOHN JAMES DUNCAN KING, L.D.S. Eng., PH.D. Sheffield, F.D.S.R.C.S. Eng., D.SC. London. Late Director of Dental Research Unit (Medical Research Council), King's College Hospital Medical School. <i>Died 22nd November, 1952.</i> <i>Dental caries and paradontal disease.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(198) 1938-1941 4th year 1941-1942	<p>HERMANN LEHMANN, F.R.S., M.D. Basle, SC.D., Cambridge, F.R.C.P. London, F.R.I.C., F.C.PATH.</p> <p>Professor of Clinical Biochemistry, University of Cambridge; University Biochemist to Cambridge United Hospitals; Honorary Director, Medical Research Council Abnormal Haemoglobin Research Unit, University of Cambridge.</p> <p><i>1. Blood sugar; distinction between glucose and hexose-monophosphate, and further study of the action of insulin.</i></p> <p><i>2. Iron metabolism in plants.</i></p>
(199) 1938-1941	<p>WALTER JOHN O'CONNOR, M.D., B.S. Adelaide, M.A. Cambridge.</p> <p>Reader in Physiology, University of Leeds. Former Lecturer and Demonstrator in Pharmacology, University of Cambridge.</p> <p><i>1. Hypertension of renal origin.</i></p> <p><i>2. Secretion of antidiuretic pituitary substance in normal animals.</i></p>
(200) 1938-1939 1945-1947	<p>HAROLD SCARBOROUGH, M.B., CH.B., PH.D. Edinburgh, F.R.C.P. Edinburgh, F.R.C.P. London.</p> <p>Professor of Medicine, Welsh National School of Medicine of the University of Wales and Director of the Medical Unit in the Royal Infirmary, Cardiff. Former reader in Medicine, University of Birmingham.</p> <p><i>Rate of destruction of vitamin C in the human body and its mode of breakdown.</i></p>
(201) 1938-1942	<p>VERNON HOLLIS BOOTH, B.A., PH.D. Cambridge.</p> <p>Free-lance Scientist. Former Member of Scientific staff of Agricultural Research Council, at Dunn Nutritional Laboratory, Cambridge.</p> <p><i>1. The internal constituents of bacteria by means of a wet-crushing mill.</i></p> <p><i>2. Carbonic anhydrase.</i></p>
(202) 1939-1942 4th year 1943	<p>ERIC GEORGE LAPHORNE BYWATERS, M.B., B.S. London,</p> <p>Professor of Rheumatology, University of London; Director, Rheumatism Research Unit (Medical Research Council), Canadian Red Cross Memorial Hospital, Taplow, Bucks; Hon. Consulting Physician (Rheumatism), Royal Postgraduate Medical School of London and the Windsor Group of Hospitals.</p> <p><i>Rheumatoid Arthritis.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(203) 1939 (Fellowship held 1946-47)	WILFRED INGRAM CARD, M.D., F.R.C.P. Edinburgh and London F.R.C.P. Glasgow. Professor in the University of Glasgow of the Dept. of Medicine in relation to Mathematics and computing. Former Physician in charge of Gastro- intestinal Unit, Western General Hospital, Edinburgh; Reader in Medicine, University of Edinburgh. Former Physician to Outpatients, St. Thomas's Hospital, London. <i>Experimental studies on gastric secretion in man.</i>
(204) 1939-1941	HANS HELLER, M.D., M.CH. Cambridge, PH.D. Prague, F.R.C.P. Emeritus Professor of Pharmacology, University of Bristol. Editor, Journal of Endocrinology, Chairman, Society for Endocrinology. <i>The antidiuretic principal of post-pituitary extract.</i>
(205) 1939 (Fellowship not taken up owing to War)	MAXWELL SHAW JONES, C.B.E., M.D. (Gold Medal) Edinburgh, D.P.M. London, M.R.C.P.E. Medical Director, Henderson Hospital, Sutton, Surrey. Physician Superintendent, Dingleton Hospital, Melrose, Scotland. <i>Insulin treatment of schizophrenic mental states.</i>
(206) 1939-1941	BARNETT LEVIN, M.D., B.S., PH.D. London. Former Director of Pathology, Queen Elizabeth Hospital for Children, and The Mother's Hospital, Clapton, London. <i>The effect of spatial configuration of antigens on immunological</i>
(207) 1939 (Fellowship help 1945-46)	IAN MACKENZIE, M.B.E., M.B., CH.B., F.R.C.S. Edinburgh, F.R.C.S.(C). Professor of Surgery, Dalhousie University and Head of Dept of Surgery, Victoria General Hospital, Halifax, Nova Scotia. Canada. Former Consultant Surgeon, West Cumberland Hospitals: First Assistant, Dept. of Surgery, Durham University. Died 17th October, 1966. <i>Immunological investigations on constituents of tumours.</i>
(208) 1939	ALEXANDER FRANCIS RAWDON SMITH, M.A., PH.D. Cambridge. President, Rawdon Smith Associates Inc. Washington, D.C. Former Assistant Director, Ministry of Supply Mission, Washington. <i>Mechanism of hearing.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(209) 1939-1940	<p>BASIL ROLAND RECORD, B.SC., PH.D., D.SC. Birmingham, F.R.I.C. Formerly Senior Principal Scientific Officer, Microbiological Research Establishment, Porton. Former member of Medical Research Council research staff. <i>Study by ultracentrifuge and electrophoresis of changes in horse sera during immunisation.</i></p>
(210) 1940-1943	<p>MICHAEL ABERCROMBIE, F.R.S., M.A., B.SC., Oxford. Director Strangeways Institute, Cambridge. Former Jodrell Professor of Zoology, University College, London. Former Reader in and Professor of Embryology, University College, London. Died 1979. <i>Amputation neuromata and the degeneration and regeneration of mammalian nerves.</i></p>
(211) 1940-1942	<p>SIR DOUGLAS ANDREW KILGOUR BLACK, M.D. St. Andrews, M.SC. Manchester, F.R.C.P. Professor of Medicine, University of Manchester. President of Royal College of Physicians 1977. <i>Metabolic and bone marrow changes in the repair of severe anaemias.</i></p>
(212) 1940 (Fellowship not taken up owing to War)	<p>GORDON CECIL BUTLER, M.A., PH.D. Toronto, F.R.S. Canada. Professor of Biochemistry, University of Toronto, Director of Biology and Health Physics Division of Atomic Energy of Canada Limited. <i>Purification and properties of gonadotrophic hormone from pituitary gland.</i></p>
(213) 1940-1943	<p>JUAN LUIS MADINAVEITIA. F.D. Madrid, PH.D. Edinburgh. Member of Scientific Staff of Imperial Chemical Industries. <i>Diffusing factors in bacterial filtrates and snake venoms.</i></p>
(214) 1940-1942	<p>STANLEY MILES PARTRIDGE, M.A., PH.D., SC.D., F.R.I.C., F.R.S. Deputy Chief Scientific Officer, A.R.C. Meat Research Institute, Langford, Bristol. <i>Chemical nature of the specific antigen of Bacteria dysenteriae, Shiga.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(215) 1940-1943	DAVID WHITTERIDGE, F.R.S., B.SC., D.M. Oxford, F.R.C.P. Waynflete Professor of Physiology, University of Oxford. Former Professor of Physiology, University of Edinburgh. Former Fellow by Special Election, Magdalen College, Oxford. <i>Electro-encephalographic studies of cortical activity after concussion or injury.</i>
(216) 1940-1943 4th year 1943-1944	PETER CLARINGBOULD WILLIAMS, B.SC. London, F.I.BIOL. Senior Scientific Adviser to Director of research, Imperial Cancer Research Fund, London. Former Proffit Research Student. <i>Pituitary hormones and their excretion in clinical diseases.</i>
(217) 1941-1944	ERNEST FREDERICK GALE, F.R.S., B.SC. London, B.A., PH.D., SC.D., Cambridge. Professor of Chemical Microbiology, University of Cambridge. <i>The role of bacterial amines in non-specific infantile diarrhoea, and of P. vulgaris in food poisoning.</i>
(218) 1941-1944 4th year, 1944.	WILLIAM HOLMES, M.A., D.PHIL. Oxford. Fellow of St. John's College, Oxford and University Lecturer in Zoology. <i>Regeneration of nerve fibres and their associated tissues after nerve injury.</i>
(219) 1941-1944	MARY FAURIEL LOCKETT, M.D. London, M.R.C.P., PH.D. Cantab. Wellcome Research Professor of Pharmacology, Western Australia. Former Head of Department of Physiology and Pharmacology, Chelsea College of Science and Technology, London. <i>Isolation of renal pressor substances responsible for experimental high blood pressure in dogs.</i>
(220) 1941-1942	DAVID MCFARLANE, B.SC. Glasgow, M.R.C.V.S. Professor of Veterinary Medicine, University of Sydney, Sydney. <i>Factors limiting cattle and sheep production. In particular perinatal mortality in lambs and cattle and sheep fertility.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(221) 1942-1943	DENIS HERBERT, M.A, PH.D. Cambridge. Senior Principal Scientific Officer, Microbiological Research Establishment Porton (Ministry of Defence). Former member of Scientific staff of Medical Research Council, London. <i>Biochemistry of bacterial toxins and toxoids, especially those concerned in gas gangrene.</i>
(222) 1942-1945 4th year 1945-1946	FRANK WALTER LANDGREBE, B.SC. London, D.SC. Aberdeen. Professor of Pharmacology and Therapeutics, Welsh National School of Medicine. Former Senior Lecturer in Experimental Pharmacology, University, Aberdeen. <i>Separation of pituitary hormones and study of their uses.</i>
(223) 1943-1945	MARGERY ENID MAUD CUTTING, B.SC., PH.D. London. Former Research Assistant in Division of Nutrition, Lister Institute. <i>Killed in motor accident, 1959.</i> <i>The physiological metabolism of organs in infancy.</i>
(224) 1943-1945	ALFRED KLECZKOWSKI, M.D. Cracow, PH.D., London, F.R.S. Senior Principal Scientific Officer (Plant Pathology Dept.), Rothamsted Experimental Station. Died 27th November, 1970. <i>Factors affecting serological reactions in reference to size and shape of antigen and antibody particles.</i>
(225) 1943-1946 4th year 1946-1947	GEORGE JOSEPH POPJAK, M.D. Szeged, Hungary, D.SC. London, F.R.I.C., F.R.S. Joint Director, Milstead Laboratory of Chemical Enzymology, "Shell" Research Ltd. Sittingbourne, Kent. Associate Professor, Dept. of Molecular Sciences, Warwick University. <i>Experimental study of fatty and degenerative changes in the kidney.</i>
(226) 1943-1946 4th year 1946-1947	ETHEL GERTRUDE TEECE, B.SC., PH.D. Birmingham. Senior Science Mistress, Croydon High School. (retired) <i>Comparison of the chemical structure of Gram-positive and Gram- negative micro-organisms and development of antibacterial agents.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(227) 1944-1946	<p>JOHN COLIN BOURSNALL, O.B.E., PH.D. London, PH.D. Cambridge, A.R.C.S., F.R.I.C.</p> <p>Senior Principal Scientific Officer, A.R.C. Unit of Reproductive Physiology and Biochemistry, Chemistry.</p> <p><i>The fate and functions of trace and some other elements in the animal body, using radioactive isotopes.</i></p>
(228) 1944-1945	<p>GUILDFORD ALBERT LEVVY, PH.D., D.SC. Edinburgh, F.R.I.C.</p> <p>Former Biochemist, Rowett Research Institute, Bucksburn, Aberdeen.</p> <p><i>Adaptive enzymes in the animal body, with special reference to the role of glucuronidase in the metabolism of steroid hormones and related substances.</i></p>
(229) 1944-1946	<p>HOWARD JOHN ROGERS, B.SC., PH.D. London.</p> <p>Head, Division of Microbiology Medical Research Council, National Institute for Medical Research. Former Nuffield Research Fellow in Oral Biology, Leeds University.</p> <p><i>1. A comparative study of the biochemistry of hyaluronidase obtained from various sources.</i></p> <p><i>2. A study of the role of enzymes, such as hyaluronidase and lecithinase and other bacterial antigens in infection.</i></p>
(230) 1944-1946	<p>GEORGE JOHN ROMANES, C.B.E., F.R.S.E., F.R.C.S.E., B.A., PH.D. Cambridge, M.B., CH.B. Edinburgh.</p> <p>Commonwealth Fund Fellow. Columbia University, N.Y. Lecturer, Senior Lecturer and Professor of Anatomy, at Edinburgh University. Chairman, Board of Management, Edinburgh Royal Infirmary.</p> <p><i>The relationship between the developing mesoderm and the motor apparatus of the spinal cord supplying it.</i></p>
(231) 1944-1947 4th year 1947-1948 Senior 1948-1951	<p>FREDERICK SANGER, C.H., F.R.S., B.A., PH.D. Cambridge.</p> <p>Staff of Medical Research Council Laboratory of Molecular Biology, Cambridge. Fellow of King's College, Cambridge. Holder of Nobel Prize in Chemistry, 1958 and 1980.</p> <p><i>The chemical structure of proteins, with special reference to Insulin.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(232) 1944-1947	<p>SHELIA PATRICIA VIOLET SHERLOCK (Mrs. James), M.D. (Gold Medal), CH.B. Edinburgh, F.R.C.P., Edinburgh, F.A.C.P. (HON) F.R.C.C.P. (HON)</p> <p>Professor of Medicine in the University of London at the Royal Free Hospital School of Medicine. Former Rockefeller research Fellow in Physiological Chemistry Dept. Yale University; Lecturer in Medicine and Physician, Postgraduate Medical School of London.</p> <p><i>Study of hepatic function in disease.</i></p>
(233) 1944-1946	<p>CHARITY WAYMOUTH, B.SC. London, PH.D. Aberdeen.</p> <p>Senior Staff Scientist and Asst. Director (Training), Jackson Laboratory, Bar Harbor, Maine, USA. Former Exchange Fellow, British Empire Cancer Campaign - American Cancer Society, Member of Scientific staff and Head of Tissue Culture Department. Chester Beatty Research Institute, Royal Cancer Hospital.</p> <p><i>Biochemical investigations on tissue growth.</i></p>
(234) 1944-1946	<p>EDWIN CLIFFORD WEBB, M.A., PH.D. Cambridge.</p> <p>Deputy Vice-Chancellor (Academic), University of Queensland. Former Professor of Biochemistry and Head of Department of Biochemistry, University of Queensland. Professor Emeritus of University of Queensland.</p> <p><i>An investigation of pharmacological substances with a view to finding their ultimate mode of action on living tissue.</i></p>
(235) 1945-1946	<p>JOSEPH FORDE ANTHONY MCMANUS, M.D. Queen's University, Canada.</p> <p>Dean College of Medicine and Professor of Pathology, Medical University of South Carolina, Charleston. Former Executive Director, Federation of America Societies for Experimental Biology, Bethesda, Maryland, U.S.A.</p> <p><i>The topography of lipine distribution in normal and pathological tissues.</i></p>
(236) 1945-1946 1947-1948	<p>OWEN LEWIS THOMAS, M.D., CH.B. New Zealand, D.PHIL. Oxford.</p> <p>Professor of Zoology, University of Natal, S. Africa. Former Professor of Biology, State University of Alabama, Tuscaloosa, U.S.A.</p> <ol style="list-style-type: none"> 1. <i>Further experimental investigation on thyroid activity.</i> 2. <i>Cytological study of the undoubted pituitary phenomena found experimentally in thyro-activated animals.</i> 3. <i>The problem of neurosecretion.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(237) 1946-1949	<p>SEBASTIAN ERNEST DICKER, M.D. Brussels, PH.D., D.SC. Bristol. Emeritus Professor of Physiology, University of London. Hon. Research Fellow, Dept. of Chemistry, U.C.L.</p> <p><i>The extrarenal water metabolism and renal function in the following conditions:</i></p> <ol style="list-style-type: none"> 1. Normal rats of various ages. 2. Rats on protein deficient diets. 3. Rats on sodium deficient diets 4. Rats after removal of adrenals. 5. Rats after removal of pituitary gland.
