

British Infection Association 18th Annual Meeting

Thursday 21st May 2015

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), Outgoing President of the BIA

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

Chairs & discussants – *Professor Rob Read (Southampton), Professor Jon Friedland (London)*

1. Controlled human malaria infection in Kenyan adults: A safe model that could accelerate assessment of novel drugs and vaccines in malaria endemic populations. Susanne Hodgson et al University of Oxford, Oxford
 2. The blood-brain barrier is disrupted by matrix metalloproteinases in tuberculous meningitis. Sara Brilha et al. Imperial College London, London
 3. Co-operation during *Staphylococcus aureus* pathogenesis. Emma Johnson et al. University of Sheffield, Sheffield
 4. In TB patients from Peruvian shantytowns, catastrophic costs explain as many adverse TB outcomes as MDR TB. Tom Wingfield et al. Imperial College, London, UK
 5. Monocyte deactivation is associated with mortality in HIV-associated cryptococcal meningitis. James Scriven et al. Liverpool School of Tropical Medicine, Liverpool
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10-20 to 10-45 **Coffee/tea & poster viewing**

10-45 to 11-15 **UK State of the Art Lecture 1**

"Where are we with rabies?"

Professor David Warrell, Emeritus Professor of Tropical Medicine (former head) at the Nuffield Department of Clinical Medicine, Honorary Consultant Physician at Churchill Hospital, Oxford, and Honorary Fellow of St Cross College, University of Oxford, UK

Chair & discussant - *Dr Peter Moss (Hull)*

11-15 to 12-05 **Free Scientific Papers** (12 minutes each)

Chairs & discussants – *Professor Tom Evans (Glasgow), Dr Ed Moran (Birmingham)*

6. Dengue rapid diagnostic tests: How reliable are they in a UK clinical setting? Maria Krutikov et al. University College Hospitals London, London
7. HLA Contributes to Immune Control of Hepatitis B in HIV-positive African adults. Philippa Matthews et al. University of Oxford, Oxford
8. The effect of trauma on invasive group A streptococcal (iGAS) disease. Lucy Lamb et al. Imperial College London, London
9. Earlier detection of drug resistant mutations in small bowel / multivisceral transplant recipients with CMV infection using next generation sequencing. Yanjun Diao et al. Addenbrookes Hospital, Cambridge

12-05 to 12-25 **British Infection Association AGM**

Dr Peter Moss (Outgoing President), Dr Mike Kelsey, Professor Steve Green (Sheffield)

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

13-25 to 14-20 **International Keynote Lecture**

"Where are we with dengue?"

Professor Annelies Wilder-Smith, Lee Kong Chian School of Medicine, Nanyang Technological University, Singapore, and Consultant Physician at Tan Tock Seng Hospital, Singapore

Chair & discussant – *Prof Steve Green (Sheffield)*

14-20 to 14-55 **Free Scientific Papers** (12 minutes each)

Chairs & discussants – *Professor David Dockrell (Sheffield), Dr David Chadwick (Middlesbrough)*

10. Modification of adult pneumococcal carriage by vaccination: Effect of 7-conjugate vaccine on carriage in Malawian adults, results from a randomised controlled trial. Jody Aberdein et al. Malawi-Liverpool Wellcome Clinical Research Unit & University of Malawi College of Medicine, Blantyre, Malawi
11. Hospital wastewater: a reservoir for carbapenemase producing Enterobacteriaceae unrelated to clinical isolates. Leila White et al. Lancashire Teaching Hospitals NHS Trust, Preston
12. The impact of HIV on the burden and severity of influenza illness in Malawian Adults: The BASH-FLU study. Antonia Ho et al. Malawi-Liverpool-Wellcome Trust Clinical Research Programme, Blantyre, Malawi

14-55 to 15-15 **Coffee/tea & poster viewing**

15-15 to 15-45 **UK State of the Art Lecture 2**

"Intraocular infections"

Professor Ian Rennie, Professor and Head of Department of Ophthalmology and Orthoptics, University of Sheffield; Clinical Director & Honorary Consultant Ophthalmic Surgeon, Royal Hallamshire Hospital, Sheffield, UK

Chair & discussant – *Dr Matthias Schmid (Newcastle upon Tyne)*

15-45 to 16-20 **Free Scientific Papers** (12 minutes each)

