

British Infection Association 16th Annual Meeting

Thursday 16th May 2013

Brunei Gallery Lecture Theatre
School of Oriental and African Studies (SOAS),
Thornhaugh Street, Russell Square
London, WC1H 0XG



Meeting Programme

08-45 to 09-15 **Registration, coffee/tea & poster viewing**

09-15 to 09-20 **Welcome**

Dr Peter Moss (Hull), President of the BA

09-20 to 10-45 **Free Scientific Papers** (12 minutes each)

Chairs & discussants - Professor Shiranee Sriskandan (Imperial, London) & Professor David Dockrell (Sheffield)

1. Role of interleukin 17 in the innate immune response to pneumococcal infection is strain dependent. Neil D Ritchie et al. University of Glasgow
 2. Early and non-reversible decrease of CD161⁺⁺/Mucosal Associated Invariant T cells in HIV Infection. James Ussher et al. University of Oxford
 3. Matrix destruction by neutrophils is exacerbated by hypoxia in Tuberculosis. Katharine Fox et al. Imperial College, London
 4. Calcineurin inhibitors impair the host innate immune response to invasive aspergillosis likely due to a calcineurin-dependant defect in fungal killing in alveolar macrophages. Anand Shah et al. Imperial College, London
 5. The role of CD8⁺ T-cell responses in the pathogenesis of HIV-2, a naturally contained human retroviral infection. Thushan de Silva et al. MRC Laboratories, The Gambia, Fajara, Gambia
 6. HIV control in post-partum mothers; a turbulent time. Alexander Holroyd Burnett et al. Sheffield Medical School, University of Sheffield
 7. HLA alleles in combination with innate immune genes are key determinants of viral outcome in Hepatitis C virus infection. Karen Fitzmaurice et al. University of Oxford
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10-45 to 11-05 **Coffee/tea & poster viewing**

11-05 to 12-00 **International Keynote Lecture**

Professor Nelson Lee, Stanley Ho Center for Emerging Infections, Chinese University of Hong Kong

"Severe viral respiratory infections in Asia"

Chair & discussant - Professor Stephen Green (Sheffield)

12-00 to 12-40 **British Infection Association AGM**

Dr Peter Moss (Hull), Dr Stephen Barrett (Southend)

12-40 to 13-25 **Lunch & poster viewing**

13-25 to 14-15 **Free Scientific Papers** (12 minutes each)

Chairs & discussants - Dr Ashley Price (Newcastle upon Tyne) & Professor Tom Evans (Glasgow)

8. An Adenoviral model to unlock the secrets of Memory Inflation? [Julia Colston](#) et al. University of Oxford
 9. Genotypic prediction of anti-microbial susceptibilities in *Staphylococcus aureus*. [Claire Gordon](#) et al. University of Oxford
 10. The expression of TSST-1 by EMRSA-16. [Hema Sharma](#) et al. Imperial College, London
 11. Whole genome sequencing reveals *C. difficile* infection likely to arise from diverse sources. [David Eyre](#) et al. NIHR Oxford Biomedical Research Centre
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14-15 to 14-45 **UK State of the Art Lecture 1**

Professor Mark Wilcox, Consultant and Clinical Director Leeds Teaching Hospitals, Professor of Medical Microbiology, University of Leeds

“*Clostridium difficile* above and below the radar”

Chair & discussant – Dr David Partridge (Sheffield)

14-45 to 15-05 **Coffee/tea & poster viewing**

15-05 to 15-55 **Free Scientific Papers** (12 minutes each)

Chairs & discussants - Dr Andrew Ustianowski (Manchester) & Dr Martin Llewelyn (Brighton)

12. Burden, risk factors and public health implications of childhood TB in Kenya *results from the KIDS TB Study* * *KIDS TB Study: Kilifi Improving Diagnosis & Surveillance of Childhood TB Study*. [Andrew Brent](#) et al. University of Oxford
 13. The Imported Fever Service; a UK-wide system for improved management and diagnosis of fever in returned travellers. [Jonathan Lambourne](#) et al. PHE, Porton Down
 14. Is MALDI-TOF worth it? The impact of MALDI-TOF on patients with positive blood cultures. [Andree Evans](#) et al. Royal Devon and Exeter NHS Foundation Trust
 15. Investigating increasingly complex resistance in Enterobacteriaceae & *Pseudomonas aeruginosa* in critical care. [Luke Moore](#) et al. Imperial College, London
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15-55 to 16-25 **UK State of the Art Lecture 2**