(238) 1946-1949	<p>PETER MACDONALD TOW, PH.D., M.R.C.S., L.R.C.P., M.B., B.S., D.P.M.</p> <p>Research Fellow in Clinical Psychology, Nuffield Dept. of Surgery, University of Oxford. Research Physician, Runwell Hospital, Essex.</p> <p><i>Prefrontal leucotomy and the function of the frontal area.</i></p>
(239) 1947-1950	<p>JOHN WESTCOTE LYTTLETON, M.SC. New Zealand, PH.D. London, F.N.Z.I.C., F.R.S.N.Z.</p> <p>Senior Chemist, Applied Biochemistry Division, D.S.I.R. Palmerston North New Zealand.</p> <p><i>The purification and physico-chemical characterisation of some proteins involved in the coagulation of blood.</i></p>
(240) 1947-1949	<p>ALAN JOHN MARSHALL, B.SC. Sydney, D.PHIL., D.SC. Oxford. Foundation Professor of Zoology and Comparative Physiology, Monash University, Australia. Former Reader in Zoology and Comparative Anatomy, St. Bartholomew's Medical School, University of London.</p> <p><i>Died 1967.</i></p> <p><i>The physiology of reproduction in vertebrates:</i></p> <ol style="list-style-type: none"> 1. Humoral and nervous control of the decidual reaction of the mammalian uterus. 2. The nervous and humoral relationship in the "dancing" and bower-building of Australian bower-birds.

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(241) 1947 (Fellowship held in 1948- 1951)	<p>LEO SILBERMAN, B.A. Johannesburg, B.SC. London, A.I.M.E.C.H.E., NAT.ENG.DIPL. South Africa. Former Tutor in the London University Extension Dept. and Worker's Educational Association.</p> <p><i>The community costs of tuberculosis in terms of public assistance and industrial outlay to patients and dependants, man-day wastage and social service provisions with special reference to the problem of re-instatement and revocation.</i></p>
(242) 1947-1949 4th year 1950-1951	<p>GREGORIO WEBER, D.M. Buenos Aires, PH.D. Cambridge. Professor of Biochemistry, University of Illinois, Urbana, U.S.A. <i>The reactions and behaviour of physiologically important proteins, using new physico-chemical methods.</i></p>
(243) 1948-1951	<p>DOUGLAS AUGUSTINE DARCY, B.SC., M.A. Canada, D.PHIL. Oxford. Senior Lecturer, Chester Beatty Research Institute, Institute of Cancer Research, Royal Cancer Hospital. Former Rhodes Scholar, Oxford. <i>The role of the lymphocyte and plasma cell in homograft breakdown.</i></p>
(244) 1948-1949	<p>REX MALCOLM CHABLIN DAWSON, F.R.S., B.SC. London, PH.D. Wales, D.SC. London. Deputy Director and Head of Biochemistry Dept. Institute of Animal Physiology, Babraham, Cambridge. Former Senior Research Biochemist Neuropsychiatric Research Centre, Whitchurch Hospital, Cardiff; Betty Brookes Research Fellow, University of Oxford. <i>The biochemical changes in the brain associated with different forms of functional activity.</i></p>
(245) 1948-1951	<p>FREDERICK NOEL FASTIER, M.SC., D.SC., New Zealand, D.PHIL. Oxford, F.R.I.C., F.N.Z.I.C. Professor and Chairman, Department of Pharmacology, University of Otago, New Zealand. Former Research Assistant, Department of Medicine <i>The nature of the musculotropic action of basic amidine derivatives.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(246) 1948-1950	<p>ANTHONY TRAFFORD JAMES, B.SC., PH.D. London. Head of Division of Biochemistry; Co-ordination Manager for Chemicals and Basic Research, Unilever Research Laboratory, Colworth House, Sharnbrooke, Bedford.</p> <p><i>The relationship between structure and biological activity in naturally occurring substances.</i></p>
(247) 1948-1950	<p>ARTHUR MCCOUBREY, B.SC., PH.D. London. Head, Biochemical research Biological Laboratories, Reckitt & Sons Ltd, Hull.</p> <p><i>Analgesic and additive tendencies from a chemical standpoint.</i></p>
(248) 1948-1951	<p>SYDNEY WILLIAM STANBURY, M.D, M.B., CH.B. Manchester, F.R.C.P. London. Professor of Medicine, University of Manchester. Consultant Physician and Director of Metabolic Unit, Manchester Royal Infirmary.</p> <p><i>The effect of changes in nervous activity, induced by narcosis and sleep, on the renal circulation and blood pressure in normal and hypertensive individuals.</i></p>
(249) 1948-1951	<p>DAVID VEREL, M.A., M.D., B.CHIR., F.R.C.P. Regional Cardiologist, Sheffield Region; Consultant Cardiologist, United Sheffield Hospitals, Lecturer in Cardiology, University of Sheffield.</p> <p><i>The postural hypotension which may follow prolonged rest in bed.</i></p>
(250) 1949-1951	<p>DAVID VINCENT BATES, M.D. Cambridge, F.R.C.P. Canada, F.R.C.P. London, F.R.S. Canada. Dean, Faculty of Medicine and Professor of Medicine and Physiology, University of British Columbia, Canada. Former Chairman, Dept, Physiology and Senior Physician, Royal Victoria Hospital, McGill University, Montreal. Former First Assistant to Professorial Medical Unit and Senior Lecturer in Medicine, St. Bartholomew's Hospital.</p> <p><i>Research on respiratory function.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(251) 1949-1951	DAVID BREZ CARLISLE, M.A., D.PHIL., D.SC. Oxford. Senior Principal Scientific Officer, Department of Technical Co-operation, London. <i>The mechanism of the production of the anterior pituitary hormones.</i>
(252) 1949-1952 4th year 1952-1953	BERNARD CINADER, D.SC., PH.D. London, F.R.I.C., F.R.S.C. Director, Institute of Immunology and Professor Departments of Medical Cell Biology, Medical Biophysics, Clinical Biochemistry, University of Toronto. Former Head, Subdivision of Immunochemistry, Ontario Cancer Institute and Principal Scientific Officer, A.R.C. Institute of Animal Physiology, Cambridge. <i>The formation of multiple antibodies to a single antigen and their properties.</i>
(253) 1949-1952	JOHN TASMAN DAVIES, M.A. Cambridge, D.SC. London. Professor and Head of Department of Chemical Engineering, University of Birmingham. <i>The nature of the excitation of living cells examining the closely similar case of built-up films of materials that may be responsible for the permeability of cell walls.</i>
(254) 1949-1952	DONALD TREVOR ELMORE, B.SC., PH.D. London, A.R.C.S. J.C. White Professor of Biochemistry, Queen's University, Belfast. Former Protein Research Fellow and Honorary Lecturer in Chemistry, Sheffield University. <i>The hydrolysates of nucleic acids.</i>
(255) 1949-1951	ALBERT STANLEY JONES, D.SC., PH.D. Birmingham. Professor of Chemistry, University of Birmingham. <i>The immunochemistry of bacterial nucleic acid complexes.</i>
(256) 1949-1952	JUNE LASCELLES, M.SC. Sydney, D.PHIL. Oxford. Professor of Bacteriology, University of California, Los Angeles. Former University Lecturer, Microbiology Unit, Biochemistry Dept. Oxford. Former Rockefeller Foundation Fellow. <i>The metabolic function of folic acid and para-amino-benzioic acid.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(257) 1949-1952	ERIC REID, B.SC. Aberdeen, PH.D. London, PH.D. Cambridge, D.SC. London. Director and University Reader in Biochemistry, Wolfson Bioanalytical Centre, University of Surrey, Guildford. <i>The pituitary growth hormone in relation to metabolic processes.</i>
(258) 1949-1951	BARRY DARRELL WYKE, M.B., B.S., M.D. Sydney. Director, Neurological Research Laboratory, Royal College of Surgeons of England. Senior Lecturer, Dept of Applied Physiology, Institute of Basic Medical Sciences, University of London. Former Director, Neurosurgical Research Unit, Brook Hospital, Woolwich. <i>Quantitative studies on the electrical activity of the brain in patients with various types of central nervous system disorders of both organic and functional type.</i>
(259) 1950-1953 4th year 1953-1954	JOAN EUGENIA KEILIN, (now Whitely) M.A., M.B., B.CHIR., PH.D. Cambridge. Assistant in research, Laboratory of Molecular Biophysics, Dept of Zoology, University of Oxford. Former Assistant Director of Research, Department of Veterinary Clinical Studies, School of Veterinary Medicine, Cambridge. <i>The link between the haem and protein in haemoglobin and between prosthetic group and protein in certain enzymes.</i>
(260) 1950-1952	JAMES CROSSLAND, M.A. Oxford, PH.D. Wales. Professor of Pharmacology, University of Nottingham. <i>Investigations related to the nature and functions of humoral factors in related transmission in the brain.</i>
(261) 1950-1952	MILTON ROBERT JAMES SALTON, F.R.S., B.SC.AGR. Sydney, PH.D., SC.D, Cambridge, M.D.(HON.) Liege. Professor and Chairman of Microbiology, New York University Medical School. Former Professor of Microbiology, University of New South Wales; Reader in Chemical Bacteriology, University of Manchester and Demonstrator in Biochemistry, University of Cambridge. <i>To investigate the outer 'envelopes' of bacterial cells, studying the chemical physiochemical and immunological nature of these 'detachable envelopes'.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(262) 1951-1953	<p>PAMELA MARGARET HOLTON, M.A. Cambridge, D.PHIL. Oxford. Reader in Physiology, St. Mary's Medical School, London. Former Foulerton Research Fellow of the Royal Society. <i>Chemical transmission at nerve endings.</i></p>
(263) 1951-1954	<p>HUGH FORREST JARVIE, B.SC., M.D., CH.B., D.P.H. Glasgow. B.SC. Oxford, D.P.M., Manchester, F.R.C. Psych. Consultant Psychiatrist, Royal Southern and Sefton General Hospitals, Liverpool. Consultant Psychiatrist, Liverpool Education Authority. Lecturer in Psychological Medicine. University of Liverpool. <i>The psychological manifestations of organic nervous disease, with particular reference to brain wounds and head injury.</i></p>
(264) 1951-1953	<p>ELINOR WRAY MCCLOY (Mrs. Meynell), B.A., M.D. Dublin, DIP.BACT. London. Senior Research Fellow (M.R.C.) Biological Labs. University of Kent at Canterbury. Former Member of Staff of Lister Institute of Preventative Medicine. <i>The properties of a lysogenic strain of a Bacillus species; the bacteriophage derived from it, and certain antibiotics produced by it and other Bacillus strains.</i></p>
(265) 1951-1954	<p>ALAN FRANCIS PHILLIPS, M.A. Cambridge, M.D., CH.B. Edinburgh, D.M.R.T. London. Radiotherapist, Hurley Hospital, Flint, Michigan. <i>1. Autoradiographic studies in connection with the clinical use of radioactive isotopes.</i> <i>2. Measurement of redox potential and oxygen tension in view.</i></p>
(266) 1951-1953	<p>EDWARD VERNON ROWSELL, M.A., PH.D. Cambridge. Senior Lecturer in Biochemistry, Faculty of Technology, University of Manchester. <i>The biochemical changes associated with physiological activity in nerve tissue and the effect on them of analgesics and euphorants.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(267) 1951-1953	<p>WALTER GRAHAM SPECTOR, M.A., M.B., B.CH. Cambridge. F.R.C.P, F.R.C.Path. Professor of Pathology, St. Bartholomew's Hospital Medical College. Consultant Pathologist, St. Bartholomew's Hospital. <i>Died 7th January, 1982.</i> <i>The mechanism of protein synthesis by premature and full-term in infancy and childhood.</i></p>
(268) 1952-1955	<p>ALBERT GORDON BAIKIE, M.B., CH.B. Glasgow, F.R.C.P.E., F.R.A.C.P., M.R.C.PATH. F.R.C.P.A. Professor of Medicine, University of Tasmania, Former Reader in Medicine, University of Melbourne. <i>The place of biliverdin in hoemoglobin catabolism in man and laboratory animals.</i></p>
(269) 1952-1954	<p>KRESIMER KRNEVIC, M.B., CH.B., B.SC., PH.D. Edinburgh Professor, Wellcome Department for Research in Anaesthesia McIntyre Medical Sciences Building, McGill University, Montreal, Canada. Former staff member of A.R.C. Institute of Animal Physiology, Babraham. Former Visiting Fellow, Australian National University, Canberra. <i>The behaviour of nerve trunks in the amphibia.</i></p>
(270) 1952-1953	<p>ROBERT MARTIN SMELLIE, B.SC., PH.D., D.SC., F.R.S.E., F.I.BIOL. Cathcart Professor of Biochemistry, University of Glasgow Former Reader in Molecular Biology, University of Glasgow. <i>The biosynthesis and function of the nucleic acids in animal tissues.</i></p>
(271) 1952-1955	<p>WINIFRED MAY WATKINS, F.R.S., B.SC., PH.D., D.SC. London. Professor of Biochemistry, University of London at Lister Institute. <i>Studies in the field of the human blood groups; the isolation and the physical chemical and immunological characterisation of the product of Bernstein's human blood group O gene.</i></p>
(272) 1953-1955	<p>JACK RICHARD CANNON, M.SC. Sydney, PH.D. Cambridge. Senior Research Officer. Commonwealth Scientific and Industrial Research Organisation, Australia. <i>The chemical structure of vitamin B₁₂.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(273) 1953-1956	<p>GRAHAM PRITCHARD LEWIS, B.PHARM., F.P.S.PH.D. Wales. Professor of Pharmacology, Royal College of Surgeons of England, London. <i>The relationship between structure and action of histamine, acetylcholine, adrenaline and nor-adrenaline with special reference to the effect of ionisation of the drug or its receptor on drug action.</i></p>
(274) 1953-1955	<p>WARWICK LLEWELLYN NICHOLAS, B.SC., PH.D. Liverpool. Reader in Zoology, Australian National University, Canberra. Formerly Lecturer in Zoology, Liverpool University. <i>The growth requirements of free-living and parasitic nematodes in chemically defined media, with a view to their applications to the chemotherapy of nematode infections.</i></p>
(275) 1953-1956 4th year 1956-1957	<p>EVELYN ELIZABETH BROWNS SMITH, B.SC., PH.D. Glasgow. Former Holder of Senior Research Award of the Carnegie Institution of Washington, U.S.A. Former Carnegie Senior Research Fellow at University of Copenhagen. <i>The enzymic mechanisms of glycosyl transfer reactions involving uridine pyrophospho-glycosyl compounds, with particular reference to pneumococcal capsular polysaccharide synthesis.</i></p>
(276) 1954-1955	<p>RICHARD GEORGE TUCKER, M.A., B.M., D.PHIL. Oxford, M.R.C.PATH., F.R.C.P.A. Reader in Medical Microbiology, University of Tasmania. Former University Lecturer in Biochemistry, Oxford. <i>The action of divalent metals on the multiplication of bacteriophage.</i></p>
