Dear Colleague,

Welcome to the 20th Annual Antiviral Therapy & Drug Resistance Meeting at Wellcome Collection. Located on Euston Road, London, the conference centre provides all the facilities required for our delegates.

We would like to thank our colleagues on the Scientific Committee for preparing an excellent programme, once again covering a wide range of topics. This year’s programme sees the inclusion of clinical cases and also offers an opportunity for a selection of our speakers to present their yet-to-be-published research in progress, focusing on diagnosing blood-borne viruses in A&E. We feel that the programme will not only prove to be topical, but also allows for the inclusion of a number of healthy panel discussions throughout!

As in previous years we are able to offer reduced registration rates for scientists and clinicians in training, and also for BHIVA members. In addition, a number of Registration Scholarships have been made available to assist those with financial constraints to attend the conference.

We would like to thank each of our speakers for their invaluable contribution in helping to make the conference what we hope will be a great success. Finally, we would like to thank all of our sponsors and exhibitors for their continued support of the conference.

We hope that you enjoy the conference and find it of relevance to both your educational and your practical needs.

Professor Anna Maria Geretti  
Executive Chair  

Professor Jonathan Weber  
Honorary Chair

Scientific Committee

Dr Tristan Barber, Chelsea and Westminster Hospital, London  
Dr Marta Boffito, Chelsea and Westminster Hospital, London  
Dr Valerie Delpech, Public Health England  
Professor David Dunn, MRC Clinical Trials Unit, London  
Professor Anna Maria Geretti, Executive Chair, Institute of Infection and Global Health, University of Liverpool  
Professor Saye Khoo, University of Liverpool  
Dr Chloe Orkin, Barts Health NHS Trust, London  
Dr Laura Waters, Mortimer Market Centre, London  
Professor Jonathan Weber, Honorary Chair, Imperial College London
Programme

0830–1700  Registration and exhibition open

0900–0905  Welcome and Introduction
Professor Anna Maria Geretti, Institute of Infection and Global Health, University of Liverpool
Professor Jonathan Weber, Imperial College London

Debate 1: HIV PrEP
Chairs:  Professor Sarah Fidler, Imperial College London
Dr Nneka Nwokolo, Chelsea and Westminster Hospital, London
Mrs Marion Wadiba, Naz Project London (NPL)

0905–0930  Evolving evidence
Dr Jean-Michel Molina, Hôpital Saint-Louis, Paris, France

0930–0955  Tackling implementation
Dr Mags Portman, Mortimer Market Centre, London

0955–1015  Analysis and discussion

The Year in Review
Chair:  Professor Saye Khoo, University of Liverpool

1015–1050  Emerging data in HIV and Co-infections
Professor Lucy Dorrell, University of Oxford

Analysis and discussion

1050–1110  Morning Coffee

Debate 2: Starting therapy with transmitted HIV drug resistance
Chair:  Professor Anna Maria Geretti, Institute of Infection and Global Health, University of Liverpool

1110–1130  Epidemiology of recent HIV infections in the UK
Dr Valerie Delpech, Public Health England

1130–1155  Current UK trends in transmitted resistance to reverse transcriptase, protease and integrase inhibitors
Dr Tamyo Mbisa, Public Health England

1155–1215  Emerging evidence and knowledge gaps to inform treatment guidelines
Dr Marta Boffito, Chelsea and Westminster Hospital, London

Analysis and discussion

1230–1320  Lunch and Exhibitions

Keynote Lecture
Chair:  Professor Jonathan Weber, Imperial College London

1320–1350  Host genotypes associated with HCV transmission
Professor Bill Paxton, University of Liverpool
1350–1445  Research in Progress: Diagnosing blood-borne viruses in A&E
Chair: Professor Colm Bergin, St James’s Hospital, Dublin, Ireland

Abstracts:

BBV testing in the emergency department: The Royal London experience
Dr Sarah Ramsay, Barts Health NHS Trust, London

BBV testing in the emergency department: The Chelsea & Westminster experience
Dr Ann Sullivan, Chelsea and Westminster Hospital, London

BBV seroprevalence in the emergency department: The Royal Free and University College Hospital experience
Miss Georgina Ireland, Public Health England

BBV screening in the emergency department: Linkage to care
Dr Gaia Nebbia, Guy’s & St Thomas’ Hospital NHS Foundation Trust, London

BBV screening in the emergency department: From study to implementation
Dr Sarah O’Connell, St James’s Hospital, Dublin, Ireland

Discussion: The way forward

1445–1505  Afternoon Tea

1505–1545  Clinical Cases
Dr Tristan Barber, Chelsea and Westminster Hospital, London
Dr Laura Waters, Mortimer Market Centre, London

