

Molecular approaches to the therapy of HIV infection : a residential meeting at Robinson College, Cambridge : Monday - Wednesday 9-11 July 1990 / convened by Dr. B.C.L. Walker for The Society for Drug Research.

Contributors

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MOLECULAR APPROACHES TO THE
THERAPY OF HIV INFECTION

A Residential Meeting at
Robinson College, Cambridge

Monday - Wednesday

9 - 11 July 1990

Convened by: Dr E C L Walker

for

The Society for Drug Research
20 Queensberry Place
London SW7 2DZ
Tel: 071-581 8333

MONDAY 9 JULY 1990

10.30 - 12.30 Registration

12.30 - 13.45 LUNCH

Chairman: Dr J D Flack

13.45 - 14.45 TEACHING SEMINAR

The immune system and viruses
Dr Anthony Nash
Department of Pathology
University of Cambridge

BIOLOGY AND BACKGROUND

14.45 - 15.30 Replication and transmission
of retroviruses
Professor Robin Weiss
Chester Beatty Laboratories

15.30 - 16.00 TEA

16.00 - 16.45 Techniques for the identification
of HIV infection
Dr Jonathan Weber
Royal Postgraduate Medical
School, University of London

16.45 - 17.30 Progress and challenges in the development
of vaccines against HIV and AIDS
Dr Geoffrey Schild
National Institute for Biological
Standards and Control

18.00 - 19.15 SUPPER

Chairman: Dr Geoffrey Schild

19.30 - 20.15 Transmission dynamics and
epidemiology of AIDS
Professor Roy Anderson, FRS
Imperial College, University of London

TUESDAY 10 JULY 1990

DRUG TARGETS AND DEVELOPMENTS

Chairman: Dr Dan Brown, FRS

- | | |
|---------------|--|
| 09.00 - 09.45 | Chemical approaches to anti-HIV compounds
Dr Peter Myers
Glaxo Group Research |
| 09.45 - 10.30 | CD4 as HIV receptor and signal transduction molecule
Professor Peter Beverley
Imperial Cancer Research Fund |
| 10.30 - 11.00 | COFFEE |
| 11.00 - 11.45 | Zidovudine (AZT) resistant HIV variants
Dr Brendan Larder
Wellcome Research Laboratories |
| 11.45 - 12.30 | Regulation of HIV gene expression: potential for anti-viral drug design
Dr Edward Blair
Wellcome Research Laboratories |
| 12.30 - 14.00 | LUNCH |
| | Chairman: Professor Peter Beverley |
| 14.00 - 14.45 | Anti-HIV agents based on antisense oligonucleotides
Dr Dan Brown, FRS
MRC Laboratory of Molecular Biology, University of Cambridge |
| 14.45 - 15.30 | Post-translational modification of viral proteins
Dr Thomas Rademacher
Glycobiology Unit, University of Oxford |
| 15.30 - 16.00 | TEA |
| 16.00 - 16.45 | Retroviral proteinases and their inhibitors
Dr Andrew Hemmings
Birkbeck College, University of London |
| 16.45 - 17.30 | The economics of AIDS
Professor Alan Maynard
University of York |
| 19.30 | CONFERENCE DINNER |

WEDNESDAY 11 JULY 1990

LABORATORY MODELS

Chairman: Dr Ruth Ruprecht

- 09.00 - 09.30 in vitro evaluation of anti-HIV-1
 compounds
 Professor Dr Erik de Clercq
 Rega Institute for Medical Research
 Katholieke Universiteit Leuven
- 09.30 - 10.00 SIV infection of the macaque:
 a suitable model for human AIDS?
 Dr Martin Cranage
 PHS, CMR, Porton Down
- 10.00 - 10.30 Feline immuno-deficiency
 virus infections
 Dr David Harbour
 Department of Veterinary Medicine
 University of Bristol
- 10.30 - 11.00 COFFEE
- Chairman: Dr B C L Walker
- 11.00 - 11.30 Murine retroviruses
 Dr Ruth Ruprecht
 Dana Farber Cancer Institute, USA
- 11.30 - 12.00 Analysis of HIV infection in the
 SCID-hu mouse
 Dr Chu-Chih Shih
 Systemix, California, USA
- 12.00 - 12.30 Antiviral therapy in clinical
 practice - lessons from the
 Zidovudine experience
 Dr Ian Weller
 University College and Middlesex
 School of Medicine
- 12.30 - 14.00 LUNCH

End of Meeting