

British Infection Association 21st Annual Meeting

Thursday 17th May 2018

Cavendish Conference Centre
22 Duchess Mews, London W1G 9DT



Final Meeting Programme

08:45 to 09:10 **Registration, coffee/tea & poster viewing**

09:10 to 09:15 **Welcome**

Dr Albert Mifsud, President of the BIA

09:15 to 10:40 **Free Scientific Papers** (14 minutes each)

Chairs & discussants – Dr Chris Chiu (London), Dr Tristan Clark (Southampton)

1. Differences in the CSF host inflammatory response and clinical outcome in bacterial meningitis caused by *Streptococcus pneumoniae* and *Neisseria meningitidis* are unaffected by HIV-1 infection. [Emma Wall et al](#) University College London, London
 2. Whole genome deep sequencing of HIV reveals extensive multi-class drug resistance in Nigerian patients failing first-line antiretroviral therapy. [Kate El Bouzidi et al](#) UCL Division of Infection & Immunity, London
 3. HIV-1 viral protein R (Vpr) causes a global change to gene expression in primary CD4+ T cells following infection. [Christopher Ward et al](#) King's College, London
 4. Assessment of a malaria rapid diagnostic test compared with qPCR in healthy volunteers undergoing controlled human malaria infection. [Ruth Payne et al](#) University of Sheffield, Sheffield
 5. Polyspecific intravenous immunoglobulin in clindamycin-treated patients with streptococcal toxic shock syndrome: a systematic review and meta-analysis. [Tom Parks et al](#) London School of Hygiene and Tropical Medicine, London
 6. ARK-Hospital (Antibiotic Review Kit-Hospital) - A complex behaviour change intervention in secondary care to safely and substantially reduce antibiotic use. [Elizabeth Cross et al](#) Brighton and Sussex Medical School, Brighton
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10:40 to 11:00 **Coffee/tea & poster viewing**

11:00 to 11:30 **British Infection Association AGM**

Dr Albert Mifsud, Dr Mike Kelsey, Dr Katie Jeffery & Dr Hiten Thaker

11:30 to 12:25 **International Keynote Lecture**
Current Management and Latest Research on the Management of Drug Resistant TB

Dr Francesca Conradie, Clinical Advisor, Clinical Research Advisor, Clinical HIV Research Unit, Wits Health Consortium, Department of Medicine, University of Witwatersrand, Helen Joseph Hospital, Johannesburg, South Africa

Chair & discussant – Prof David Dockrell (Edinburgh)

12:25 to 13:15 **Lunch & poster viewing**

13:15 to 13:45 **UK State of the Art Lecture 1
Gut Microbiome**

Professor Barry J Campbell, Department Director of Postgraduate Research,
Gastroenterology Research Unit, Department of Cellular & Molecular Physiology,
Institute of Translational Medicine, University of Liverpool

Chair & discussant – Prof Martin Llewellyn (Brighton)

13:45 to 14:35 **Free Scientific Papers** (15 minutes each)

*Chairs & discussants –
Dr Natasha Ratnaraja (Birmingham)
Dr Peter Moss (Hull)*

**13:50 to 15:45
Associate Members Parallel Symposium
Antimicrobial Stewardship**

7. Direct contact with platelets modulates monocyte responses to *Mycobacterium tuberculosis*. Daniela E. Kirwan et al Imperial College London, London
 8. First blood-stage *P. falciparum* malaria vaccine candidate to show clinical efficacy in a controlled human malaria infection model. Angela Minassian et al The Jenner Institute, Oxford University, Oxford
 9. The immunogenicity of live attenuated influenza vaccine in Gambian children: insights into reduced efficacy and effectiveness against pandemic H1N1. Benjamin Lindsey et al Imperial College London, London
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14:35 to 15:00 **Coffee/tea & poster viewing**

15:00 to 15:50 **Free Scientific Papers** (15 minutes each)

Chairs & discussants – Dr Hiten Thaker (Hull) & Alec Bonnington (Manchester)