(277) 1954-1957 4th year 1957-1958	<p>DAVIDSON SYLVESTER HECTOR WILLOUGHBY NICOL, C.M.G., M.A., M.D., PH.D., Cambridge, HON.D.SC. Newcastle-upon-Tyne, HON. D.SC. Michigan, F.R.C.PATH. London. Principal, Fourah Bay College, University College of Sierra Leone, West Africa. Consultant Pathologist, Government of Sierra Leone. Under- Secretary-General of the United Nations and Executive Director U.N. Institute for Training & Research. <i>The chemistry and pharmacology of peptide fractions of insulin.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(278) 1954-1957 4th year 1957-1958	BERNARD THOMAS DONOVAN, B.SC., PH.D., D.SC. London. Reader in Neuro-Endocrinology, Department of Physiology, Institute of Psychiatry, London. <i>The hypothalamic control of the secretion of anterior pituitary hormones.</i>
(279) 1955-1957	PETER CHRISTOPHER CALDWELL, M.A., D.PHIL. Oxford, F.R.S. Reader in Zoology, Department of Zoology, University of Bristol. <i>The mechanism of muscular contraction in Crustacea.</i>
(280) 1955-1958	RAYMOND-HENRI COTE, B.A., B.APP.SC., D.SC. Laval, Quebec. Research Assistant, Dept. de Microbiologie, Laval, Quebec. Former Research Student, l'Institut Pasteur, Paris. <i>The chemical constitution of human blood group substances of the A, B and O Lewis Systems.</i>
(281) 1955-1958	JOHN MARTIN LOWENSTEIN, B.SC. Edinburgh, PH.D. London. Professor of Biochemistry, Brandeis University, Mass., U.S.A. Former Research Associate in Physiological Chemistry, University of Wisconsin, U.S.A. <i>The metabolism of nucleoside polyphosphates.</i>
(282) 1955-1958	RONALD WHITTAM, M.A. Oxford, PH.D. Sheffield and Cambridge. B.SC. Manchester. Professor of Physiology, University of Leicester. Former University Lecturer in Biochemistry, Oxford and John Stokes Research Fellow, University of Sheffield. <i>The metabolism of adenine nucleotides in relation to the active transport of inorganic ions.</i>
(284) 1956-1960	JAMSHED RUSTOM TATA, B.SC. Bombay, D.SC. Paris, M.SC. Bangalore. F.R.S. Member of Medical Research Council staff, National Institute for Medical Research, London. <i>Normal and abnormal metabolic pathways of the thyroid hormones.</i>
(285) 1956-1959	VIVIAN CECIL ABRAHAMS, B.SC., PH.D. Edinburgh. Professor of Physiology, Queen's University, Kingston, Ontario. <i>The physiology and pharmacology of the hypothalamus, with special reference to the control of water balance.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(286) 1956-1960	TREVOR FRANK SLATER, M.SC., PH.D. D.SC. London, F.I.BIOL., F.R.I.C. Professor of Biochemistry, Brunel University. Formerly Senior Lecturer in Chemical Pathology, University College Hospital Medical School, London. <i>Enzymes of the lactating mammary glands and the biosynthesis of milk proteins.</i>
(287) 1956-1958	GEORGE ALEXANDER JAMES GOODLAD, B.SC., PH.D. Glasgow Lecturer in Biochemistry, University of St. Andrews. Former Assistant Lecturer, University of Glasgow. <i>The effect of the tumours on the protein metabolism of the host tissues.</i>
(288) 1956-1958	IAN OSWALD, M.A., M.D., Cambridge, D.SC. Edinburgh, D.P.M. Reader, Department of Physchiatry, University of Edinburgh. <i>Sleep as a reaction to unpleasant and rhythmic stimuli; and arousal from sleep determined by the "significance" of the stimulus.</i>
(290) 1957-1958	SRINIVASA VARADARAJAN, M.A Madras, M.SC. Andhra, PH.D. Delhi, PH.D. Cambridge, F.R.I.C London, F.A.SC Research Director, Hindustan Lever Limited, Bombay, and Director Hindustan Lever Research Centre, Andheri East, Bombay <i>Nucleotide metabolism in cancerous and normal tissues</i>
(291) 1957-1959	PAULINE MAVIS MEADOW, M.A Oxford, PH.D. London, Reader in Biochemistry, University College, London <i>The structure and synthesis of bacterial cell walls, with special reference to amino acid and amino sugar components</i>
(292) 1958-1961	PHOEBE MARY COTES, B.SC, PH.D, M.B, B.S LONDON, L.R.C.P., M.R.C.S Member of the Scientific staff, National Institute for Medical Research. <i>The formation of red blood cells and haemoglobin in cultures of bone marrow in normal and uraemic persons.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(293) 1958-1961	JOHN GRAHAM NICHOLLS, F.R.S, B.SC, PH.D, M.B, B.S London Professor of Pharmacology, University of Basle, Switzerland. Formerly Assoc. Professor of Neurobiology, Harvard Medical School, Boston. USA & Former Assoc. Professor of Physiology, Yale University School of Medicine. Formerly Fellow of Nat. Multiple Sclerosis Society, Neurophysiology Laboratory, Harvard Medical School, Boston, USA <i>The responses of the sensory nerve endings in mammalian muscle to stretch and mechanical stimulation</i>
(294) 1958-1961	GEORGE MAURICE ALBERT GRAY, B.SC., PH.D., D.SC. London Member of Scientific staff, MRC. Unit on the Experimental Pathology of Skin, The Medical School, University of Birmingham <i>The correlation of the phospholipid pattern with biological function in various animal tissues</i>
(295) 1958-1961	JOHN BERTRAND GURDON, F.R.S, M.A, D.PHIL C.R.C Molecular Embryology Unit, Zoology Dept, Cambridge University <i>Developmental potentialities of embryonic somatic nuclei, in amphibia, as revealed by transplantation into unfertilised eggs</i>
(296) 1958-1961 4th year 1961-1962	MARGARETHE MARIA ANTONIA HOLZABAUER-SHARMAN, M.D Graz, PH.D. Edinburgh, D.SC Principal Scientific Officer, Agricultural Research Council Institute of Animal Physiology, Barbraham, Cambridge <i>The adaptive regulation of aldosterone secretion in relation to brain and pituitary; and the identification of hormones of hypothalamic and posterior pituitary origin</i>
(297) 1958-1960	FRANK HENRY TAYLOR, B.SC. PH.D London Science Officer, British Council Brasil. Former Research Assistant, Department of Chemistry, Imperial College, London <i>The dynamic equilibria between unbound and combined lipid components of the red blood cell membrane; in relation to structure breakdown and permeability of the cell wall.</i>
(298) 1959-1961	WILFRED DONALD STEIN, B.SC, M.SC, PH.D Professor of Biophysics, Institute of Life Sciences, Hebrew University, Jerusalem <i>Isolation and identification of the component concerned in the movement of glycerol across the human red cell membrane.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(300) 1959-1961	<p>GEOFFREY LISTER ASHERSON, M.A, D.M, F.R.C.P, F.R.C.P.E, F.R.C. Path, D.C.H Head, Division of Immunological Medicine, Clinical Research Centre, Northwick Park. Former Reader in Department of Bacteriology, London Hospital Medical School <i>Autoantibody formation and the mechanism of immune tolerance.</i></p>
(301) 1959-1962 4th Year 1963-1964 Senior 1964-1965	<p>ERNST REINHARD HUENHS, M.D, PH.D, M.R.C.PATH Professor and Head of Department of Haematology, Medical School, University College London <i>An investigation of the proteins in normal and abnormal red blood cells with special reference to Thalassoemia</i></p>
(302) 1959-1962	<p>CECIL THOMAS GEORGE FLEAR, B.SC, M.B, CH.B, M.A, M.D, M.R.C.PATH Senior Lecturer and Consultant in Clinical Biochemistry, University of Newcastle-upon-Tyne <i>Investigation of water and electrolyte metabolism in congestive heart failure with particular reference to changes in composition of cellular fluids and their significance</i></p>
(303) 1960-1961	<p>JOHN ROYLE CASLEY-SMITH, D.PHIL. Oxon, D.SC, M.B, B.S. . Adelaide, F.R.M.S, F.R.S.M. Reader-in-Charge Electron Microscope Unit, University of Adelaide <i>The permeability of endothelium, an electron microscopic study of the passage of particles through blood capillary and lymphatic endothelial walls</i></p>
(304) 1960-1963	<p>PATRICK FINBAR FOTTRELL, M.SC, D.SC (NUI) PH.D Glasgow, M.R.I.A Professor of Biochemistry and Head of Department, University College, Galway. Senior Research Officer, Johnstown Castle Agricultural College, Wexford, Ireland. Former Research Assistant, Department of Biochem. University of Glasgow and N.I.H Fellow, Harvard Medical School <i>The mechanism of adaptive enzyme formation in normal and malignant animal cells maintained in culture</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(305) 1960-1963 4th year 1964	ARTHUR JENNISON ROWE, M.A, PH.D, F.R.M.S University Senior Lecture in Electron Microscopy, Dept. of Biochemistry, in charge of the Electron Microscope Laboratory, Adrian School of Biology, The University, Leicester <i>Characterisation of the contractile muscle protein, myosin as a particle in solution by means of an electron microscope study.</i>
(306) 1960-1962	GEOFFREY VINCENT FREDERICK SEAMAN, B.SC, London, PH.D. Cambridge, A.R.C.S, F.R.I.C, F.A.I.C Professor of Neurology and Biochemistry, Dept. of Neurology, University of Oregon, Health Sciences Centre, Portland, Oregon, USA <i>The surface chemistry of mammalian tissue cells.</i>
(307) 1960-1962	DAVID CHARLES WATTS, B.SC, M.SC, PH.D, D.SC Reader in Biochemistry, Guy's Hospital Medical School, London <i>Comparative studies on the sulphhydryl groups of phosphotransferases in relation to their role in enzyme mechanisms, enzyme evolution and the biochemical basis of phylogeny</i>
(308) 1961-1964	SOHAN SINGH HAYREH, M.B Punjab, M.S Punjab. PH.D Lond.F.R.C.S Ed, F.R.C.S.Lond Professor of Ophthalmology, University of Iowa Hospitals, Iowa City, USA, Formerly Reader Ophthalmology, University of Edinburgh and Consultant Ophthalmologist, Royal Infirmary, Edinburgh <i>The pathogenesis of papilloedema</i>
(309) 1961-1964	RUTH FRANCES ITZHAKI, B.SC London, M.SC London, PH.D London, M.A. Cantab Research Officer, Paterson Labs, Christie Hospital, Manchester and Accredited University Teacher, Manchester University. Former Hon. Lecturer, Manchester University. Former Wheldale Onslow Memorial Fellowship at Newnham College, Cambridge. <i>Studies on the structure and properties of nucleoproteins from rat thymus and the effect of ionizing radiation upon them</i>
(310) 1961-1964	RICHARD LAVERTY, M.SC, PH.D. New Zealand, M.N.Z.I.C. Associate Professor Dept. of Pharmacology, University of Otago, Medical School, Dunedin <i>The metabolism of catecholamines and other amines in nervous tissue</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(311) 1961-1963	COLIN WILLIAM FRASER McCLARE, M.A, PH.D Lecturer in Biophysics, Kings College, London. Died <i>Studies in the energy-transfer in nucleic acids</i>
(312) 1961-1963	STEVEN PETER RUSSELL ROSE, B.A Cantab. PH.D London, F.I. Professor of Biology, Open University, Milton Keynes. <i>Metabolism of phosphoproteins in brain and their relationship to the mechanism of cation transport</i>
(313) 1962-1965	MICHAEL RADCLIFFE LEE, M.A, Oxon, D.M, B.CH. Oxon, D.PHIL. Oxon, M.R.C.P. London Senior Lecturer in Medicine, University of Leeds and Honorary Consultant Physician to the Leeds General Infirmary. Formerly Managing Director Weddel Pharmaceuticals; Lecturer in Medicine at Oxford University and St. Thomas's Hospital Medical School. One time Somerset Thornhill Scholar of Brasenose College Oxford and Entrance Scholar in Medicine, Manchester University. <i>Studies on the renin/angiotensin system in health and disease.</i>
(314) 1962-1965	PHILIP PALIN DENDY, B.A, PH.D Reader in Biomedical Physics, University of Aberdeen. <i>The effects of ultraviolet microbeam irradiation on nucleic acid synthesis in both normal and malignant mammalian cells growing in tissue culture.</i>
(315) 1962-1965	DAVID GOMPertz, M.D, PH.D, MRC. PATH, M.F.O.M Deputy Director, Occupational Medicine & Hygiene Laboratory, Health & Safety Executive. Former Senior Lecturer & Consultant in Biochemical Genetics, Royal Post-graduate Medical School and Lecturer in Biochemistry, University College London <i>The hormonal control of the pattern of fatty acid biosynthesis</i>
(316) 1962-1965	GEORGE FERDINAND ROWLAND, B.SC, PH.D Senior Research Investigator, Lilly Research Centre Ltd, Windlesham, Surrey <i>Changes in chemical composition and metabolism of liver nuclei and sub- nuclear fractions from rats fed on various hepato-carcinogens.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(317) 1962-1965	SHEILA MARGARET DAY (Mrs. Allen) B.SC. London, D.PHIL Oxon Former Research Assistant, Department of Pharmacology, Royal College of Surgeons of England. <i>A study of the factors which influence the uptake and binding of amines in neoplastic mast cells, in normal mast cells and in smooth muscle.</i>
(318) 1962-1964	ERIC ARTHUR NEWSHOLME, M.A, PH.D. Cambridge Lecturer in Biochemistry, Oxford University. Tutorial Fellow in Biochemistry, Merton College, Oxford. <i>An investigation into the properties of the enzyme fructose-1, 6-diphosphatase from rat liver, in relation to control of glucose formation in this tissue.</i>
(319) 1962-1964	JONATHAN SEMPLE WIGGLESWORTH, B.A, M.D, D.CHIR. Cambridge, F.R.C.PATH Reader in Paediatric Pathology, Hammersmith Hospital. Former Lecturer in Pathology, University College Hospital Medicine School, London <i>Studies of the human placenta and foetus in relation to growth retardation and investigation of the mechanism and effects of intra- uterine growth retardation in animals.</i>
(320) 1963-1966	WILLIAM BRYAN JOHN BROOM, M.B, B.S London Clinical Research Assistant, Vet. Admin. Hospital, Syracuse, N.Y, USA <i>An investigation into the effects of carbon dioxide on blood flow and oxygen utilisation, with particular reference to temperature control, asphyxia and organic vascular occlusion</i>
(321) 1963-1966	MICHAEL DONAL CASEY, M.B, CH.B, M.D Locum Registrar in Renal Unit, East Birmingham Hospital. Formerly Lecturer, Department of Human Genetics, University of Sheffield. <i>An investigation of the incidence of sex chromosome abnormalities in hospitals for psychiatric patients requiring special security.</i>