Chairs & discussants – *Professor David Dockrell (Sheffield), Dr David Chadwick (Middlesbrough)*

13. Safety and immunogenicity of the heterologous prime-boost Ebola virus vaccine regimen ChAd3-EBO Z and MVA-BN® Filo in healthy UK adults. Tommy Rampling et al. University of Oxford, Oxford
14. Complement C5 deficiency or complement C6 deficiency found in 26% of meningococcal disease cases diagnosed in Black Africans presenting in Western Cape, South Africa. Ann Orren et al. University of Cape Town, Cape Town, South Africa
15. Live attenuated oral vaccine, age and anti-Vi antibody status at baseline significantly affect attack rate in a human Salmonella Typhi challenge model. Thomas Darton et al. *University of Oxford, Oxford*

16-20 to 16-30 **Comfort break & poster viewing**

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

Chairs & discussants - *Dr Anne Tunbridge (Sheffield), Dr Albert Mifsud (London)*

- A. Hidden sphere a pain in the ear. Gareth Hughes et al. City Hospital, Birmingham
- B. Recurrent meningitis, now what? Anand Odedra et al. Sheffield Teaching Hospitals, Sheffield
- C. Not (usually) on my turf! Manish Pareek et al. University of Leicester, Leicester
- D. More than meets the eye.... James Millard. Chelsea and Westminster Hospital, London
- E. The virus which "bends you up". Gayathri Nayar et al. North Bristol NHS Trust, Bristol
- F. And people say gardening is good for you. Megan Jenkins et al. Southmead Hospital, Bristol

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

Dr Martin Wiselka, Incoming President of the BIA

Professor Steve Green, BIA Meetings Secretary

Professor Tom Evans, BIA Scientific Secretary

Selected Poster Presentations:

- 01 Pyrexia of Unknown Origin, Still a Problem.... Louise Downs et al. Stoke Mandeville Hospital, Buckinghamshire
- 02 Assessing the impact of trust antimicrobial prophylaxis guidelines on the rates of implantable cardiac electronic device infections. Daniel Hammersley et al. Brighton and Sussex University Hospitals NHS Trust, East Sussex
- 03 Streptococcus equi subspecies zooepidemicus Meningitis following Otitis Media: A rare Zoonosis. Nicholas Laundry et al. Peterborough City Hospital, Peterborough/Cambridgeshire
- 04 Are all swans white? D Cocker et al. Royal Liverpool University Hospital, Liverpool
- 05 Epidemiology and Outcomes of Infective Endocarditis at Royal Liverpool University Hospital. Christopher Cousins et al. Royal Liverpool University Hospital, Liverpool
- 06 An interesting case of collapse: a diagnosis not to be missed. Sarah Hudson et al. Leicester Royal Infirmary, Leicester
- 07 Multi Drug Resistant Pulmonary Tuberculosis : A single centre's experience, including Time-to-Detection in liquid culture and efforts to shorten admission. Romelie Rieu et al. Northwick Park Hospital, London