10. Antimicrobial prescribing 'app' fails to improve adherence to guidelines in junior doctors. Sheena Bhadresha et al Cambridge University Hospitals, Cambridge
 11. Evaluating the use of a 25-pathogen TaqMan Array Card for rapid diagnosis of viral, bacterial, and fungal respiratory pathogens in adult intensive care patients. Nick K. Jones et al Cambridge University Hospitals NHS Foundation Trust, Cambridge
 12. Chronic pulmonary aspergillosis (CPA) complicating tuberculosis is an unrecognised global public health issue: a cross-sectional survey. Iain Page et al The University of Manchester, Manchester
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15:50 to 16:20 **UK State of the Art Lecture 2
Clinical Implications of HPV Infection**

Professor Charles Lacey
Hull York Medical School, University of York, and GU / HIV Medicine
York Teaching Hospital

Chair & discussant – Prof Clifford Leen (Edinburgh)

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

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

Chairs & discussants – Dr William Lynn (London) & Dr Katie Jeffery (Oxford)

- A. In sight and out of mind. Blessing Essang et al Castle Hill Hospital, Hull
- B. Scratchings beneath the surface. Phillip Simpson et al Sheffield Teaching Hospitals, Sheffield

- C. Acute neurological presentation in an ex-Kruger National Park ranger. Thomas Boland et al Guy's and St Thomas' NHS Foundation Trust, London
 - D. Bleeding oesophageal varices: Common presentation, unusual aetiology. Melanie Etti et al Royal Free Hospital, London
 - E. A beast not from the East. Jennifer Tomlins et al Bart's Health NHS Trust, London
 - F. From silk roads to Meltemi winds. Alanah Proctor et al National Aspergillosis Centre, Manchester
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17:30 to 17:35 **Close of proceedings**

Dr Albert Mifsud, President of the BIA

Selected Poster Presentations:

- 01. Keeping an eye on the diagnosis. Dinesh Aggarwal et al Imperial NHS Healthcare Trust
- 02. TB or not TB – what is the infection? Sakib Rokadiya et al Barts Health NHS Trust, London
- 03. Cross-reactive antibodies to dengue and Zika virus envelope protein: panacea or Pandora's box? Shannon Gunawardana et al University of Oxford, Oxford
- 04. Late presentation and missed opportunities: an 11 year audit of newly diagnosed HIV in Newcastle upon Tyne (2007-2017). Joti Ahir et al University of Newcastle Medical School, Newcastle upon Tyne
- 05. Antimicrobial resistance: How Fixed Dose Combinations Could be India's Biggest Public Health Scare. Vishaal Dovedi et al Bart's and the London, London
- 06. Review of Mycobacterium Tuberculosis infection in HIV Co-Infected adults At Sarawak General Hospital, Malaysia. Han Hua Lim Sarawak General Hospital, Kuching, Malaysia
- 07. Tricks of the trade: an unexpected case of prosthetic valve endocarditis. Claudia Meyer et al Queen Alexandra Hospital, Portsmouth
- 08. Year of the Dog. Blair Merrick et al Royal Victoria Infirmary, Newcastle upon Tyne
- 09. Antimicrobial stewardship in haematology and oncology - the effect of pharmacy and infection specialist input. Patrick Lillie et al Hull and East Yorkshire Hospitals NHS Trust
- 10. Local Antibiotic Delivery Systems: Current and Future Applications for Diabetic Foot Infections. Hamed Sharaf et al Manchester Royal Infirmary, Manchester
- 11. Improving TB infection control in a regional hospital in the Eastern Cape, South Africa. Ilsa Louisa Haeusler et al NHS Thames Valley and Wessex Leadership Academy, Winchester
- 12. Staphylococcal bacteraemia: *Finding the path of least persistence*. Nisha Ranganathan et al Imperial College, London
- 13. The influences of demographics and departments on HIV testing in Tuberculosis patients within Newcastle upon Tyne Hospitals, 2010-2017. Thomas Jones et al Newcastle University Medical School, Newcastle upon Tyne.
- 14. The importance of the organism: A cellulitic story. Rohan Mehra Portsmouth Hospital Trust, Portsmouth.
- 15. Barriers to and facilitators of antibiotic stewardship in secondary care: a qualitative interview study of manager and clinician views. Emma Wiley et al University College London Hospitals NHS Foundation Trust, London
- 16. Initial management of community-acquired acute bacterial meningitis in a London teaching hospital. Arjun Chandna et al University College Hospital, London
- 17. Things IRON what they seem. Akish Luintel et al Whittington Hospital, London
- 18. Sepsis and hepatorenal syndrome after contact with sewage. Christopher Smith et al Imperial College London, London
- 19. What factors influence the control of Tuberculosis in Emergency Centres in the Western Cape, South Africa? A mixed methodology study based on a Knowledge, Attitude and Practice framework. Helen Casey et al University of Manchester, Manchester
- 20. Pericardial Tuberculosis: 9-year multicentre retrospective review. Waleed Chaudhry et al London NorthWest University Healthcare NHS Trust