Debate 3: The outlook for patients with multi-class experience
Chair: Professor David Dunn, MRC Clinical Trials Unit, London

1545–1605  Setting the scene: Multi-class experience and the emerging pipeline
Professor Anna Maria Geretti, Institute of Infection and Global Health, University of Liverpool

1605–1625  Prevalence of multi-class drug resistance among HIV-positive children transitioning into adult care
Dr Jeannie Collins, MRC Clinical Trials Unit at UCL, London

1625–1650  The emerging pipeline: New integrase inhibitors
Dr Kirsten White, Gilead Sciences International

1650–1700  Analysis and discussion

1700  Close
Professor Anna Maria Geretti, Institute of Infection and Global Health, University of Liverpool
Professor Jonathan Weber, Imperial College London
Conference Information

Venue
Wellcome Collection
183 Euston Road, London NW1 2BE
Tel: +44 (0)20 7611 2222 www.wellcomecollection.org

Registration
The registration fee includes access to all scientific sessions, the exhibition area, lunch and refreshments throughout the conference.

Delegate badges
Badges must be worn at all times to gain access to the lecture theatre, catering and exhibition areas.

Continuing Professional Development (CPD)
Medical staff in career-grade posts who are enrolled with one of the Federations of Royal Colleges for Continuing Professional Development can receive CPD credits at the rate of one CPD credit per hour (exclusive of travel, refreshments or social activities). The conference has been allocated 6 CPD credits with the unique reference code: 106115. Certificates for attendance will be supplied in the conference pack that will be handed to you at the registration desk.

Scholarships

Community Registration
Places have been allocated to delegates attending the conference, on the basis of a maximum of one free-of-charge registration per community group.

Student Registration Scholarships
The conference has supported the registrations of three delegates, who are students, to attend the 20th Antiviral Therapy and Drug Resistance Meeting. These awards were made available to delegates who, through their applications, clearly showed they had financial constraints that would otherwise have prevented them from attending the conference.

Registration Scholarships in collaboration with NIHR Health Protection Research Unit in Emerging and Zoonotic Infections at University of Liverpool
The NIHR Health Protection Research Unit in Emerging and Zoonotic Infections at University of Liverpool have funded 16 registration places to the 20th Annual Antiviral Therapy & Drug Resistance Meeting, covering the delegates’ conference registration fees. The winners were allocated on a first-come, first-served basis.

Cloakroom
A manned cloakroom is available onsite, which is located on the ground floor of the Wellcome Collection. Personal items can be deposited free of charge. All belongings are left at the owner’s risk. The conference organisers do not accept responsibility for the loss of, or damage to, delegates’ personal property stored in the cloakroom area.

Exhibition
The exhibition represents an integral element of the conference, providing participants with an excellent platform for networking as well as an opportunity to gain further insight into cutting-edge technology, the latest healthcare solutions, and services within the fields of HIV, viral hepatitis and GU medicine. Entrance to the exhibition hall is free for all registered delegates.

Filming and photography
Please note that some still photography may take place at the conference. This might include general coverage of registration, the exhibition and the lecture theatre. This material may be published either in Mediscript Ltd publications or on the Mediscript Ltd website.
Biographies

Tristan Barber is currently a Consultant in HIV/GUM at Chelsea and Westminster Hospital. He is Chair of the BASHH HIV Specialist Interest Group and sits on the BHIVA Education and Scientific Subcommittee. He has a research background in clinical trials and HIV-related neurocognitive impairment.

Marta Boffito trained in general medicine and infectious diseases at the Universities of Turin, Italy and San Francisco, USA. She obtained her PhD in 2004 at the University of Liverpool, UK with a thesis on the pharmacokinetics and pharmacodynamics of antiretroviral therapy. Currently, she is a Consultant Physician (Chelsea and Westminster Hospital), Clinical Lead in Clinical Trials (St Stephen’s AIDS Trust), and a Reader (Imperial College London), where, in addition to her clinical duties, she is heavily involved in numerous research projects nationally and internationally.

Jeannie Collins is a senior research fellow at the MRC Clinical Trials Unit at University College London. She is an epidemiologist/health economist, specialised in paediatric HIV. She currently works on the UK and European paediatric cohort collaboration and is the Co-chair of the duration on first-line CIPHER global paediatric HIV cohort collaboration.

Valerie Delpech is a public health physician and epidemiologist leading on the national surveillance of HIV infections at Public Health England. She trained in medicine and public health in Australia and the UK and has extensive experience in communicable disease control and public health. Valerie’s research interests have focused on better understanding the epidemiology of HIV and STIs and public health interventions to prevent these infections among vulnerable populations. She serves on a number of national and international committees in relation to HIV surveillance, prevention and policy development and is an executive trustee for the National AIDS Trust.