- 08 When two should be one. Lawrence Armstrong et al. University Hospitals Southampton Foundation NHS Trust, Southampton
- 09 Delivering the right antibiotic? Review of the use of antibiotics for surgical site infection prophylaxis during caesarean section at Guy's and St Thomas' NHS Foundation Trust (GSTT). Rosemary Grain et al. Guy's, King's and St Thomas' School of Medicine, King's College London, London
- 10 Audit of the Royal College of Pathologists Critical Result Communication Key Performance Indicator using CSF Samples. Rachel Bousfield et al. Cambridge University Hospitals Foundation Trust, Cambridge
- 11 An EPIC Study of Time to Antibiotics. Katy Hickman et al. Cambridge University Hospitals Foundation Trust
- 12 High rates of both community acquired and health-care associated methicillin resistant Staphylococcus aureus infections in a large teaching hospital in Sri Lanka. Sarah Snow et al. University of Sheffield, Sheffield
- 13 The Grapes of Wrath. Marika Reinius et al. Oxford University Hospitals NHS Trust, Oxford
- 14 The unforgiving fever..... Juliette Mutuyimana et al. Leicester Royal Infirmary, Leicester
- 15 Strange clot...the plot thickens... Juliette Mutuyimana et al. Leicester Royal Infirmary, Leicester
- 16 A five year review of spinal infections at a tertiary infectious diseases referral centre. Ann Tivey et al. Imperial College School of Medicine, London
- 17 Bridging the systems gap. Chinenye Ilozue et al. James Cook University Hospital, Middlesbrough
- 18 A case of deranged LFTs in a patient with Hepatitis B. Celia Jackson et al. Brownlee Centre, Glasgow
- 19 A review of culture confirmed and presumed cases of enteric fever – do patients differ in demographic, clinical or blood parameters? Alina Phoolchand et al. University of Birmingham, Birmingham
- 20 Antimicrobial stewardship following introduction of the first UK hospital electronic healthcare system (EPIC). Suny Coscione et al. Cambridge University Hospitals Foundation Trust
- 21 Acute hepatitis requiring transplantation, an unusual clinical course. Isobel Ramsay et al. Royal Free Hospital, London
- 22 An audit of the compliance to the guidelines for management of invasive Group A Streptococcal (iGAS) infection in the acute healthcare setting at the University Hospital North Midlands (UHNM), Stoke-on-Trent. Louise Cristou et al. University Hospital North Midlands, Stoke-on-Trent
- 23 The first regional training event for Registrars in infection and histopathology. Luke Bedford et al. Addenbrooke's Hospital, Cambridge
- 24 Treating Chronic Hepatitis E: When is enough enough? John Evans et al. Guy's and St Thomas' NHS Foundation Trust, London
- 25 An infectious cause of splenic rupture and a pleural effusion. Megan Jenkins et al. Southmead Hospital, North Bristol NHS Trust, Bristol
- 26 A painful hip in a returning expatriate. Christopher Pollard et al. Worcestershire Royal Hospital, Worcestershire
- 27 Outcomes in Consecutive UK patients with hospital-acquired bacteraemia and fungaemia caused by Medical Devices and Procedures. Darshana Wickramasinghe et al. Barts Health NHS trust, Royal London Hospital, London
- 28 New Pneumonia? A novel pathogen teaches an old lesson. Alexandra Lake et al. Barnet Hospital, Royal Free London NHS Foundation Trust, London
- 29 The efficacy of Active Case Finding of contacts of active tuberculosis at identifying active and latent cases of tuberculosis in a London cohort. Vikram Joseph et al. London North West NHS Healthcare Trust, London
- 30 Occam's Razor or Hickum's dictum? Jessica Barrett et al. Queen's Hospital, Romford

- 31 Influenza SOS: Rapid Response to Emergency Hospital Admissions Winter 2014-15. Joanna Randall et al. Royal Devon & Exeter NHS Trust
 - 32 Epidemic Ebola: Development of local triage and management algorithms in a UK teaching hospital. Philippa Matthews et al. University of Oxford, Oxford
 - 33 One man and his dog.. Aneka Jhass et al. The Friarage Hospital, North Yorkshire
 - 34 Epidemic Ebola: Optimising patient pathways based on local experience of six suspected cases in a UK teaching hospital. Elham Khatamzas et al. Oxford University Hospitals NHS Trust, Oxford
 - 35 Congenital CMV in advanced HIV infection. Boingotlo Masake et al. Sheffield Teaching Hospitals NHS Trust
 - 36 Epidemic Ebola: Personal protective equipment (PPE) training – audit of uptake and experience in a UK teaching hospital. Philippa Matthews et al. Oxford University Hospitals NHS Trust, Oxford, UK
 - 37 For infection, think genetics and anatomy. Jennifer Tomlins et al. St Georges University Hospitals NHS Foundation Trust, London
 - 38 An old friend reappearing with many faces. Imogen Clarke et al. St George's NHS Foundation Trust, London
 - 39 A Pain in the Knee to Diagnose. Elen Vink et al. Leeds Teaching Hospitals Trust, Leeds
 - 40 Sun, Sea and Sand. Cristiano Van Zeller et al. Southend University Hospital, Essex
 - 41 Taking away more than you bargained for. Ghomaissa Rosie et al. Brighton and Sussex University Hospitals, Brighton
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Online registration is now available at <http://www.hartleytaylor.co.uk>