21. Evaluating the utility of MRSA PCR in surgical patient flow; time for a rethink for hub-and-spoke laboratory models. Matthew O'Hare et al Imperial College London, London
22. Molecular diversity of Scottish *Cryptosporidium* species reported in humans. Lynne Ferguson et al Scottish Microbiology Reference Laboratories, Glasgow
23. No Pressure... Helena Bond et al Royal Victoria Infirmary, Newcastle upon Tyne
24. An antibiotic headache. Thomas Locke et al Sheffield Teaching Hospitals, Sheffield
25. How effective are we at preventing infections in immunocompromised patients? A multi-specialty audit. Laila Sayeed et al James Cook University Hospital, Middlesbrough
26. Strongyloides stercoralis in Guatemala: seroprevalence studies of healthy rural and immunosuppressed urban populations. Paul Arkell et al St George's University London, London
27. Acute meningitis investigation and initial management at a busy London teaching hospital. Rebecca Stout et al St George's University Hospital Trust, London
28. Forgotten disease, found in new location. Carlene Rowson et al Sheffield Teaching Hospitals, Sheffield
29. "T.B or not T.B.....that is the question" Juliette Mutuyimana et al Leicester Royal Infirmary Hospital, Leicester
30. Spots, clots and GCS drops. Jonathan Youngs et al St George's Hospital, London
31. A perilous complication of plastic surgery. Davina Sharma et al Guy's and St Thomas' NHS Foundation Trust, London
32. Severe presentation of atypical pneumonia associated pulmonary fungal infection. Findra Setianingrum et al University of Manchester, Manchester
33. The importance of the organism: A cellulitic story. Rohan Mehra Portsmouth Hospital Trust, Portsmouth
34. Clinical utility of multiple mycology laboratory techniques in the management of patients attending the National Aspergillosis Centre. Alanah Proctor et al National Aspergillosis Centre, Manchester
35. PrEP Pathfinder. Dr Chinonye Onyeocha Homerton University Hospital, London
36. Utility of cytology and histology in the diagnosis of active TB. Aishwarya Pai et al Imperial College London, London
37. Successful control of outbreak caused by clonally related pan-resistant *Acinetobacter baumannii* in an intensive care unit. Bushra Sultan et al Armed Forces Institute of Pathology, Rawalpindi, Pakistan
38. Aetiology of lymphocytic meningitis in a London hospital with high TB prevalence. Dr Clare Thakker et al Northwick Park Hospital, London
39. The diagnosis, investigation and management of non-lactational inflammatory breast masses at a London hospital in an area with high tuberculosis incidence. Alexander Keeley et al Northwick Park Hospital, London

Registration free of charge to BIA members
Online registration available at <http://www.hartleytaylor.co.uk>

“Companies ViiV Healthcare and Gilead supported the meeting through sponsorship of exhibition stand space.”

