

**The programme has been awarded 15 CPD credits by the Royal College of Pathologists. EACCME accreditation to be confirmed.**

MONDAY 9 NOVEMBER 2020					
09:45-10:00	<b>Welcome to conference</b> Professor Hilary Humphreys, President of the Healthcare Infection Society				DAY ONE
10:00-10:45	<b>Lowbury Lecture</b> Chair: Professor Hilary Humphreys  <b>Linking infection control to clinical management of infection to overcome antimicrobial resistance</b> Professor Evelina Tacconelli, Infectious Diseases, Department of Diagnostic and Public Health, University of Verona				
10:45	<b>BREAK</b>				
11:00-12:15	<b>Looking to the future – doing IPC differently</b> Infection Prevention Society  Chair: Professor Lesley Price	<b>Prosthetic joint infection management</b> European Bone and Joint Infection Society Chair: Dr Alex Soriano	<b>Optimising the use of existing antibiotics</b> Healthcare Infection Society  Chair: Dr Lisa Ridgway	<b>Behaviour change: From theory into practice</b> Healthcare Infection Society  Chair: Martin Kiernan	
	<b>Preventing catheter-associated urinary tract infections – what needs to change and how do we change it?</b> Sally Palmer, Nurse Consultant Infection Prevention and Control, Sherwood Forest Hospital NHS Foundation Trust  <b>OneTogether to prevent surgical site infection</b> Kathryn Topley, Scientific Affairs Manager, Medical Solutions Division, 3M UK PLC  <b>Defining an optimal infection prevention service</b> Dr Emma Burnett, Associate Dean International, University of Dundee	<b>PJI diagnostics – The EBJS perspective</b> Dr Alex Soriano  <b>The contemporary surgical treatment options for PJI</b> Professor Hamish Simpson, Edinburgh, UK  <b>Difficult to treat organisms in PJI: enterococci</b> Dr Marjan Wouthuyzen-Bakker, Infectious Disease Specialist, University Medical Centre Groningen, the Netherlands	<b>Improving diagnosis and AMS using biomarker-guided algorithms</b> Professor Enitan Carrol, Professor of Paediatric Infection, University of Liverpool and Alder Hey Children’s NHS Trust  <b>How do we “de-label” antibiotic allergy?</b> Dr Jason Trubiano, Director of Antimicrobial Stewardship and Drug and Antibiotic Allergy Services, Austin Health (Melbourne, Australia)  <b>How can we improve the efficacy of penicillins?</b> Dr Richard Everts, Department of Medicine, Nelson Hospital, New Zealand	<b>Speakers to be confirmed</b>	
<b>LUNCH BREAK</b>					
12:15-14:00	<b>12:30 – 13:00: Company symposium – to be confirmed</b>				
	<b>13:15 – 13:45: Company symposium - Shionogi</b>				