(322) 1963-1964	WILLIAM LYALL FORD, M.A, D.PHIL, Oxford M.SC. Manchester, M.B, CH.B, F.R.C.P. Edinburgh Professor of Experimental Pathology, University of Manchester. <i>The role of lymphocytes in immune responses; in particular graft-versus- host reactions and the traffic of lymphocytes.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(323) 1963-1966	TRICHUR KRISHNA SUNDARAM, B.SC. (HONS) PH.D Senior Lecturer, Biochemistry Dept, Manchester University, Institute of Science and Technology <i>Studies on interallelic complementation at am locus in Neurospora crassa and on structural modifications in glutamate dehydrogenase following genetic reversions and mutations at this locus.</i>
(325) 1963-1966	DAVID FRANKS, B.SC. Birmingham, PH.D. Cambridge. Lecturer, Immunology Division, Pathology Department, University of Cambridge. <i>Antigenic structure of cells in culture</i>
(326) 1963-1964	EDWARD KEITH MATTHEWS, B.PHARM. Nottingham, M.A. Cambridge, PH.D London University Reader, Pharmacology Dept, Cambridge University. Fellow, College Lecturer and Director of Studies in Pharmacology and Physiology, St. John's College, Cambridge <i>The electro-pharmacology of chromaffin cells.</i>
(327) 1964-1966	JOHN GWYN EDWARDS, B.SC, PH.D, London Senior Lecturer, Department of Cell Biology, University of Glasgow. Former Assistant Lecturer, Biochemistry Dept, UCL. <i>Studies of patterns of R.N.A synthesis in relation to enzyme induction in Pseudomonas aeruginosa</i>
(328) 1964-1967	DAVID MICHAEL GILL, M.A, PH.D, Cambridge. Formerly Research Assistant, Department of Radiotherapeutics, Cambridge University. <i>Synthesis of nuclear proteins</i>
(329) 1964-1966	TERENCE PATRICK HALLINAN, B.SC, M.SC, PH.D. Glasgow. Holder of Queen Elizabeth II Fellowship, University of Sydney, N.S.W. Australia <i>Effect of vitamins A and E on the structure and function of endoplasmic reticulum membranes</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(330) 1964-1965	JOSEPH GUSTAVE HALL, M.B, B.S, M.R.C.S, L.R.C.P, London, PH.D. (A.N.U) D.SC London, F.R.C.PATH Reader in Immunology, Chester Beatty Research Institute, Hon. Consultant in Pathology, Royal Marsden Hospital, Sutton, Surrey <i>Studies of the lymph-borne cells of the immune response in sheep and</i>
(331) 1964-1966	BERTRAM LESLIE ARDILL, B.SC, M.D, Belfast, F.R.C.S. District Administrative Medical Officer, North and West Belfast District, Royal Victoria Hospital, Belfast. Died 1977 <i>Circulatory responses to changes in the physical properties of blood.</i>
(332) 1965-1968	DAVID LEONARD DOXEY, PH.D, B.V.M&S, M.R.C.V.S Edinburgh Senior Lecturer in Veterinary Medicine, University of Edinburgh. <i>The in-vitro response of lymphocytes to antigens.</i>
(333) 1965-1968 4th Year 1968-1969	CLARE BERNADETTE MODELL (nee McLoughlin) B.A, M.A, Oxon, PH.D, M.B. D.CHIR. Cantab, M.R.C.PATH, Consultant in Perinatal Medicine, Department of Obstetrics and Gynaecology, Faculty of Clinical Sciences, University College, London <i>The disturbance of hoemoglobin synthesis in Thalassoemia</i>
(334) 1965-1967	JAMES AUGUSTINE M. KIRRANE, M.D, PH.D. (NUI) Lecturer in Pathology, University College, Dublin, Consultant Pathologist, Mater Misericordiae Hospital, Dublin <i>Immunological studies of collagen.</i>
(335) 1965-1966	MICHAEL ROBERT HOLLOWAY, B.SC, London, PH.D Reader, Biochemistry Department, University College, London. <i>An investigation of the structure and mechanism of the action of glyceraldehyde-3-phosphate dehydrogenase from Homarus vulgaris</i>
(336) 1965-1968	NUTAN PERSAUD BISHUN, B.SC, PH.D, London Senior Lecturer and Head, Tissue Culture, Cytogenetics Unit. Research Dept, Marie Curie Mem. Fdn, The Chart, Oxted, Surrey <i>Cytogenic studies in congenital and neoplastic diseases</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(337) 1965-1968 4th Year 1968-1969	<p>RAMESH KUMAR, M.D, Cantab, PH.D, M.PHIL. London. M.R.C.PSYCH Senior Lecturer, Institute of Psychiatry, London. Hon. Consultant Psychiatrist, Bethlem Royal and Maudsley Hospitals. Hon. Senior Lecturer & Hon. Consultant Psychiatrist, King's College Hospital. Hon. Senior Lecturer and Hon. Consultant Psychiatrist, University College Hospital and Hon. Lecturer, Dept. Pharmacology, University College London. <i>Effects of psycho-active drugs on experimentally induced fear.</i></p>
(338) 1965-1966	<p>WILLIAM NELSON ADAMS SMITH, M.B, CH.B, (UNZ), M.A, D.PHIL, Oxon, M.D, Otago. Medical Practice at 244 St. Heliers Bay Road, Auckland 5, New Zealand <i>The investigation of the influence of sex hormones on the maturation of the brain.</i></p>
(339) 1965-1968	<p>AMARENDRA KUMAR SINGH, M.B, B.S. Patna, PH.D. London Senior Lecturer in Haematology, St. Thomas's Hospital Medical School, London <i>Studies on iron metabolism with particular reference to iron stores.</i></p>
(340) 1966-1969	<p>JOHN SIMON GILBERT MILER, M.A, D.PHIL. Oxford, BM., B.CH Professor of Anatomy, Newcastle-upon-Tyne University. <i>Studies on the transmission of sensory information from the skin and from muscles to the cerebellum and cerebeal corte.</i></p>
(341) 1966-1969	<p>PATRICK ANTHONY RILEY, M.B, B.S, PH.D. London. M.R.C.PATH, F.I.BIOL. Reader in Cell Pathology, University College Hospital Medical School, London <i>Investigation of the melanocyte-Langerhans cell system in relation to the mechanisms of cellular transformation</i></p>
(342) 1966-1969	<p>CHRISTOPHER FORBES GRAHAM, F.R.S, M.A, D.PHIL. Oxford Lecturer, Zoology Department, University of Oxford <i>Nuclear cytoplasmic interactions during early mammalian development</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(343) 1966-1969	DAVID FRANCIS SALAMAN, B.A, M.A, PH.D. Cambridge. Formerly Research Associate, Department of Anatomy, University of Bristol Medical School. <i>Some actions of hormones on RNA synthesis in endocrine tissues.</i>
(344) 1966-1969	DAVID LOUDON BLOXAM, B.A. Cantab, PH.D. London Lecturer, Institute of Obstetrics and Gynaecology, Queen Charlotte's Hospital, London <i>The transport of amino acids and the influence of the urea cycle on the synthesis of glucose from amino acids in the isolated perfused rat liver.</i>
(345) 1966-1969	GAJANAN VENKATRAMANAYA SHERBET, M.SC, London, B.SC, M.SC, PH.D. Poona, M.I.BIOL. Dept, Biochemical Pathology, University College Hospital Medical School, London. Formerly Member of Scientific Staff, Chester Beatty Research Institute: Institute of Cancer Research, London and Williams Fellow for Medical Research, London University. <i>Role of follicle-stimulating hormone in morphogenesis of the chick embryo.</i>
(346) 1966-1969	HENRY MICHAEL SNOW, B.SC, PH.D, Leeds. Biologist I.C.I. Pharmaceuticals Div, Alderley Park, Macclesfield, Cheshire. <i>The effect of hypoxia on pulmonary vasomotor activity with special reference to constriction of pulmonary veins.</i>
(347) 1967-1970	JOHN HUBERT STEADMAN, M.B, B.S, M.SC. London. Department of Clinical Haematology, University College Hospital Medical School, London <i>The mechanism and control of the assembly of the haemoglobin molecule.</i>
(348) 1967-1969	JEAN OLWEN THOMAS, F.R.S, B.SC, PH.D. Wales, M.A. Cantab, C.CHEM, M.R.S.C, C.B.E. Professor of Macromolecular Biochemistry, University of Cambridge formerly University Lecturer, Dept. of Biochemistry, Cambridge. <i>Investigation of the nature of the active site of the enzyme glyceraldehyde 3-phosphate dehydrogenase.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(349) 1967-1968	ARTHUR JOHN HARRIS, B.SC. Hons, Otago, PH.D. London. Assoc. Professor in Physiology, University of Otago Medical School, Dunedin, New Zealand <i>The trophic relations between nerves and muscles.</i>
(350) 1967-1969	DAVID COOPER, B.SC, PH.D. London. Senior Scientific Officer, John Innes Institute, Norwich, Norfolk. Former Research Associate, The Rockefeller University, New York. Died October 1975. <i>An investigation into the biochemical mechanisms of resistance to inhibitors of protein synthesis in mutants of Saccharomyces cerevisiae.</i>
(351) 1967-1970	MICHAEL ARTHUR SIMMONDS, B.Pharm, PH.D. London Department of Pharmacology, School of Pharmacy, London WC1 <i>Drug receptors in the central nervous system.</i>
(352) 1967-1970	SHEENA MARGARET JOHNSON, B.SC, PH.D. London. Division of Immunological Medicine, MRC Clinical Research Institute, Watford Road, Harrow. <i>The thermodynamics of transport across membranes.</i>
(353) 1967-1970	BRENDON WILHELM MELDER GOONERATNE, M.B, B.S Ceylon, D.A.P.E, PH.D. London Formerly Senior Lecturer, Dept. of Parasitology, University of Ceylon, Peradeniya. Presently in Private Practice in Australia. <i>The life cycle of Cardiofilaria in mosquitoes and chicks.</i>
(354) 1968-1971 4th year 1971-1972	DAVID MICHAEL SHOTTON, B.A, M.A, PH.D. Cantab. Lecturer in Cell Biology, Dept. of Zoology, Oxford. <i>The determination by X-ray diffraction studies of the three-dimensional molecular structure of crystalline elastase.</i>
(355) 1968-1971	ALAN GEOFFREY BROWN, B.SC, M.B, CH.B, PH.D. Edinburgh. Reader in Veterinary Physiology, University of Edinburgh. <i>An electrophysiological investigation of cutaneous sensory mechanism in the spinal cord of mammals.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(356) 1968-1971	IAN AITKEN ROSS MORE, B.SC, PH.D, M.D, M.R.C.PATH. Senior Lecturer, Pathology Department, Western Infirmary, Glasgow. <i>The ultrastructure of mammalian chromatin in relation to the transcription of messenger RNA</i>
(357) 1968-1971	BERNARD WALKER SENIOR, B.SC, PH.D. Newcastle. Lecturer, Bacteriology Dept, University of Dundee. <i>Mode of action of colicin E3 in relation to the functional organisation of the cytoplasmic membrane of Escherichia Coli.</i>
(358) 1968-1971	PAUL JAMES ENGLAND, B.SC, PH.D. Bristol Lecturer, Biochemistry Dept, University of Bristol. <i>Control of the size of the Hexose-monophosphate pool in muscle.</i>
(359) 1968-1970	G.RAMA KRISHNA SASTRY, B.SC, ASSOC. I.A.R.I. India, M.S. PH.D. Wisconsin, USA Lecturer in Genetics, University of Leeds. <i>Mechanisms of somatic mutations in plants.</i>
(360) 1968-1971	PAUL ROBERT HARRISON, M.A, PH.D. Cambridge. Senior Research Scientist, The Beatson Institute for Cancer Research, Glasgow. <i>RNA metabolism in the nuclei of normal and tumour cells.</i>
(361) 1969-1972	ERIC CUNDLIFFE, B.A, M.A, PH.D. Cambridge. Reader in Biochemistry, Medical School, Leicester University <i>Investigation of the mechanisms of protein synthesis in bacteria.</i>
(362) 1969-1972	FREDERICK WERNER FLITNEY, B.SC, Leicester, PH.D, London. Senior Lecturer in Physiology & Pharmacology, University of St. Andrews <i>Optical changes in skeletal muscle resulting from controlled length changes applied to resting muscle and from stimulation.</i>
(363) 1969-1971	BRIAN GRIBBIN, B.D.S, M.B, CH.B. St. Andrews, F.R.C.P, London. M.D, Dundee. Consultant Physician, Dept of Cardiovascular Medicine, John Radcliffe Hospital, Oxford. <i>A study of baroreflex function and arterial distensibility in normal and hypertensive man.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(364) 1969-1971	SIMON JOHN STOLLARD HARDY, B.A, Cambridge, PH.D. Wisconsin. Lecturer, Biology Department, York University. <i>Investigation of ribosome structure and assembly and association of ribosomes with membranes in E. Coli.</i>
(365) 1969-1972	ERIC HUGH HARLEY, M.D, M.SC, PH.D, B.S. London. Associate Professor, Dept. of Chemical Pathology, University of Cape Town Medical School, Observatory, South Africa. <i>The Study of nucleic acid synthesis in malignant and non-malignant cells in tissue culture.</i>
(366) 1969-1972	DOUGLAS IAN McCLOSKEY, B.SC. (MED), M.B, B.S. Sydney, D.PHIL, Oxford, D.SC, U.N.S.W, F.R.A.C.P. Professor, School of Physiology and Pharmacology, University of New South Wales, Sydney. <i>Mechanisms of excitation in arterial chemoreceptors.</i>
(367) 1969-1972	MICHAEL BERNARD MATHEWS, B.A. PH.D. Cambridge Senior Scientist, Cold Spring Harbour Laboratory, New York, USA. <i>A study of viral RNA-directed protein synthesis in a mammalian cell-free system.</i>
(368) 1969-1972	ANN JOSEPHINE MILNER, B.SC, PH.D. Cambridge Department of Biochemistry, Cambridge University. <i>Mitochondrial differentiation in ACTH-sensitive cells.</i>
(369) 1969-1972	DAVID GORDON WHITTINGHAM, B.SC, B.VET.MED, PH.D. London, F.R.C.V.S MRC. Labs, Woodmansterne Road, Carshalton, Surrey. <i>A study of the preimplantational stages of pregnancy in the mammal using the culture system.</i>
(370) 1970-1973	YEHUDA KALMAN LEVINE, M.A. Oxford, PH.D. London. Professor of Biophysics, University of Utrecht, Netherlands. Formerly at Physical Chemistry Dept, Leeds University and Physiological Laboratory, Cambridge University. <i>X-ray diffraction and magnetic resonance spectroscopy of cell membrane structure and studies of membrane fusion.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(371) 1970-1973	WILLIAM MONTAGUE, B.A, M.A. Cambridge, PH.D. London. Biochemistry Dept, School of Biological Sciences, Sussex University. <i>The relationship between cyclic AMP and the secretion of insulin by the Islets of Langerhans.</i>
(372) 1970-1971	ANTHONY CHARLES RONALD SAMSON, B.SC. University College, London. PH.D. Leicester. Damson Runyon Research Fellow, Bacteriology Department University of California, Los Angeles. Lecturer, Genetics Dept, University of Newcastle-upon-Tyne. <i>Membrane structure and function in E-coli.</i>
(373) 1970-1973	DAVID JOHN WARREN, B.SC. Sheffield, B.M, B.CH. Oxford. M.R.C.P.D.PHIL. Consultant Nephrologist and Senior Lecturer in Nephrology, Department of Renal Medicine, University of Southampton, St. Mary's Hospital, Portsmouth. Formerly in Dept. of the Regius Professor of Medicine, Radcliffe Infirmary, Oxford. <i>Disorders of the renal function and electrolyte balance.</i>