Lucy Dorrell is Professor of Immunology, Senior Clinical Research Fellow and Jenner Investigator at the Nuffield Department of Medicine, University of Oxford. She holds an Honorary Consultant post in Sexual Health/HIV at Oxford University Hospitals NHS Trust. Her research focus is on the development of vaccines and T cell-based therapies for prevention and cure of HIV, HIV/hepatitis C co-infections and high-risk human papillomavirus infections (HPV).

Sarah Fidler is a clinical academic in HIV/GUM at Imperial College London and Imperial College Hospital NHS Trust. She trained as an academic clinical researcher and completed a PhD in laboratory-based immunology in 1998. She also completed specialist training in Medicine, and HIV and GUM and has been working in HIV clinical research for the past 20 years. Her main areas of research include the use of ART to prevent transmission and she is co-Principal Investigator of the HPTN071 (PopART) study. In addition, she runs studies testing the role of immediate treatment of acute HIV infection combined with strategic and novel intervention studies and leads the UK CHERUB collaboration on approaches towards a cure for HIV.

Anna Maria Geretti is Professor of Virology & Infectious Diseases at the Institute of Infection & Global Health of the University of Liverpool, and Honorary Consultant at the Royal Liverpool University Hospital, where she consults on virus infections, sees patients with HIV or chronic viral hepatitis, teaches and conducts research. She trained in Italy, the Netherlands and the UK and has a special interest in HIV, hepatitis B and hepatitis C infection. In these areas she contributes to the educational, scientific, and guideline-formation activities of national and international specialist societies and advisory bodies, including the British HIV Association, the British Association for HIV and Sexual Health, and the European AIDS Clinical Society (EACS). She was elected to the EACS Governing Board in 2009, and in 2012 was elected EACS Secretary. She is also a founding member of the recently formed British Society for NanoMedicine. Anna Maria’s research interests focus on antiviral therapy and drug resistance, virus genetic variability, viral co-infections and molecular diagnostics. She has published over 100 peer-reviewed articles, editorials, reviews and book chapters, runs capacity-building programmes for resource-limited countries and enthusiastically shares her expertise to train doctors and scientists.

Georgina Ireland is an epidemiologist with Public Health England, working on the sentinel surveillance of hepatitis A–E, HIV and HTLV, which aims to enhance our knowledge and understanding of blood-borne virus (BBV) testing. Georgina has particular interest in mapping the cascade of care for persons with BBVs and co-infections. Prior to this, Georgina worked in the statistical information team at Cancer Research UK and has published over 100 peer-reviewed articles, editorials, reviews and book chapters, runs capacity-building programmes for resource-limited countries and enthusiastically shares her expertise to train doctors and scientists.

Tamyo Mbisa is head of the Antiviral Unit within the Virus Reference Department at Public Health England. He obtained his PhD from the University of Ottawa in Canada and had a Postdoctoral Fellowship at the National Cancer Institute at Frederick, USA within the HIV Drug Resistance Program. He co-ordinates a UK network of NHS laboratories undertaking nucleotide sequencing for antiviral resistance (UK HIV Resistance Network). His research focuses on viral drug resistance and virus-host interactions.

Jean-Michel Molina is Professor of Infectious Diseases at the University of Paris Diderot - Paris 7, and Head of the Infectious Diseases Department at the Saint-Louis Hospital in Paris. He is the Chair of the Clinical Trial Group at the French National Agency for AIDS Research (ANRS), where multicentre clinical trials are reviewed and implemented in France. Working with the ANRS, Professor Molina has been the principal investigator of a number of clinical trials in HIV-infected patients. More recently, Professor Molina has broadened his field of interest to the prevention of HIV infection with antiretroviral and is leading the ANRS IPERGAY PrEP trial in men who have sex with men in France and Canada.
Biographies

Gaia Nebbia trained in virology and infectious diseases at the Royal Free and University College Hospitals in London. She gained her PhD in 2008 looking at host–virus (CMV and HCV) interaction in liver transplant recipients. During her time as Clinical Lecturer, funded by NIHR, she investigated the role of inhibitory co-receptors in chronic hepatitis B. Gaia currently works at St Thomas’ Hospital as Consultant in Virology.

Nneka Nwokolo is a consultant physician in HIV/GUM at 56 Dean Street, Chelsea and Westminster Hospital. She has a particular interest in HIV prevention and jointly established the first pre-exposure prophylaxis (PrEP) clinic in the UK. She has been actively involved in the development of guidelines for the monitoring of individuals on generic PrEP and is involved in clinical studies of PrEP and of early treatment of HIV infection. She established the Dean Street cohort, a prospective study of HIV-positive patients at 56 Dean Street, a clinic that makes over 400 new HIV positive diagnoses/year of which 45% are incident infections.

