

Cambridge Infectious Diseases: Meeting of Minds

8th December, Centre for Mathematical Sciences, Wilberforce Road Cambridge

Time	Title	Speaker
9.15	Introduction	Prof Sharon Peacock, Departments of Medicine and Pathology
Session 1: Global Health - Chair, Professor David Dunne (Pathology)		
9.30	Global Health and Africa	Prof. David Dunne/Prof James Wood
10.00	Can blinding trachoma be eliminated by 2020?	Prof. David Mabey, London School of Hygiene and Tropical Medicine
10.45	Tea & Coffee	
Session 2: Emerging Infections - Professor Derek Smith (Zoology)		
11.15	WHO Collaborating Centre for Modelling, Evolution and Control of Emerging Infectious Diseases	Prof. Derek Smith, Department of Zoology
11.25	Vaccine strain selection for influenza viruses and other pathogens	Dr Colin Russell, Department of Zoology
11.50	The Potential for Respiratory Droplet-Transmissible A/H5N1 Influenza Virus to Evolve in a Mammalian Host	Dr Judy Fonville, Department of Zoology
12.25	Antigenic characterization of dengue viruses using antigenic cartography	Leah Katzelnick, Department of Zoology
12.45pm	Lunch	
1.45	Cambridge and the Developing World	Professor Sir Leszek Borysiewicz
Session 3: Microbial Populations - Chair, Professor George Salmond (Biochemistry)		
2.00	How bacteria control viral parasite populations: abortive infection through altruistic suicide	Prof. George Salmond, Department of Biochemistry
2.30	The genetics and evolution of susceptibility to infectious disease: insights from <i>Drosophila</i>	Dr. Frank Jiggins, Department of Genetics
3.00	Within-host Dynamics of Salmonella infections	Dr. Andrew Grant, Department of Veterinary Medicine
3.30-4.00	Tea & Coffee	
Session 4: Genomics – Chair, Professor Julian Parkhill (WTSI)		
4.00	Genomics to understand respiratory tract and zoonotic pathogens of pigs	Prof. Duncan Maskell, Department of Veterinary Medicine
4.30	Evolution of antibiotic resistance and the genesis of an MRSA pandemic	Dr. Matt Holden, Wellcome Trust Sanger Institute
5.00	Just how diverse is "diverse"? Metagenomic analysis of the cystic fibrosis-associated microbiome	Dr. Martin Welch Department of Biochemistry
5.30-6.30	Drinks Reception	