(374) 1970-1973	MICHAEL THOMAS WILSON, B.SC, M.SC, PH.D. East Anglia. Senior Lecturer, Biological Chemistry, University of Essex, Colchester. <i>The mode of action of redox proteins.</i>
(375) 1970-1973	MICHAEL ROY CARLTON WINTER, B.SC, M.SC. London, D.PHIL. Oxon I.C.I Pharmaceuticals Ltd, Mereside, Alderley Park, Macclesfield, Cheshire. Formerly at Biochemistry Dept, University of Birmingham. <i>The nature of the molecular interactions responsible for muscle contraction.</i>
(376) 1970-1973	CHRISTOPHER THOMAS KIRKPATRICK, B.SC, M.B, B.CH, B.A.O, M.D, Belfast. Lecturer in Physiology, Queen's University, Belfast <i>The effect of the partial pressure of carbon dioxide and oxygen on the electrical and mechanical activity in smooth muscle from the trachea.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(377) 1970-1973	MICHAEL ALAN CHESTER, B.TECH. Loughborough, M.SC. Warwick, PH.D. London, C.Chem, M.R.I.C, F.R.C.S Institute of Clinical Chemistry, University Hospital, Lund, Sweden. Formerly Lister Institute of Preventive Medicine, London <i>A study of gene regulation in mammalian tissues.</i>
(378) 1970-1973	GLENN ERIC MORRIS, B.A. Cambridge, D.PHIL. Sussex. Department of Genetics, University of Sussex. <i>Control of protein biosynthesis during cell differentiation</i>
(379) 1970-1973	GILIAN MARGARET AIR, B.SC. Sydney, PH.D. N.S.W Dept. of Microbiology, University of Alabama, Birmingham, , Alabama, USA. Formerly MRC Laboratory of Molecular Biology, Cambridge. <i>The chemical structure of RNA-polymerase and bacteriophage OX-174 proteins.</i>
(380) 1970-1973	MICHAEL JOHN CLEMENS, B.SC Bristol, D.PHIL. Sussex. M.I.T. Cambridge, Mass. Formerly National Institute for Medical Research, Mill Hill, London. <i>Hormonal and nutritional control of protein synthesis.</i>
(381) 1971-1974	MALCOLM BURROWS, F.R.S, B.A, M.A, Cambridge, PH.D. St Andrew's. Dept. Zoology, University of Cambridge, formerly Dept. of Zoology, University of Oxford. <i>Neuronal mechanisms of behaviour.</i>
(382) 1971-1974	ELLIOT BAILIN GINGOLD, B.SC. (HON) PH.D. Monash University. Department of Genetics, Hatfield Polytechnic. <i>A study of the genetics of cell differentiation.</i>
(383) 1971-1973	STEPHEN BALDWIN HLADKY, B.A. Dartmouth College, USA. B.A Cambridge, PH.D. Camb., Department of Pharmacology, Cambridge, <i>Studies of the ion transport functions of model compounds and of specific complexes from cell membranes.</i>
(384) 1971-1974	CLIVE WAYNE LLOYD, B.SC. University of Wales, PH.D. Department of Cell Biology, The John Innes Institute, Norwich. <i>A study of the role of surface carbohydrate chemistry in cell adhesions.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(385) 1971-1973	ALASTAIR ROBERT MICHELL, B.SC, B.VET.MED, PH.D. London. Professor of Applied Physiology and Comparative Medicine, The Royal Veterinary College, University of London. <i>The behavioural alteration of dietary composition appropriate to changes in bodily requirements; salt appetite.</i>
(386) 1971-1973	ALAN ROBERT LEHMANN, B.A. Cambridge, PH.D. London. Department of Biochemistry, University of Sussex. <i>DNA replication and repair in mammalian cells.</i>
(387) 1971-1974	MARTIN CAMPBELL GREGORY, B.MEDICAL SCIENCE Otago University, B.A, B.M, B.CH. Oxford, M.R.C.P, D.PHIL, Oxon. Nephrologist Groote Schuur Hospital, Capetown, formerly Department of Regius Professor of Medicine, Radcliffe Infirmary. <i>The role of Renin and Angiotensin in the control of renal blood flow.</i>
(388) 1972-1973	NICHOLAS JAMES BREWIN, M.A. Cantab. Imperial Cancer Research Fund, Mill Hill, London. <i>The molecular mechanism of DNA replication in bacteria.</i>
(389) 1972-1975	DAVID ARTHUR EAST, B.A, M.B, B.CH. Cambridge, B.SC, London. MRC. Laboratory of Molecular Biology, Cambridge. <i>The dynamics of folding of proteins and the rules relating peptide sequence to functional conformation.</i>
(390) 1972-1975	RICHARD TIMOTHY HUNT, M.A, PH.D. Cambridge., F.R.S. Group Head, Cancer Research UK, South Mimms formerly Biochemistry Department, University of Cambridge. Nobel Laureate 2001. <i>Control of eukaryotic protein synthesis.</i>
(391) 1972-1975	JONATHAN BRYAN WAKERLY, B.SC. Nottingham, PH.D. ARC Institute of Animal Physiology, Babraham. Formerly Department of Anatomy, University of Bristol. <i>The control of oxytocin and vasopressin release by neural pathways involving the paraventricular and supraoptic nuclei of the hypothalamus.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(392) 1972-1974	ROBERT SHIELDS, B.A. Cambridge. D.PHIL. Sussex. Unilever Research, Colworth Laboratory, Sharnbrook, Bedford. <i>A study of the mechanism of growth regulation in normal and malignantly transformed cells.</i>
(393) 1972-1975	ANTHONY MEAGER, B.SC. Aberdeen, PH.D Warwick. Div. Biochemistry, National Institute for Medical Research, Mill Hill, London. <i>An investigation into the nature of cell surface receptors for DNA viruses, plant lectins and other substances which interact with the cell surface.</i>
(394) 1973-1975	NICHOLAS COWAN, B.A. Keele, D.PHIL, Oxon. Professor, Dept. of Biochemistry, New York University <i>Studies on the messenger RNA encoding immunoglobulin heavy and light chains.</i>
(395) 1973-1976	CHRISTOPHER HENRY DARNBROUGH, M.A, PH.D. Camb. Dept. of Molecular Biology, University of Edinburgh. <i>The role of polyA associated RNA in oogenesis and development in Xenopus.</i>
(396) 1973-1975	PHILIP MICHAEL DEAN, B.SC. Leeds, PH.D. Cantab. Dept of Pharmacology, University of Cambridge. <i>An investigation of the mechanism and kinetics of hormone secretion by exocytosis.</i>
(397) 1973-1975	DAVID VAUGHAN GRIFFITHS, B.SC, PH.D. Nottingham. Lecturer in Chemistry, University of Keele. Formerly at National Institute for Medical Research, Mill Hill, London. <i>N.M.R. Study of the Inhibition of Dihydrofolate Reductase.</i>
(398) 1973-1976	VERONICA VAN HEYNINGEN, B.A, M.A, Cambridge, M.S. North-Western Univ. Illinois, D.PHIL, Oxon. MRC Clinical & Population & Cytogenetics Unit, Western General Hospital, Edinburgh. <i>Chromosome-specific DNA sequences in somatic cell hybrids and mechanism of methotrexate-resistance in cultured cells.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD <i>Nature of Authorised Research</i>
(399) 1973-1975	CHRISTOPHER DAVID TOWN, B.A. Cambridge, M.S.C, PH.D. I.C.R.F. Laboratories, Mill Hill, London, formerly at Dept. of Molecular Biology, Edinburgh University. <i>Control of cell differentiation and pattern formation in the cellular slim mould Dictyostelium discoideum.</i>
(400) 1973-1974	MICHAEL ALAN BILLET, B.SC, PH.D Bristol. Lecturer in Biochemistry, University of Nottingham. Formerly at Dept. of Agricultural Science, Oxford University. <i>Chromatin condensation and gene expression in eukaryotes, and interaction of chemical catcinogens with chromatin.</i>
(401) 1973-1977	PIERS CHRISTOPHER EMSON, B.SC. Wales, M.SC, London, D.I.C. Imperial College, PH.D. Southampton. M.R.C. Neurochemical Pharmacology Unit, Dept. of Pharmacology, University of Cambridge. Formerly at M.R.C. Brain Metabolism Unit, Edinburgh. <i>Application of microchemical and histochemical techniques to the study of cobalt induced epilepsy in the rat brain. Study of degenerative and regenerative changes in the rat brain.</i>
(402) 1973-1976	ANDREW McDOUGALL HOLMES, B.SC. Manchester, PH.D. London Biochemistry Dept. Strathclyde University. Formerly at Biochemistry Dept. University College, London. <i>Studies on the structure of the high molecular weight soluble DNA polymerase, DNA polymerase -, from mammalian sources.</i>
(403) 1974-1976	CHRISTOPHER DOUGLAS GREEN, B.A, M.A, D.PHIL, Oxford. Lecturer in Biochemistry, Liverpool University. Formerly at National Institute for Medical Research, Mill Hill, London. <i>Study of the regulation of amphibian yolk protein by steroid hormones.</i>
(404) 1974-1976	ANDREW PHILIP HALESTRAP, B.A, M.A. Cambridge, PH.D. Bristol. Lecturer, Biochemistry Dept. University of Bristol Medical School. <i>An investigation of the pyruvate transporter of mitochondrial and plasma membranes.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD Nature of Authorised Research
(405) 1974-1977	JOHN RICHARD RHODES, B.SC, PH.D. London. Dept. of Experimental Immunobiology, Wellcome Research Labs, Beckenham, Kent <i>Tumour Immunology</i>
(406) 1974-1977	BARBARA MARY FRANCES PEARSE, B.SC, PH.D. London. M.R.C. Laboratory of Molecular Biology, Cambridge University. <i>An investigation of the chemical and physical properties of coated vesicles.</i>
(407) 1974-1976	ELIZABETH CLIFTON CARTWRIGHT, B.SC, PH.D London. Dept. of Biochemistry, Monash University, Victoria, Australia. <i>An investigation of the synthesis and cellular mechanism of secretion of collagenase</i>
(408) 1974-1976	ROBERT TREVOR ROWLANDS, B.SC, Leicester. PH.D. Bristol. Panlab Genetics Inc, Bellevue, Washington, USA. <i>A study of mitochondrial biogenesis in Aspergillus nidulans.</i>
(409) 1974-1977	JILL ROSEMARY THOMPSON, B.SC, Bristol, PH.D. London Dept. of Biochemistry, Leicester University. <i>Studies in elucidating the mechanism of action of plant hormones at the gene level.</i>
(410) 1975-1978	ALAN BETTERIDGE, B.SC, D.PHIL. Sussex. Division of Immunochemical Genetics, C.R.C. Harrow. <i>The mechanism of action of hypothalamic releasing hormones.</i>
(411) 1975-1978	ROBIN FRANCIS IRVINE, M.A, Oxford, PH.D. Cambridge. Senior Scientific Officer, A.R.C, Institute of Animal Physiology, Babraham, Cambridge. <i>The role of phospholipid exchange in membrane synthesis and differentiation.</i>
(412) 1975-1978	CHARLES WILLIAM PENN, B.SC, Liverpool, PH.D, C.N.A.A. Dept. of Microbiology, University of Birmingham. <i>Antigenic structure and immunising activity of Neisseria gonorrhoeae in vivo.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD Nature of Authorised Research
(413) 1975-1978	NICHOLAS JARVIS PROUDFOOT, B.SC. London, PH.D. Cambridge. M.R.C. Laboratory of Molecular Biology, Cambridge University. <i>The non-coding sequences of mammalian mRNA</i>
(414) 1975-1977	JANET ROSSANT, M.A, Oxford, PH.D, Cambridge. F.R.S. Professor, Dept. of Molecular and Medical Genetics and Dept. of Obstetrics and Gynaecology, University of Toronto. Formerly Associate Professor, Dept. of Biological Sciences, Brock University, Ontario, Canada. <i>An investigation into determination and differentiation in the early post- implantation mammalian embryo.</i>
(415) 1975-1978	STUART GRAHAM CULL-CANDY, B.SC, M.SC. London, PH.D, Glasgow. Senior Lecturer, Dept. of Pharmacology, University College, London. <i>Neuromuscular transmission in normal and myasthenic human muscle. Glutamate receptors in locust muscle.</i>
(416) 1975-1978	JOHN FREDERICK ILES, B.A, M.A, D.PHIL, Oxford. University Lecturer in Zoology and Fellow of St. Hugh's College, Oxford <i>An investigation of some factors influencing the efficacy of synaptic transmission in the mammalian central nervous system.</i>
(417) 1976-1979	CLIVE LIEGHTON BUNN, B.SC, PH.D. Monash University. Biotechnology Australia Pty. Ltd. Roseville, NSW, Australia. <i>The cytoplasm and cytoplasmic protein synthesis in cell ageing.</i>
(418) 1976-1979	RONA RUTH RAMSAY, B.SC. Edinburgh. Research Biochemist, University of California, San Francisco. <i>The mechanism of fatty acid uptake by heart mitochondria.</i>
(419) 1976-1978	MICHAEL CHARLES SUMMERS, B.SC, London, PH.D. Cambridge. Dept. of Biochemistry, University of Cambridge. <i>Synaptic regulation of biogenic amine levels.</i>
(420) 1976-1979	JEAN DUTHIE BEGGS, B.SC, PH.D. Glasgow.F.R.S. Institute of Cell and Molecular Biology formerly Dept. of Molecular Biology, University of Edinburgh. <i>The cloning, characterisation and manipulation of mini-circular eukaryotic DNA.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD Nature of Authorised Research
(421) 1976-1979	ARJUN SAHGAL, B.A, M.A, PH.D. Cambridge. M.R.C. Neuroendocrinology Unit, Newcastle General Hospital. <i>Neuropharmacological studies of limbic and subcortical systems in relation to learning and memory.</i>
(422) 1977-1980	SIMON BARNETT EASTERBROOK-SMITH, B.SC, Victoria. University of Wellington, N.Z. Dept. of Biochemistry, Oxford University. <i>Recognition and the immune response.</i>
(423) 1977-1980	MICHAEL ALAN FERENCZI, B.SC, London Dept. of Biochemistry & Biophysics, University of Pennsylvania, Philadelphia, USA. Formerly Physiology Dept. U.C.L. <i>The use of fluorescence in the study of contraction in skinned frog muscle fibres.</i>
(424) 1977-1980	FARZIN FARZANEH, M.SC, B.SC, Aberdeen, D.PHIL, Sussex Director, Dept. of Molecular Medicine, Rayne Institute, Kings College School of Medicine, London. <i>Detection and identification of the naturally occurring ADP-ribose acceptors.</i>
(425) 1977-1980	T.C. JAMES, B.SC, Kerala Univ, M.SC, PH.D. Banaras Hindu University, India. Dept. of Molecular Biology, Wesleyan University, Middletown, Conn. <i>Analysis of gene expression during development.</i>
(426) 1977-1979	PETER JOHN SIMMONS, M.A, Oxford, PH.D, Australia, N.U Dept. of Zoology, University of Newcastle-upon-Tyne. <i>The role of locust brain neurones in controlling flight.</i>
(427) 1978-1981	ANDREW MICHAEL DERRINGTON, B.A, Oxford, PH.D. Cambridge. Dept. of Physiological Sciences, Medical School, Newcastle-upon-Tyne. <i>The development of the visual system, visual physiology and psychophysics.</i>
(428) 1978-1981	JOHN KAYE HEATH, B.SC, Glasgow, D.PHIL. Dept. of Zoology, Oxford University. <i>Cell surface molecules in mammalian development.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD Nature of Authorised Research
(429) 1978-1980	BARRY ABRAHAM LEVINE, B.A, D.PHIL, Oxford. Dept. of Inorganic Chemistry, Oxford University. <i>Conformational states of the regulatory proteins of skeletal muscles.</i>