Professor Robert Read, Southampton

“New developments in meningococcal vaccination”

Chair & discussant - Professor Christophe Tang (Oxford)

16-25 to 16-30 **Comfort break & poster viewing**

16-30 to 17-30 **Clinical Papers** (10 minutes each)

Chairs & discussants - Dr Julia Greig (Sheffield) & Dr Nick Beeching (Liverpool)

- A. Is this the way to Armadillo? The wheel holds the key! Malika Mohabeer et al. Chelsea and Westminster Hospital
- B. It's a bloody mystery. Charlotte Hall et al. Castle Hill Hospital
- C. Fever in traveller returned from Nepal. Alison Burgess et al. Northwick Park Hospital
- D. Memoirs of a complex case. Shumonta Quaderi et al. UCLH - Hospital for Tropical Diseases
- E. Don't underestimate the value of microscopy! Shara Palanivel et al. St Helier hospital
- F. Stroke and a fever - time to call Infectious Diseases? Sarah Logan et al. North West London Hospitals NHS Trust

17-30 to 17-35 **Close of proceedings**

BIA Meetings Secretary

BIA Scientific Secretary

Dr Peter Moss, BIA President

Selected Poster Presentations:

Standardised microbiological investigations and syndromic algorithms: A partnership approach to high quality investigations in diagnostic microbiology
Ruhi Siddiqui et al. Public Health England, London

Audit of the management of suspected viral encephalitis in a district general hospital setting
Robert Shaw et al. Wexham Park Hospital

Linezolid for multi-drug resistant Tuberculosis: the Newcastle experience
Ewan Hunter et al. Newcastle Hospitals NHS Foundation Trust

Prospective evaluation of factors associated with blood culture contamination at York Hospital.
Daniel Weiland et al. The York Hospital

TB Spine - more than a pain in the back
Shelui Collinson et al. St George's Hospital

Audit on b-lactam allergy: implications and costs
Giovanni Satta et al. Royal Free London NHS Foundation Trust

Daptomycin in the treatment of gram-positive infections and bacteraemia: Patient registry experience (2006-11)
Muhammad Raza et al. Newcastle upon Tyne NHS Foundation Trust

Infective endocarditis in the Kennemerland region (NL) 2004-2011: demography, diagnosis and prognosis
Floris van den Brink et al. St Antonius Ziekenhuis, Nieuwegein, The Netherlands

Clinical experience with daptomycin treatment of osteomyelitis: 6-year retrospective analysis from the EU-CORESM registry
R. Andrew Seaton et al. Gartnavel General Hospital

Spontaneous methicillin-sensitive *Staphylococcus aureus* discitis – short course antibiotic therapy may be adequate. Evidence from a large single centre cohort.
Thomas Locke et al. Sheffield Teaching Hospitals

The changing epidemiology of *Clostridium difficile*; an observational and interrupted time series study.
Thomas Moore et al. Brighton and Sussex Medical School

Causes of fever in the returning traveller
Andrew Taylor et al. UCH, London

Clostridium difficile in the emergency department: are we helping or hindering?
Timothy Shaw et al. Royal Victoria Hospital, Belfast

TB Meningitis: A wolf in wolf's clothing.
Claire Mullender et al. St Georges Hospital Healthcare NHS Trust

Deciphering Discitis: Results from a tertiary referral centre.
Richard O'Sullivan et al. Newcastle University Medical School

Invasive non-typhoidal Salmonella in patients referred to an Infectious diseases unit at Leicester Royal Infirmary.
Rosemarie FitzGerald et al. Leicester Royal Infirmary

Antifungal prescribing in patients requiring intensive (ICU) and high dependency (HDU) care at St. James's Hospital
A Talento et al. St James Hospital

Service Evaluation of the treatment of ESBL- and AmpC-producing *E.coli* bacteraemia in Sheffield: Does treatment with co-amoxiclav, piperacillin-tazobactam and cephalosporins alter clinical outcome?
Bala Subramanian et al. Sheffield Teaching Hospitals

Scratching the surface
Alison Sears et al. St George's Hospital, London

A rare cause of puffiness
Olubanke Davies et al. Guy's & St Thomas' Hospitals NHS Trusts

Online registration is now available at <http://www.hartleytaylor.co.uk>