

Bacteriophage Applications

Current and potential applications in biotechnology, agriculture and medicine
16 May 2006 – Birkbeck College, London

- 09:00 – 09:30** **Registration – refreshments in the exhibition hall**
- 09:30 – 09:40 **Introduction by the Chair – Professor George Salmond, Cambridge University**
- 9:40 – 10:00 **The nature and uses of phage in fundamental biology research, biotechnology and medicine.**
 Prof. George Salmond – University of Cambridge
- 10:00 – 10:30 **Bacteriophage genomes, pathogenicity islands, phage conversion and evolution.**
 Dr Nicholas Thomson, Sanger Institute, Cambridge
- 10:30 – 11:00 **The Role of STX-Phages In The Survival and Dissemination of Virulence Genes and the Emergence of New Pathogens.**
 Dr Heather Allison – University of Liverpool
- 11:00 – 11:30** **Mid-morning break: refreshments in the exhibition hall**
- 11.30 –12.00 **Phage problems in industrial fermentations: the dairy industry.**
 Dr. Stephen McGrath, University of Cork, Ireland
- 12.00 –12.30 **Phage display for the identification of components of the human proteome.**
 Dr. Anthony Pope, Wellcome Trust Sanger Institute
- 12.30 – 13.00 **Exploiting phages for production of vaccines.**
 Dr John March – Moredun Research Institute
- 13.00 – 14.00** **Lunch in the exhibition hall**
- 14.00 – 14.20 **Mycobacteriophages: Genomics and Consequences.**
 Prof. Graham Hatfull, Univeristy of Pittsburgh, USA
- 14.20 – 14.40 **Rapid detection and identification of viable mycobacteria using a combined phage-PCR assay.**
 Dr Cath Rees, School of Biosciences, University of Nottingham, UK
- 14.40 – 15.00 **Filamentous phages of *Vibrio cholerae* 01 and 0139.**
 Dr Masahiko Ehara, Dept of Bacteriology, Institute of Tropical medicine, Nagasaki University Japan
- 15.00 – 15.20 **Involvement of a phage excisionase in bacterial metabolism regulation.**
 Dr Mireille Ansaldi, Laboratoire de Chimie Bactérienne, IBSM-CNRS, France
- 15:20 – 15:45 **Refreshments in the exhibition hall**
- 15.45 – 16:05 **Phicotherapeutics technology.**
 Dr Adam Wilkinson, Phico Therapeutics Ltd , Babraham, Cambridge
- 16.05 – 16.25 **Phage therapy: the Novolytics technology.**
 Dr Nick Housby, CEO Novolytics - University of Warwick
- 16.25 – 16.55 **Immobilised phages for therapeutics.**
 Prof. Mike Matthey, University of Strathclyde
- 16.55 – 17.25 **Development of Phage Treatmentsof *P.aeruginosa* Infections.**
 Dr James Soothill Great Ormond St Hospital, London
- 17:25 – 17:30** **Chairman's summing up**