(430) 1978-1979	CHRISTOPHER JOHN KIRK, B.SC, PH.D, London. Reader in Biochemistry and Royal Society EPA-Cephalosporin Fund Research Fellow Centre for Clinical Research in Immunology and Signalling, Birmingham University Medical School. <i>Calcium mobilising receptors and phospholipid metabolism.</i>
(431) 1978-1981	GEOFFREY ALAN LYLES, B.A, PH.D. Cambridge Lecturer, Dept. of Pharmacology & Clinical Pharmacology, Ninewells Hospital, University of Dundee. <i>The effects of L-Dopa administration upon the activities and properties of monoamine oxidases in animal tissues.</i>
(432) 1979-1982	ANDREW CHRISTOPHER NEWBY, B.A, M.A. Cambridge, PH.D. Wales. Dept. of Cardiology, University of Wales, College of Medicine, Cardiff. <i>The role of adenosine in cellular regulation.</i>
(433) 1979-1982	SIMON BRIAN FISHEL, B.SC, Salford, PH.D, Cantab. Reader and Scientific Director, Research & Treatment Unit in Reproduction Dept. of Obstetrics & Gynaecology, Queen's Medical Centre, University Hospital, Nottingham. <i>Biochemical aspects of implantation.</i>
(434) 1979-1982	VIRGINIA JANE SANDFORD KARLSSON, B.A, Oxford, PH.D. Genetics Laboratory, Biochemistry Dept. Oxford University. <i>The role of the cell surface and cell lineages in growth regulation in development.</i>
(435) 1979-1980	ANDREW JOHN PARKER, M.A, PH.D. Cambridge. Lecturer in Physiology, Fellow and Tutor in Physiology, St. John's College, University Laboratory of Physiology, Oxford University. <i>Contrast sensitivity of cortical cells.</i>
(436) 1979-1981	JOHN DOUGLAS WATERFIELD, B.SC, M.SC, Brit. Columbia, Fil.dr. Karolinska Institute. Assoc. Prof. Dept. of Oral Biology, British Columbia University, Vancouver. <i>Acquisition of the T cell repertoire.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD Nature of Authorised Research
(437) 1980-1983	DAVID JOHN ADAMS, B.SC (HONS.I.) PH.D, Univ. of NSW. Department of Pharmacology, University College London <i>Mechanism of transmitter and antagonist action at acetylcholine receptors in skeletal muscle.</i>
(438) 1980-1983	IAN BROWN, B.SC, PH.D. Birmingham, M.A, M.B, B.CHIR.Camb. Research Labs. Radiotherapeutic Centre, Addenbrooke's Hospital. Cambridge University School of Clinical Medicine. <i>The development of metabolically directed potential high linear energy transfer(LET) endoradiotherapeutic drugs for malignant disease.</i>
(439) 1980-1981	JILL ELIZABETH GREASY, B.SC, PH.D. Sydney University. N.H and M.R.C. Principal Research Fellow, Biochemistry Dept. University of Sydney. Formerly at Physical Chemistry Laboratory, Oxford University. <i>Theoretical studies of the reaction and inhibition mechanisms of dihydrofolate reductase.</i>
(440) 1980-1983	ELINOR NANCY MILLER, M.A, PH.D. Cambridge, M.SC. Liverpool. Molteno Institute, Cambridge University. <i>Use of monoclonal antibodies to investigate antigenic variation in trypanosomes.</i>
(441) 1980-1983	ALEXANDRA MARIE THOMSON, B.SC, London, PH.D. Bristol. Physiology Dept. University College, Cardiff. <i>The pharmacology and electrophysiology of the supraoptic nucleus</i>
(442) 1981-1983	DAVID LEONARD BENTLEY, B.A. Cambridge. Hutchinson Cancer Research Centre, Seattle, Washington, USA. <i>Transcription and replication of experimentally constructed chromatin templates.</i>
(443) 1981-1984	STEPHEN ERIC KEARSEY, M.A, D.PHIL. Oxford. University Lecturer, Fellow, Keble College, Zoology Dept. Oxford University. <i>Transcription and replication of experimentally constructed chromatin templates.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD Nature of Authorised Research
(444) 1981-1984	DAVID IAN VANEY, B.SC, Canterbury Univ. New Zealand, PH.D, A.N.U. Australia. N.H.M.R.C. Senior Research Fellow, V.T.H. Research Centre, Queensland University, Brisbane, Australia. <i>Physiological and morphological characterization of neighbouring retinal neurones microscopically visualized in isolated mammalian retina</i>
(445) 1981-1984	JOHN VINCENT PRIESTLEY, B.A, Cambridge, D.PHIL. Oxford. Senior Lecturer, Dept. of Physiology, UMDS, St Thomas's campus, London. <i>Immunohistochemical localisation of transmitters and peptides in central pain pathways.</i>
(446) 1981-1983	PETER JOHN RICHARDSON, M.A, B.A, Oxford, PH.D. Cambridge Dept. of Pharmacology, Cambridge University. <i>Neurotransmitter-specific synaptosomes of mammalian brain.</i>
(447) 1982-1985	DAVID RICHARD BENTLEY, B.A. Cambridge. Head of Human Genetics for SANGER Centre, Hinxton, Cambridge. <i>Cloning and characterisation of the genetic structure and organisation of the human complement component C2.</i>
(448) 1982-1984	MARK LEE MAYER, B.SC, Bristol, PH.D. Cambridge. Head, Laboratory of Cellular and Molecular Neurophysiology, NICHD, Bethesda, USA. <i>Peptide-neurotransmitter interactions at the membrane level.</i>
(449) 1982-1985	ROBERT ANTONY HORSBURGH WHITE, B.A, D.PHIL, Oxford. Lecturer, Anatomy Dept. Cambridge University. <i>The role of the cell surface in the morphogenesis of the imaginal discs of Drosophila.</i>
(450) 1982-1985	COLIN WATTS, B.SC, Bristol. D.PHIL, Sussex. FRSE Professor of Immunobiology, Division of Cell Biology and Immunology, University of Dundee. <i>Membrane protein localization in animal cells: a genetic and biochemical study.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD Nature of Authorised Research
(451) 1982-1984	<p>PAUL ANTHONY GLEESON, B.SC, PH.D. MELBOURNE. Associate Professor/Reader, Russell Grimwade School of Biochemistry and Molecular Biology, University of Melbourne, Australia. <i>The use of a cleavable photolabile cross-linking reagent to study the uptake of protein by cells.</i></p>
(452) 1983-1985	<p>PHILIP JOHN HARRISON, B.SC, Bristol, PH.D. London. Senior Lecturer, Physiology Dept. University College London. <i>Multisynaptic excitatory actions of Group I muscle afferents.</i></p>
(453) 1983-1986	<p>COLIN DARNLEY McCAIG, B.SC, Edinburgh, PH.D, Glasgow. Regius Professor of Physiology, Dept. Biomedical Sciences, Institute of Medical Sciences, University of Aberdeen. <i>Studies on the effects of a small electric field in directing the growth of developing nerve and muscle.</i></p>
(454) 1983-1986	<p>PAULINE JOHNSON, B.SC, Liverpool, PH.D, Dundee. Professor, Dept. of Microbiology and Immunology, University of British Columbia, Vancouver. Formerly Salk Institute, La Jolla, California. <i>The role of carbohydrate in cell-cell interactions.</i></p>
(455) 1983-1985	<p>MICHAEL JOHN WAKELAM, B.SC, PH.D, Birmingham Professor of Molecular Pharmacology, University of Birmingham, CRUK Institute of Cancer Studies. Formerly at Biochemistry Dept, University of Glasgow. <i>Neuronal influence on muscle differentiation in vitro: myoblast fusion and receptor regulation.</i></p>
(456) 1983-1985	<p>ROBERT DENIS O'NEIL, B.SC, PH.D, University College Dublin. Professor, Dept. of Chemistry, University College Dublin <i>The application and development of linear sweep voltammetry in vivo.</i></p>
(457) 1984-1987	<p>ALLAN BRADLEY, B.A, PH.D, Cambridge., F.R.S. Director, The Wellcome Trust Sanger Institute, Cambridge, formerly Associate Professor Baylor College of Medicine, Houston. <i>Using cultured stem cells to construct transgenic mice and to isolate and characterize developmentally important genes.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD Nature of Authorised Research
(458) 1984-1987	<p>PETER JOHN ROBEY COBBETT, B.SC, PH.D, St Andrews. Dept. of Pharmacology and Toxicology, Michigan State University East Lansung, Michigan, formerly at Institute of Animal Physiology and Genetics Research, Cambridge. <i>In vitro studies of magnocellular neuroendocrine cells.</i></p>
(459) 1984-1986	<p>VICTOR LESZEK JANUSZ TYBULEWICZ, B.SC, London, PH.D. Head, Division if Immune Cell Biology, National Institute for Medical Research, London. <i>Tertiary structure of the F1 segment of proton-trans-locating ATPase (H⁺-ATPase)</i></p>
(460) 1984-1987	<p>STANLEY JOHN WHITE, B.SC, PH.D, Manchester. Senior Lecturer, School of Biomedical Sciences, University of Leeds. <i>Investigation of reabsorptive mechanisms of sodium and chloride across the cells of the renal proximal tubule of the rat.</i></p>
(461) 1984-1987	<p>ALAN HUGH DAVID WATSON, B.SC, Edinburgh, PH.D, St Andrews. Senior Lecturer, School of Biosciences, Cardiff University <i>A study of the distribution and structure of synapses on local circuit interneurons.</i></p>
(462) 1984-1987 ZZM	<p>ALIMUDDIN ISMAIL ZUMLA, B.SC, M.B, CH.B. Zambia, M.SC. London, PhD, FRCP London, FRCP Edinburgh Director, Centre for Infectious Diseases and International Health, University College London. Formerly Dept. Clinical Tropical Medicine, London School of Hygiene and Tropical Medicine. <i>The role of Factor B in the bactericidal and opsonising defect of homozygous sickler serum.</i></p>
(463) 1985-1986	<p>DAVID JONATHAN PRICE, B.SC, M.B, CH.B. Edinburgh. Professor of Developmental Neurobiology, Biomedical Sciences, University of Edinburgh, formerly at University Laboratory of Physiology, Oxford. <i>The role of association projections in the organisation and development of the visual cortex.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD Nature of Authorised Research
(464) 1985-1986	<p>HOMME WYTZES HELLINGA, B.SC, Edinburgh. Associate Professor, Department of Biochemistry, Duke University Medical Center, North Carolina. Formerly Dept. of Biochemistry, Stanford University, California. <i>The construction and characterisation of bacterial phosphofructokinase mutants.</i></p>
(465) 1985-1987	<p>LARS HOLGER BREIMER, B.M, CH.B, M.A, Oxford. Chester Beatty Laboratories, Fulham Rd, London. <i>Tissue specific expression of peptides in the brain.</i></p>
(466) 1985-1986	<p>SARAH CATHERINE GUTHRIE, B.A, Cambridge, PH.D, London. Senior Lecturer in Neuroanatomy, King's College, London. Formerly Scripps Institute, La Jolla, California. <i>The role of intercellular communication in early development.</i></p>
(467) 1985-1988	<p>JOHN WILLIAM MORLEY, B.B.SC, M.SC, PH.D, Melbourne. Professor, Dept. of Physiology & Pharmacology, University of NSW, Sydney. Formerly at University Laboratory of Physiology, Oxford. <i>Neural control of eye movements and accommodation.</i></p>
(468) 1986-1988	<p>KATHRYN TERTIA BELT, M.A, D.PHIL, Oxford. MRC Laboratory of Molecular Biology, Cambridge. <i>Evolution of the immune system.</i></p>
(469) 1986-1989	<p>PAUL RICHARD CROCKER, B.A, Cambridge, PH.D, London. Wellcome Trust Senior Research Fellow, Division of Cell Biology and Immunology, University of Dundee. Formerly Head Molecular Haemopoiesis Lab. ICRF Labs, Institute of Molecular Medicine, Oxford. <i>Studies on the role of stromal bone marrow macrophages in haematopoiesis.</i></p>
(470) 1986-1989	<p>ALAN URQUHART LARKMAN, PH.D, Open University. Royal Society University Research Fellow, University Laboratory of Physiology, Oxford. <i>Functional microcircuitry in the visual cortex.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD Nature of Authorised Research
(471) 1986-1989	<p>CHARLES MICHAEL ROBERTSON TURNER, B.SC, PH.D, London Assistant Director, Institute of Biomedical and Life Sciences, University of Glasgow. Formerly Royal Society University Research Fellow Laboratory for Biochemical Parasitology, Dept. of Zoology, University of Glasgow.</p> <p><i>Regulation of parasitaemia and antigenic variation in trypanosoma infections.</i></p>
(472) 1986-1989	<p>IAN McFADZEAN, B.SC, Strathclyde, M.PHIL, Cantab. Senior Lecturer in Pharmacology, Centre for Cardiovascular Biology and Medicine, King's College London.</p> <p><i>Control of calcium currents in mammalian central neurones.</i></p>
(473) 1986-1988 ZZM	<p>COLIN HOWARD WATSON BULLOUGH, M.B, B.S, M.D, Glasgow, D.OBST.R.C.O.G, M.R.C.O.G.</p> <p>Senior Clinical Research Fellow, Dugald Baird Centre for Research on Women's Health, Aberdeen Maternity Hospital. Formerly Dept. Obstetrics & Gynaecology, University of Newcastle, Princess Mary Maternity Hospital and Queen Elizabeth Central Hospital, Blantyre, Malawi.</p> <p><i>Appropriate technology for pregnancy and perinatal care at the community and hospital level in Africa.</i></p>
(474) 1986-1989 ZZM	<p>CHARLOTTE ANN LLEWELYN, B.SC, Leeds, PH.D. Edinburgh. Dept. of Animal Science, University of Zimbabwe, Harare and the Royal (Dick) School of Veterinary Studies, Edinburgh.</p> <p><i>Effect of trypanosomiasis on fertility in the doe goat.</i></p>
(475) 1986-1989 ZZM	<p>ROBERT JOHN DAVID MOY, B.A, M.B, B.CHIR, Cambridge, Diploma of Child Health, London, Diploma of Tropical Child Health, Liverpool.</p> <p>Dept. of Paediatrics, University of Zimbabwe and Institute of Child Health, University of Birmingham.</p> <p><i>Studies in the aetiology and treatment of chronic diarrhoea in Zimbabwean infants.</i></p>
(476) 1987-1989	<p>JOHN JULIAN BLOW, B.SC, Edinburgh. Professor of Chromosome Maintenance, Cancer Research UK Chromosome Replication Research Group, University of Dundee. Formerly Dept. of Biochemistry Oxford University.</p> <p><i>Control of eukaryotic DNA replication in vitro.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD Nature of Authorised Research
(477) 1987-1990	ANDREW JOHN TIMOTHY GEORGE, B.A Cambridge. Lecturer in Immunology , RPMS Hammersmith Hospital, London. <i>Idiotypic specific immunity and dormancy in human and murine B cell tumours.</i>
(478) 1987-1990	RACHEL TROWBRIDGE, B.SC, Edinburgh. Research Fellow, School of Biochemistry and Molecular Biology, University of Leeds. Formerly Institute of Medical & Veterinary Science, Adelaide, Australia <i>Molecular genetic analysis of hepatitis B virus involvement in the development of hepatocellular carcinoma.</i>