Sarah O’Connell is an Infectious Disease Consultant Research Fellow and MD candidate with Trinity College Dublin. She graduated with a medical degree from University College Cork in 2007 and completed the Higher Specialist Training scheme in infectious Diseases and General Internal Medicine with the Royal College of Physicians of Ireland in 2015. Research interests include HIV, hepatitis B and C disease epidemiology, and the study of novel blood-borne viral screening strategies. She is the Clinical Lead of the Emergency Department Blood-Borne Virus Screening Programme at St James’s Hospital that began routine testing on World Hepatitis Day 2015.

Bill Paxton and his group have aimed to better understand host as well as viral factors associated with HIV-1 transmission and/or disease progression. This has mainly involved identifying innate as well as adaptive immune responses that associate with viral replication and which drive viral evolution. More recently the focus has been on identifying host factors that associate with hepatitis C infection, especially in the context of HIV-1 co-infection.

Mags Portman is a Consultant in Sexual Health and HIV at Mortimer Market Centre, Central and North West London NHS Foundation Trust. She worked on the PROUD study and is on the BHIVA/BASHH PrEP Guidelines Writing Group. Her interests include HIV prevention and testing, specifically PrEP, and partnership working with the third sector.

Sarah Ramsay is a Specialty Registrar in GU Medicine and HIV at the Royal London Hospital. She completed her medical degree at the University of Glasgow where she also obtained a first class intercalated BSc in Microbiology. She is currently Specialist Registrar Lead of the Going Viral campaign, researching blood-borne virus testing within the emergency department.

Marion Wadiba is Chief Executive of NAZ, a London-based organisation providing sexual health promotion and HIV support services to Black, Asian and Minority Ethnic (BAME) communities for the past 25 years. She joined NAZ in 2012, setting up its policy and research team to provide the story behind the epidemiology on the disproportionate rates of HIV and STI’s within minority communities. NAZ is home to Joyful Noise, a choir for people living with HIV and the NAZ OSCARS (nOSCARS) the largest gathering in the UK to celebrate the achievements of volunteers, charities and individuals challenging HIV and homophobic stigma within minority communities.

Sarah Waters is a Consultant at the Mortimer Market Centre in London where she is HIV and Hepatitis Service Lead. She was Vice-chair of the 2015 BHIVA ART guidelines and now chairs this group; she is Vice-chair of the BHIVA Conferences subcommittee and Chair of the BASHH HIV Special Interest Group. Laura has an MD in antiretroviral simplification and switch, and is Principal Investigator for several first-line and switch studies at Mortimer Market.

Jonathan Weber is Vice Dean (Research) for the Faculty of Medicine, Imperial College London, Director of the Imperial Academic Health Science Centre, Director of the Imperial BioMedical Research Centre, and Director of Research for the Imperial College Healthcare NHS Trust. He is responsible for the pipeline of biomedical translation at Imperial, with a focus on stratification and patient characterisation. His own research area is in infectious diseases with a particular focus on the prevention of HIV infection. He co-led the UK MRC/DFID Microbicide Development Programme and was the Principal Investigator for the Wellcome Trust SPARTAC project, which defined the role of antiretroviral therapy at primary HIV infection. Jonathan is now leading the UK HIV Vaccine Consortium, developing prime-boost HIV vaccine candidates.

Kirsten White received her PhD in Microbiology and Immunology from Stanford University School of Medicine. She has worked on the biochemistry of HIV drug resistance and clinical trials at Gilead Sciences for the last 15 years.
Gold Sponsor

The Scientific Committee would like to extend grateful thanks to the Gold Sponsor of this meeting:

Gilead

280 High Holborn
London WC1V 7EE

Bronze Sponsor

The Scientific Committee also wish to express their thanks to the Bronze Sponsor of this meeting:

ViiV Healthcare

ViiV Healthcare UK Ltd
Stockley Park West, Uxbridge, Middlesex UB11 1BT

Sponsors have provided support towards the venue, equipment and catering costs of this meeting, but have had no input into, or influence over, the agenda or content or selection of speakers. Sponsors will have exhibition stands at this meeting promoting their products.

Registration Scholarships provided by:

For further information please contact the Conference Organisers:

Mediscript Ltd, 1 Mountview Court, 310 Friern Barnet Lane, London N20 0LD
Telephone: 020 8446 8898  email: conferences@mediscript.ltd.uk  web: www.mediscript.ltd.uk