(479) 1987-1990	SUSAN JANET ALICE MacMILLAN, B.SC, Hull, PH.D, Bristol. Wellcome Trust Research Fellow, Dept. Preclinical Veterinary Science Royal (Dick) School of Veterinary Studies, University of Edinburgh, formerly Anatomy Dept, Bristol University Medical School. <i>Electrophysiological, pharmacological and immunocytochemical characterisation of hypothalamic arcuate neurones</i>
(480) 1987-1989	PAUL STEPHEN RAYMOND NORMAN, B.SC, London University. Formerly at Dept. of Physiology, Kings College, London. <i>Adrenergic control of the heart and pancreas in man using positron emission tomography.</i>
(481) 1987-1990 ZZM	CHRISTOPHER THOMAS KWAME ABOAGYE DA COSTA, B.SC, M.B, CH.B, Zambia, M.SC. London Dept. of Clinical Tropical Medicine, London School of Hygiene & Tropical Medicine. <i>Early detection of tuberculous antigen in body fluids of HIV-Seropositive Zambian patients.</i>
(482) 1988-1991 ZZM	BALBIR SINGH, B.SC, M.SC, PH.D. Liverpool. Dept. Medical Entomology, Liverpool School of Tropical Medicine. Zzm. <i>Studies on the molecular mechanism of sequestration in falciparum malaria.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD Nature of Authorised Research
(483) 1988-1991	<p>PETER DAVID ARKWRIGHT, B.MED.SCI, M.B, B.S, Western Australia, D.PHIL. Oxford. Nuffield Dept. of Obstetrics & Gynaecology, John Radcliffe Hospital and Glycobiology Unit, Biochemistry Dept. University of Oxford. <i>Role of trophoblast oligosaccharides in the maintenance of normal pregnancy and in pregnancy related disorders.</i></p>
(484) 1988-1991	<p>DEREK JAMES JAMIESON, B.SC, PH.D, Dundee. Reader, School of Life Sciences, Heriot-Watt University, Edinburgh. <i>Investigation of the role of the SSP1 gene product in nuclear pre-mRNA splicing in <u>Saccharomyces cerevisiae</u></i></p>
(485) 1988-1991	<p>MATTHEW CRISPIN HOLLEY, B.SC. Newcastle, D.PHIL. Oxford. Professor of Sensory Physiology, Institute of Molecular Physiology, University of Sheffield. <i>Cellular Mechanisms in hearing.</i></p>
(486) 1988-1991	<p>ASHOK RAMAKRISHNAN VENKITARAMAN, M.B, B.S. Madras, PH.D. London. MRC Laboratory of Molecular Biology, Cambridge. <i>Regulation of T cell receptor gene expression during lymphocyte ontogeny and its role in lymphocytic leukaemogenesis.</i></p>
(487) 1988-1991	<p>GRAHAM PETER COOK, B.SC. London, PH.D. Cambridge. Molecular Medicine unit, St. James' University Hospital formerly MRC Laboratory of Molecular Biology, Cambridge. <i>Use of yeast artificial chromosomes in the generation of transgenic mice harbouring unrearranged immunoglobulin (Ig) genes.</i></p>
(488) 1989-1991 ZMZ	<p>JANE ELIZABETH THOMAS-OATES, B.SC, PH.D. London. Professor of Analytical Science, Dept. of Chemistry, University of York. Formerly Dept. of Mass Spectrometry, Bijvoet Centre for Biomolecular Research, University of Utrecht. <i>Development of mass spectrometric strategies for the analysis of glycosylphosphatidyl inositol anchors to design new therapeutic agents aimed at the VSG coats parasitic trypanosomes.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD Nature of Authorised Research
(489) 1989-1992 ZZM	MARK EDWARD JOHN WOOLHOUSE, B.A, Oxford, M.SC. York, PH.D. Queen's University, Canada. Dept. of Zoology, Oxford University. <i>The effects of control measures on the transmission dynamics of urinary schistosomiasis in Zimbabwe.</i>
(490) 1989-1991	CHARLES KENNEDY, B.SC. Aberdeen, PH.D. London. Reader, Dept. of Physiology and Pharmacology, University of Strathclyde. Formerly Pharmacology Dept, University of Cambridge. <i>Opioid dependence and withdrawal in single brain neurones.</i>
(491) 1989-1991	SIMON MATTHEW MEDD, B.SC. Edinburgh, PH.D. Cambridge. Formerly at MRC Laboratory of Molecular Biology, Cambridge. <i>The molecular basis of ceroid lipofuscinosis (Batten's disease).</i>
(492) 1989-1990	LEON LAGNADO, B.SC. London, PH.D Cambridge. Dept. of Neurobiology, Stanford University, USA. Formerly at Physiological Laboratory, Cambridge. <i>Imaging of changes in free intracellular calcium in organised neural tissue.</i>
(493) 1989-1991	ADRIAN JOHN RAMSAY MASON, B.A. Cambridge, PH.D. Portsmouth Polytechnic. University Dept. of Pharmacology, Oxford. <i>Neuronal diversity in relation to functioning of the substantia nigra.</i>
(494) 1990-1993 ZZM	SHING-MUN DAVID HUEN, B.SC. Birmingham, M.SC. Sussex, PH.D. Birmingham. Formerly at CRC Laboratories, Dept. of Cancer Studies, University of Birmingham Medical School. Now at CRC Human Cancer Genetics Group, Dept. Pathology, University of Cambridge. <i>Mechanism of cell growth transformation by Epstein-Barr virus.</i>
(495) 1990-1991 ZZM	ANDREW JAMES SACRE MACPHERSON, B.A, M.PHIL, PH.D. M.B, B.CHIR. Cambridge, MRCP. Dept. of Medicine, King's College School of Medicine & Dentistry, London. <i>Abnormalities of epithelial cell differentiation in inflammatory bowel disease.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD Nature of Authorised Research
(496) 1990-1993	<p>PETER JOHN CULLEN, B.SC, PH.D. East Anglia. Biochemistry, AFRC Institute of Animal Physiology and Genetic Research, Babraham, Cambridge. <i>Investigation into second messenger properties of inositol 1,3,4,5- tetrakis-phosphate.</i></p>
(497) 1990-1993	<p>IRENE MARY ALLAN, B.SC. Glasgow, PH.D. Birmingham. Formerly at Dept. of Anatomy, University of Birmingham Medical School. <i>Cellular interactions regulating development of T cells in the Thymus.</i></p>
(498) 1990-1992	<p>PETER MAARTEN HENDRIK LITTLEWOOD, B.SC, PH.D. Manchester. Formerly at School of Neurosciences, University of Newcastle-upon-Tyne. <i>Mechanisms underlying the development and maturation of identified synapses in an insect brain.</i></p>
(499) 1991-1994 ZMZ	<p>KITTY MEI CHEE LAM, B.SC, PH.D London, M.SC, Birmingham. Dept. of Clinical Sciences, London School of Hygiene & Tropical Medicine. <i>Identification and characterisation of Epstein-Barr virus (EBV) infected B lymphocytes in patients with acute malaria.</i></p>
(500) 1991-1994 ZMZ	<p>GRANT CLARK SELLAR, B.SC Glasgow, D.PHIL. Oxford. Research Scientist, Cancer Research UK Oncology Unit, University of Edinburgh. <i>Molecular genetics of the serum amyloid A protein (SAA) superfamily: organisation of the SAA gene cluster, differential control of expression of individual family members and function during acute inflammation.</i></p>
(501) 1991-1994	<p>ALEXANDER PAUL GOULD, B.A, PH.D. Cambridge. Group Leader, MRC National Institute for Medical Research, London. <i>The molecular basis of regional diversity in the mammalian nervous system.</i></p>
(502) 1991-1994	<p>ANTONY GALIONE, B.A, M.A, PH.D. Cambridge. Professor of Pharmacology, University of Oxford. <i>Cyclic ADP-Ribose as a novel endogenous calcium-mobilising signalling molecule.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD Nature of Authorised Research
(503) 1991-1993	SIMON CARLILE, B.SC, PH.D. Sydney. Associate Professor and Head, Auditory Neuroscience Laboratory, University of Sydney. Formerly University Laboratory of Physiology, Oxford. <i>Neural representation of auditory space.</i>
(504) 1992-1995 ZZM	PAUL GERARD MCKEAN, B.SC, PH.D. Nottingham. Lecturer, Dept. of Biological Sciences, Lancaster University. Formerly Biochemistry Department, Imperial College of Science, Technology and Medicine. London. <i>Functional analysis of a differentially-regulated gene family in the trypanosomatid parasite Leishmania.</i>
(505) 1992-1995 ZZM	VIKRAM HARSHAD PATEL, M.B, B.S Bombay, M.SC. Oxford, M.R.C.PSYCH. R.C.P. London. Senior Lecturer, London School of Hygiene and Tropical Medicine and Chairman, Sangath Centre, Goa, India. Formerly General Practice Research Unit, Institute of Psychiatry, London and Dept. of Psychiatry, University of Zimbabwe Medical School, Harare. <i>A study of mental health in primary care in Zimbabwe.</i>
(506) 1992-1995	ANN ELIZABETH OLIVE TREZISE, B.SC, PH.D. Griffith University, Australia. Senior Lecturer, Dept. of Anatomy and Developmental Biology, The University of Queensland. Formerly ICRF Institute of Molecular Medicine, John Radcliffe Hospital, Oxford. <i>Investigation of the mechanisms and coordinate regulation of CFTR and MDR expression.</i>
(507) 1992-1995	DAVID GLYN KIPLING, B.A, Cambridge, D.PHIL. Oxford. Professor, Dept. of Pathology, University Wales College of Medicine, Cardiff. Formerly MRC Human Genetics Unit, Western General Hospital, Edinburgh. <i>Centromeres and mammalian artificial chromosomes.</i>
(508) 1992-1995	JONATHAN CHARLES JARVIS, B.SC, PH.D. London. Senior Lecturer, Dept. of Human Anatomy and Cell Biology, University of Liverpool. <i>A systematic approach to the design of muscle blood pumps.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD Nature of Authorised Research
(509) 1993-1996 ZZM	<p>PETER GODFREY-FAUSSETT, B.A. Oxford, M.B.B.S, M.R.C.P, D.T.M & H. London</p> <p>Reader in Infectious and Tropical Diseases, London School of Hygiene & Tropical Medicine, and Honorary Consultant Physician, Hospital for Tropical Diseases, London.</p> <p><i>Application of Molecular tools to the study of tuberculosis in Zambia.</i></p>
(510) 1993-1996 ZZM	<p>RORY JOHN CHARLTON NEFDT, B.SC, M.SC. Rhodes University, South Africa, PH.D. Cambridge.</p> <p>London School of Hygiene & Tropical Medicine.</p> <p><i>Hybrid sterility and swarming behaviour in the Anopheles gambiae species complex.</i></p>
(511) 1993-1996	<p>PAUL LEONARD ALEXANDER GABBOTT, B.SC. Keele University PH.D. Open University.</p> <p>University Dept. of Pharmacology, Oxford.</p> <p><i>The cerebral cortex and autonomic function.</i></p>
(512) 1993-1996	<p>MICHAEL PAUL JENNINGS, B.SC, PH.D. Griffith University, Australia.</p> <p>Associate Professor, Dept. of Microbiology and Parasitology, University of Queensland. Formerly Dept. of Paediatrics and Institute of Molecular Medicine, University of Oxford.</p> <p><i>Biosynthesis of Neisseria meningitidis lipopolysaccharide.</i></p>
(513) 1993-1996	<p>SIAN A. REES, B.SC. E. London Polytechnic, PH.D. London.</p> <p>University Laboratory of Physiology, Oxford.</p> <p><i>Effects of ischaemia on calcium channels in rat and rabbit ventricular cells.</i></p>
(514) 1994-97	<p>IAN R. COLLINSON, B.SC. Warwick, PH.D. Cambridge.</p> <p>MRC Laboratory of Molecular Biology, Cambridge.</p> <p><i>Structural studies of the coupling between the membrane and stalk domains of bovine heart mitochondrial ATP synthase.</i></p>
(515) 1994-1997	<p>FRANCIS ALLEN BARR, B.SC. London, PH.D. in Cell Biology, EMBL Heidelberg.</p> <p>Cell Biology Lab, ICRF, Lincoln's Inn Fields, London.</p> <p><i>Identification of factors required for the mitotic fragmentation of the Golgi in a cell free system.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD Nature of Authorised Research
(516) 1995-1998	EDDIE CHUNG YERN WANG, BA, Cambridge, PhD. Cardiff Lymphocyte Molecular Biology Lab, ICRF, Lincoln's Inn Fields, London. <i>Molecular mechanisms of thymocyte development</i>
(517) 1995-1998	LAURA SUSAN ITZHAKI, BA, Oxford, PhD. Cambridge Cambridge Centre for Protein Engineering <i>Protein folding in vivo - mechanisms of protein transport</i>
(518) 1995-1998 ZMZ	ELISABETH MARGARET ELLIS, B.Sc. UMIST, PhD. Edinburgh Biomedical Research Centre, University of Dundee. <i>The role of a novel aldehyde reductase in the prevention of Liver Disease</i>
(519) 1995-1998	STEPHEN KENNETH DANIEL DOVE, B.Sc., Birmingham, PhD. East Anglia CCRIS, University of Birmingham <i>Lipid signalling systems in Schizosacchomyces pombe as a model for mammalian signal transduction</i>
(520) 1997-1998	JEFFREY MARK CRAIG, B.Sc. Manchester, Ph.D. Edinburgh Institute of Cell and Molecular Biology, University of Edinburgh <i>Genetic analysis of chromosome proteins in vertebrate cells.</i>
(521) 1997-1998	RUTH MARY EMPSON, B.Sc., Oxford, Ph.D. London Neuroscience Unit, Department of Physiology, University of Birmingham <i>The consequences of neuronal Ca²⁺ homeostasis for the progression of Epilepsy</i>
(522) 1997-2000	MATHEW NIGEL HODGKIN, B.Sc. Coventry, Ph.D. Birmingham Institute for Cancer Studies, University of Birmingham <i>Identification of Arf-interacting factors as regulators of phospholipase D.</i>
(523) 1997-2000 ZMZ	KENNETH GEORGE MILNE, B.Sc. Dundee, Ph.D. Dundee Department of Biochemistry, University of Dundee. <i>Cloning and functional expression of glycosyltransferases involved in glycosylphosphatidylinositol biosynthesis from African trypanosomes by heterologous complementation in yeast.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD Nature of Authorised Research
(524) 1997-2000 ZMZ	<p>SUZANNE T B ANDERSON, B.Sc. London, M.B.B.S., M.R.C.P. Lon Department of Paediatrics, Imperial College School of Medicine at St. Mary's. <i>The role of genetically determined abnormalities in the interferon gamma receptor in predisposing to TB and other intracellular infections.</i></p>
(525) 1998-2000	<p>MARK JOHN WALL, B.Sc. London, PhD. Bristol Department of Pharmacology, University of Bristol <i>Characterisation of the properties and physiological role of GABA_A receptors in adult mammalian brain</i></p>
(526) 1999-2002 ZMZ	<p>JACQUELINE KATIE WHITE, B.Sc. Strathclyde, Ph.D. Cambridge Cambridge Institute for Medical Research. <i>Transgenic analysis of the effect of human NRAMP1 on resistance to infection and autoimmunity</i></p>
(527) 1999-2002	<p>PETER JOHN LOCKYER, B.Sc., Ph.D. Southampton Department of Biochemistry, University of Bristol <i>An investigation into the cellular function of a novel muscle-enriched member of the Ras GAP1 family, GAP1sm</i></p>
(528) 1999-2002	<p>VEENA KUMARI, B.A. Gorakhpur University, India, M.A. Kashi Vidyapith, India, Ph.D. Banaras Hindu University, India Section of Cognitive Psychopharmacology, Institute of Psychiatry, London <i>Differential efficacy of atypical and conventional antipsychotics in normalising information processing functions in Schizophrenia: A functional MRI study</i></p>
(529) 1999-2002	<p>HOWARD WILLIAM CLARKE, B.A., M.A., M.B.B.Chir., M.D. Cambridge MRC Immunochemistry Unit, Department of Biochemistry, University of Oxford <i>The role of the pulmonary collectin, surfactant protein D(SP-D) in innate immunity: therapeutic trials of SP-D in mouse models of respiratory infection.</i></p>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD Nature of Authorised Research
(530) 1999-2002	KAREN ELIZABETH ANDERSON, B.Sc., Ph.D. University of Melbourne The Inositide Laboratory, Signalling Programme, The Babraham Institute, Cambridge. <i>Characterisation of novel phosphoinositide 3-kinase/PtdIns (3,4,5)P₃ signal transduction elements.</i>
(531) 1999-2002	SARAH AMALIA TEICHMANN, B.A., Ph.D., Cambridge Structure and Modelling Group, Department of Biochemistry and Molecular Biology, University College London <i>Sequence and structural evolution of protein families in the context of the Genome Projects.</i>
(532) 1999-2002	PETER PROKS, B.S., M.Sc. Comenius University, Bratislava, D.Phil. Oxford University Laboratory of Physiology, University of Oxford <i>Structure-function analysis of the gating of the ATP-sensitive potassium channel.</i>
(533) 2000-2001 ZZM	MOFFAT JOHA NYIRENDA, B.Sc. London, M.B.B.S. University of Malawi Molecular Endocrinology Laboratory, Molecular Medicine Centre, University of Edinburgh. <i>The mechanisms of prenatal programming of hyperglycaemia</i>
(534) 2001-	STEPHANIE JANE CRAGG, B.A., M.A., Cambridge, D.Phil., Oxford University Department of Pharmacology, Oxford <i>The dynamic regulation of neuronal dopamine release: correlated heterogeneity of synaptic plasticity with anatomy, physiology and neurodegeneration.</i>
(535) 2001-	SALLY CLAIRE HOWARD, B.Sc. Durham, M.Sc., D.Phil., Oxford Stroke Prevention Research Unit, Department of Clinical Neurology, University of Oxford. <i>Risk factors and prognostic models for ischaemic stroke and coronary events in specific cerebrovascular syndromes.</i>

No. IN REGISTER AND DATE OF FELLOWSHIP	NAME OF FELLOW AND POSTS HELD Nature of Authorised Research
(536) 2001- ZZM	SUNGANO MHARAKURWA, B.Sc. University of Zimbabwe, M.Sc. London, D.Phil. Oxford. Centre for Epidemiology of Infectious Disease, Department of Zoology, University of Oxford. <i>Studies of the influence of vector control on spread of drug resistance and Falciparum Malaria severity in Zimbabwe.</i>
(537) 2001-	JAMES SPENCER, B.A., Cambridge, Ph.D., Bristol Biomolecular Structure Laboratory, Department of Biochemistry, University of Bristol. <i>Mechanism of Metallo- β -Lactamases studied by Time-Resolved X-Ray Crystallography.</i>
(538) 2002-	SIMON LEE BULLOCK, B.Sc. Durham, Ph.D. London Developmental Genetics Laboratory, Cancer Research UK, Lincoln's Inn Fields, London <i>Mechanisms of symmetric mRNA transport in Drosophila.</i>
(539) 2002- ZZM	CHRISTIAN DEAN ELLSON, B.Sc., Nottingham, Ph.D. Cambridge. The Inositide Laboratory, The Babraham Institute, Cambridge <i>The role of phosphoinositide 3-kinase signalling in the regulation of neutrophil NADPH oxidase.</i>
(540) 2002-	GAVIN SCOTT WILKIE, B.Sc., Ph.D., Edinburgh. MRC Human Genetics Unit, Western General Hospital, Edinburgh. <i>Mechanisms of Poly(A)-dependent translational control.</i>
(541) 2002-	TERESA NICOLLI, B.A. Cambridge, Ph.D. London. Institute of Cancer and Developmental Biology, University of Cambridge. <i>Characterisation of novel morphogenic factors in the Drosophila oocyte.</i>

INDEX TO NAMES OF FELLOWS
WITH NUMBER OF EACH IN REGISTER

Abercrombie, M.	210	Booth, V.H.	201
Abrahams, V.C.	285	Bourne, G.	189
Adams, D.J.	437	Boursnell, J.C.	227
Adams Smith, W.N.	338	Boyland, E.	126
Air, G.M.	379	Bradley, A.	457
Allan, I.M.	497	Breimer, L.H.	465
Allison, V.D.	74	Brewin, N.J.	388
Allott, E.N.	98	Broadhurst, H.C.	54
Anderson, I.A.	181	Broom, W.B.J.	320
Anderson, K.E.	530	Brown, G.B.	355
Anderson, S.T.B.	524	Brown, I.	438
Ardill, B.L.	331	Bullock, S.L.	538
Arkwright, P.D.	483	Bullough, C.H.W.	473
Asherson, G.L.	300	Bunn, C.L.	417
Ashford, C.A.	137	Burnet, Sir F.M.	103
Atkin, E.E.	12	Butler, G.C.	212
Aykroyd, W.R.	120	Burrows, M.	381
Baikie, A.G.	268	Byrom, F.B.	141
Barr, F.A.	515	Bywaters, E.G.L.	202
Barratt, J.O.W.	41	Caldwell, P.C.	279
Barrington, F.J.F.	19	Cameron, Sir G.R.	131
Bates, D.V.	250	Campbell, J.M.H.	80
Bayliss, L.E.	124	Cannan R.K.	68
Bayon, P.G.E.	21	Cannon, J.R.	272
Beall, D.	182	Card, W.I.	203
Beggs, J.D.	420	Cartwright, E.C.	407
Bellerby, C.W.	176	Carlile, S.	503
Belt, K.T.	468	Carlisle, D.B.	251
Bennett, T.I.	61	Case, E.M.	127
Bentley, D.L.	442	Casey, M.D.	321
Bentley, D.R.	447	Casley-Smith, J.R.	303
Berenblum, I.	177	Chalmers, J.G.	183
Betteridge, A.	410	Chamberlain, E.N.	97
Billett, M.A.	400	Channon, H.J.	91
Bishop, Miss A.	122	Chester, M.A.	377
Bishun, N.P.	336	Chisolm, R.A.	37
Black, D.A.K.	211	Chute, A.L.	190
Blow, J.J.	476	Cinader, B.	252
Bloxam, D.L.	344	Clarke, H.W.	529
Boas, Miss M.A. (Mrs Fixsen)..	90	Clemens, M.J.	380

Clutterbuck, P.W.	117	Day, Miss Sheila M.	317
Cobbett, P.J.R.	458	Dean, P.M.	396
Cohen, Lord	91	Dendy, P.P.	314
Cook, F.	75	Denny-Brown, D.E.	100
Cook, G.P.	487	Derrington, A.M.	427
Cook, R.P.	133	Dewan, J.G.	193
Collinson, I.R.	514	Dicker, S.E.	237
Cooper, D.	350	Donovan, B.T.	278
Cooper, E.A.	22	Dove, S.K.D.	519
Cope C.L.	123	Doxey, D.L.	332
Coplans, Myer	42	Drew, G.H.	7
Cote, R.H.	280	Eagles, G.H.	95
Cotes, Miss P.M.	292	East, D.A.	389
Courtice, F.C.	184	Easterbrook-Smith, S.B.	422
Cow, D.V.	38	Edridge-Green, F.W.	6
Cowan, Miss M.L. (Mrs Maitland).....	63	Edson, N.L.	169
Cowan, N.J.	394	Edwards, J.G.	327
Cowan, S.L.	165	Eggleton, P.	113
Coward, Miss K.H.	62	Elliott, K.A.C.	128
Cragg, S.J.	534	Elliott, T.R.	11
Craig, J.M.	520	Ellis, E.M.	518
Crocker, P.R.	469	Ellson, C.D.	539
Crossland, J.	260	Elmore, D.T.	254
Cull-Candy, S.G.	415	Empson, R.M.	521
Cullen, P.J.	496	Emson, P.C.	401
Cundliffe, E.	361	England, P.J.	358
Curry, R.O.L.	223	Farzaneh, F.	424
Da Costa, C.T.K.A.	481	Fastier, F.N.	245
Dale, Miss A.S. (Lady Todd)...	159	Fearnsls, E.G.	51
Dalyell, Miss E.J.	39	Fee, A.R.	115
Danielli, J.F.	192	Fell, Miss H.B.	262
Dann, W.J.	153	Ferenczi, M.A.	423
Darcy, D.A.	243	Fishel, S.B.	433
Darnborough, C.H.	395	Flear, C.T.G.	302
Davies, J.T.	253	Flitney, F.W.	362
Davson, H.	185	Ford, W.L.	322
Dawson, R.M.H.	244	Fottrell, P.F.	304
Daly, I.d e Burgh.	55	Fox, F.W.	64
		Franks, D.	325

Fraser, C.W.	311	Halestrap, A.P.	404
Fraser, Miss E.T.		Hall, J.G.	330
(Mrs Robertson-Butler).....	23	Hallinan, T.P.	329
Frew, J.G.H.	104	Hardy, S.J.S.	364
Fullerton, H.W.	160	Harley, E.H.	365
Fulton, J.D.	171	Harris, A.J.	349
Funk, C.	32	Harris, D.T.	65
Gabbott, P.L.A.	511	Harrison, P.J.	452
Gaddie, R.	148	Harrison, P.R.	360
Gale, E.F.	217	Harvey, W.H.	26
Galione, A.	502	Hayreh, S.S.	308
Gaskell, J.F.	20	Heath, J.K.	428
George, A.T.J.	477	Hebb, Miss Catherine O.	194
Gill, D.M.	328	Heller, H.	204
Gingold, E.B.	382	Hellinga, H.W.	464
Gleeson, P.A.	451	Henderson, D.W.W.	146
Godfrey-Faussett, P	509	Herbert, D.	221
Goldblatt, H.	70	Heyningen, V.V.	398
Goldblatt, M.W.	105	Hicks, Sir C.S.	83
Gompertz, D.	315	Hill, Robert	121
Goodlad, G.A.J.	287	Hilton, R.	76
Gooneratne, B.W.M.	353	Himsworth, Sir H.P.	143
Gould, A.P.	501	Hindle, E.	8
Graham, C.F.	342	Hladky, S.B.	383
Graham, G.	24	Hodgkin, M.N.	522
Grant, G.A.	164	Holden, H.F.	93
Gray, G.M.A.	294	Holloway, M.R.	335
Gready, J.E.	439	Holley, M.C.	485
Green, C.D.	403	Holmes, A.M.	402
Green, D.E.	163	Holmes, W.	218
Grey, E.C.	43	Hotton, Mrs P.M.	262
Gregory, M.C.	387	Holzbauer-Sharman, M.M.A. .	296
Gribbin, B.	363	Homer, Miss A.	18
Griffiths, D.V.	397	Horning, E.S.	152
Gross, L.	71	Howard, S.C.	535
Gunn, J.A.	25	Huehns, E.R.	301
Gurdon, J.B.	295	Huen, S-M.D.	494
Guthrie, S.C.	466	Huggett, A. St G.J.	77
Hacker, H.P.	109	Hughes, A.H.	157

Hunt, R.T.	390	Lam, K.M.Ch.	499
Iles, J.F.	416	Lambie, C.G.	84
Irving, J.T.	106	Lander, Miss M.K.F.	
Irvine, R.F.	411	(Mrs Kitchin)	72
Itzhaki, L.S.	517	Landgrebe, F.W.	222
Itzhaki, Mrs Ruth F.	309	Larkman, A.U.	470
James, A.T.	246	Lascelles, Miss June	256
James, T.C.	425	Laverty, R.	310
Jamieson, D.J.	484	Lawrie, N.R.	144
Jarvie, H.F.	263	Lee, M.R.	313
Jarvis, J.C.	508	Lehmann, A.R.	386
Jennings, M.P.	512	Lehmann, H.	198
Johnson, Miss P.	454	Lepper, Miss E.H.	57
Johnson, Miss, S.M.	352	Levin, B.	206
Jona, J.L.	27	Levine, B.A.	429
Jones, A.S.	255	Levine, Y.K.	370
Jones, M.S.	205	Levvy, G.A.	228
Jowett, M.	166	Lewis, G.P.	273
Karlsson, V.J.S.	434	Lewis, Sir T.	1
Katz, B.	195	Littlewood, P.M.H.	498
Kay, H.D.	69	Llewelyn, C.A.	474
Kearsey, S.E.	443	Lloyd, C.W.	394
Keilin, Miss Joan E.	259	Lockett, Miss Mary F.	219
Keilin, D.	56	Lockyer, P.J.	527
Kellar, R.J.	168	Lourie, E.M.	161
Kellgren, J.H.	196	Lowenstein, J.M.	281
Kelly, F.C.	99	Luce, Miss E.M.	
Kennedy, C.	490	(Mrs Clausen).....	73
Kennedy, W.P.	125	Lyles, G.A.	431
King, J.J.D.	197	Lythgoe, R.J.	102
Kipling, D.G.	507	Lyttleton, J.W.	239
Kirk, C.J.	430	Macallum, A.B.	35
Kirkpatrick, C.T.	376	Mackay, Miss H.M.M.	58
Kirrane, J.A.M.	334	Mackenzie, I.	207
Kleczkowski, A.	224	Macpherson, A.J.S.	495
Krnjevic, K.	269	Madinaveitia, J.L.	213
Kumar, R.	337	Maegraith, B.G.	154
Kumari, V.	528	Malloch, T.A.	59
Lagnado, L.	492	Mann, P.J.G.	155

Mann, T.R.R.	186	Mitchell, J.S.	162
Marrack, J.R.	45	Montague, W.	371
Marrian, G.F.	114	Moorhouse, V.H.K.	44
Marshall, A.J.	240	More, I.A.R.	356
Mason, A.J.R.	493	Morgan, W.T.J.	112
Mathews, M.B.	367	Morley, J.W.	467
Mathison, G.C.M.	2	Morris, G.E.	378
Matthews, Sir B.H.C.	118	Moy, R.J.D.	475
Matthews, E.K.	326	Munro, T.A.H.	180
May, Otto.....	10	Murray, D.R.P.	135
Mayer, M.L.	448	Myers, G.N.	136
MacMillan, S.G.A.	479	Needham, Miss D.M.M.	96
McCaig, C.D.	453	Nefdt, R.J.C.	510
McClosky, D.I.	366	Neuberger, A.	175
McCloy, Miss E.W.		Newby, A.C.	432
(Mrs Meynell).....	264	Newsholme, E.A.	319
McCoubrey, A.	247	Nicholas, W.L.	274
McCullagh, D.R.	119	Nicholls, G.E.	46
McFadzean, I.	472	Nicholls, J.G.	293
McFarlane, A.S.	151	Nicol, D.S.H.W.	277
McFarlane, D.	220	Nicolli, T.	541
McIntosh, J.	31	Norman, P.S.R.	480
McKean, P.G.	504	Norris, R.V.	28
McLoughlin, Miss C.B.		Nyirenda, M.T.	533
(Mrs Modell).....	333	O'Connor, W.J.	199
McMichael, J.	132	O'Donoghue, C.H.	29
McManus, J.F.A.	235	O'Neill, R.D.	456
Meadow, Miss P.M.	291	Oswald, I.	288
Medd, S.M.	491	Parker, A.J.	435
Meager, A.	393	Parkes, A.S.	94
Meldrum, N.U.	134	Patridge, S.M.	214
Mellanby, Sir E.	9	Patel, V.H.	505
Mharakurwa, S.	536	Patterson, S.W.	33
Michell, A.R.	385	Pearse, B.M.F.	406
Micklethwait, Miss F.M.G.	52	Penfield, W.G.	66
Miller, E.N.	440	Penn, C.W.	412
Miller, J.S.G.	340	Phillips, A.F.	265
Milne, K.G.	523	Pickford, Miss L.M.	178
Milner, A.J.	368	Pirie, Mrs A.	187

Pixell, Miss H.L.M.		Rowland, G.F.	316
(Mrs Goodrich).....	36	Rowlands, R.T.	408
Platt, B.S.	101	Rowsell, E.V.	266
Popjak, G.J.	225	Rushton, W.A.H.	138
Porter, Miss A.(Mrs Fantham)..	47	Russ, Sidney.	4
Poulton, E.P.	53	Russell, Miss D.S.	85
Price, D.J.	463	Sahgal, A.	421
Priestley, H.	15	Salaman, D.F.	343
Priestley, J.G.	48	Salaman, M.H.	170
Priestley, J.V.	445	Salton, M.R.J.	261
Proks, P.	532	Samson, A.C.R.	372
Proudfoot, N.J.	413	Sanger, F.	231
Pumphrey, R.J.	179	Sastry, G.R.K.	359
Quastel, J.H.	116	Scarborough, H.	200
Ramsay, R.R.	418	Schutze, H.L.H.	34
Ransom, F.P.F.	3	Seaman, G.V.F.	306
Rawdon Smith, A.F.	208	Sellar, G.C.	500
Record, B.R.	209	Senior, B.W.	357
Rees, S.A.	513	Sherbet, G.V.	345
Reid, E.	257	Sherlock, Miss Sheila P.V.	
Rhodes. J.R.	405	(Mrs James)	232
Richardson, P.J.	446	Sheilds, R.	392
Richter, D.	188	Shoatton, D.M.	354
Riley, P.A.	341	Silberman, L.	241
Robertson, Miss. J.I.		Simmonds, M.A.	351
(Mrs Suttie).....	49	Simmons, P.J.	426
Robinson, Miss M.E.		Singh, A.K.	339
(Mrs Adair).....	140	Singh, B.	482
Robson, J.M.	150	Slater, T.F.	286
Rogers, H.J.	229	Slater, Sir W.K.	82
Romanes, G.J.	230	Smedley, Miss I.	
Roscoe, Miss M.H.	129	(Mrs Smedley-Maclean).....	5
Rose, S.P.R.	312	Smellie, R.M.S.	270
Rosedale, J.L.	78	Smirk, Sir F.H.	130
Rosenheim, Miss A.H.		Smith, Miss E.E.B.	275
(Mrs Van Noorden).....	172	Smith, William.....	86
Rossant, J.	414	Snow, H.M.	346
Row, R.W.H.	14	Spector, W.G.	267
Rowe, A.J.	305	Spencer, J.	537

Stacey, M.	156	Vines, H.W.C.	67
Stanbury, S.W.	248	Wakelam, M.J.	455
Steabben, Miss D.B.	87	Wakerley, J.B.	391
Steadman, J.H.	347	Wall, M.J.	525
Stein, W.D.	298	Wang, E.C.Y.	516
Stephens, J.G.	107	Warren, D.J.	373
Stephenson, Miss M.	50	Waterfield, J.D.	436
Stewart, C.P.	98	Watkins, Miss W.M.	271
Stickland, L.H.	139	Watson, A.H.D.	461
Summers, M.C.	419	Watts, C.	450
Sundaram, T.K.	323	Watts, D.C.	307
Tata, J.R.	284	Waymouth, Miss Charity	233
Taylor, F.H.	297	Webb, E.C.	234
Teece, Miss Ethel G.	226	Weber, G.	242
Teichmann, S.A.	531	West, R.G.R.	147
Thomas, Miss J.O.	348	White, J.K.	526
Thomas, O.L.	236	White, R.A.H.	449
Thomas-Oates, J.E.	488	White, S.J.	460
Thompson, J.R.	409	Whittam, R.	282
Thomson, A.M.	441	Whitteridge, D.	215
Thomson, J.G.	40	Whittingham, D.G.	369
Todd, Baron	167	Wigglesworth, J.S.	319
Tow, P.M.	238	Wilkie, G.S.	540
Town, C.D.	399	Williams, D.H.	145
Tozer, Miss F.M.	13	Williams, P.C.	216
Trezise, A.E.O.	506	Wilson, F.P.	16
Trowbridge, R.	478	Wilson, M.T.	374
Tucker, R.G.	276	Winter, L.B.	89
Turner, C.M.R.	471	Winter, M.R.C.	375
Twort, C.C.	30	Winton, F.R.	110
Tybulewicz, V.L.J.	459	Woods, D.D.	174
Vaney, D.I.	444	Wooldridge, W.R.	111
Varadarajan, S.	290	Woolhouse, M.E.J.	489
Vaughan, Dame J.M. (Mrs Gourlay)	142	Woolf, Barnet	108
Venkitaraman, A. R.	486	Wyke, B.D.	258
Verel, D.	249	Yates, A.G.	17
Verney, E.B.	79	Young, F.G.	149
Vevers, G.M.	60	Zuckerman, Baron	159
		Zumla, A.I.	462

Melanie Goble
BeitB 31.10.03

Digitally printed by Parchment (Oxford) Ltd, from copy supplied
Printworks, Crescent Road, Cowley, Oxford OX4 2PB, England
email: print@parchmentUK.com www.PrintUK.com