<p>14:00-15:15</p>	<p><b>Foodborne infection and One Health</b> Healthcare Infection Society  <i>Chair: Dr David Harvey</i></p>	<p><b>Updates in anaerobic infections</b> Microbiology Society and Society for Anaerobic Microbiology on Anaerobes <i>Chair: Dr Harriet Hughes</i></p>	<p><b>Decontamination in healthcare</b> Central Sterilising Club  <i>Chair: Gill Ellis-Pow</i></p>	<p><b>Bespoke infection training - how and why?</b> <i>(live interactive session)</i> Healthcare Infection Society  <i>Chair: Dr Joanna Walker</i></p>
	<p>José Miguel Cisneros Herreros, Clinical Unit of Infectious Diseases, Microbiology, and Preventive Medicine, Institute of Biomedicine of Seville (IBiS), University of Seville/CSIC/University Hospital Virgen del Rocío</p> <p><b>The One Health approach - why is it so important?</b> Professor Martyn Jeggo, ILRI Board Member, Member GCEID</p>	<p><b>C. difficile: Diagnosis, management and whole genome sequencing</b> Michael Perry, Deputy Lead Scientist, UK Anaerobe Reference Unit (UKARU), Public Health Wales, Cardiff, Wales</p> <p><b>Update of antimicrobial susceptibility testing of anaerobic bacteria</b> Sarah Copsey-Mawer, Senior Biomedical Scientist, UK Anaerobe Reference Unit (UKARU), Public Health Wales, Cardiff, Wales</p> <p><b>ARUMIC - The UKARU online MIC database for anaerobic bacteria</b> Trefor Morris, Lead Biomedical Scientist, UK Anaerobe Reference Unit (UKARU), Public Health Wales, Cardiff, Wales</p>	<p><b>The technical support available for infection control specialists</b> Andrew Birch, Authorising Engineer (Decontamination), Central Sterilizing Club</p> <p>Karen Tweed, UK</p> <p>Dr David Jenkins, UK</p>	<p>Join us in this live panel discussion with new Infection Consultants for a unique chance to gain personal insights into their innovative training experiences. The interactive session will provide an exciting opportunity for:</p> <ul style="list-style-type: none"> <li>•supervisors and trainees to be inspired to create, challenge and take risks in developing 'integrated' infection training;</li> <li>•employers and new consultant post applicants to stay connected with novel perspectives in meeting some of the harsh demands of current clinical, science, education and humanitarian infection practice</li> </ul> <p>Dr Becky Wilson, Consultant Microbiologist and IPC Doctor, NHS Grampian/NHS Orkney; National TPD for combined infection training</p> <p>Dr James Price, Consultant IPC and Antimicrobial Stewardship and Honorary Senior Lecturer Imperial College Healthcare NHS Trust</p> <p>Dr Bethany Davies Senior Lecturer in Infection, Brighton and Sussex Medical School Consultant in Infectious Diseases, Brighton and Sussex University Hospitals Trust</p> <p>Dr Vicki Parris Consultant in Infectious Diseases and Acute Medicine, London North West University Healthcare NHS Trust</p>
<p>15:15-15:30</p>	<p><b>BREAK</b></p>			

15:30-16:30	<b>COVID DEBATE</b> - The COVID-19 aerosol vs droplet smoking gun <i>(live interactive session)</i> Chair: Dr David Harvey  Dr Raymond Tellier Professor John Conly
16:30	<b>HIS AGM (HIS Members only)</b>

TUESDAY 10 NOVEMBER 2020				
08:00-09:00	<b>FREE PAPERS</b> Chair: To be confirmed  All presentations are 6 minutes (plus 3 minutes for questions)			
	<b>Persistence of <i>Pseudomonas aeruginosa</i> (PA) in hospital shower waters and drains and presence of antimicrobial resistance in the augmented-care setting</b> Özge Yetis			
	<b>Extended-spectrum <math>\beta</math>-lactamase-producing enterobacterales acquisition and incidence of bloodstream infections after relocating to a new hospital with 100% single-occupancy rooms: the MOVE study</b> Adriëne S. van der Schoor			
<b>Using metagenomics to study the impact of hospital stay on the human gut resistome</b> Dr Maho Yokoyama				
<b><i>Serratia marcescens</i> outbreak in a neonatal intensive care unit and the potential of whole-genome sequencing</b> Astrid Muyldermans				
10:00-10:45	<b>JD Williams Lecture – British Infection Association</b> <b>Pathogen genome sequencing, do we really need it for the management of infectious diseases?</b> Professor Judith Breuer, Professor of Virology Institute Child Health and Consultant Virologist Great Ormond Street Hospital, Institute Child Health, University College London			
10:45	<b>BREAK</b>			
11:00-12:15	<b>Infectious disease futures: trainee researcher spotlight.</b> Microbiology Society  Chairs: Professor Sheila Patrick and Dr Craig Williams	<b>Latest advances in Hepatitis C</b> British Infection Association  Chair: To be confirmed	<b>Construction to demolition: updates in healthcare water management</b> Royal Society for Public Health  Chair: Dr Susanne Surman-Lee	<b>COVID-19 and Influenza associated fungal infections</b> British Society for Medical Mycology Chair: Dr Lewis White
	<b>Not such a fun-guy: A case series of severe urological infections secondary to <i>Nakaseomyces glabrata</i> infection at Nottingham University Hospitals between 2017 and 2019</b> Dr Anna Wild	<b>Managing Hepatitis C in 'hard to reach' populations</b> Dr Peter Moss MD FRCP DTMH, Consultant in Infectious Disease, Hull University Teaching Hospitals, Honorary Senior Lecturer, Hull York Medical	<b>Waterless ICUs: Is this the future?</b> Dr Joost Hopman, Consultant Microbiologist, Radboud, University Medical Center, Netherlands  <b>Learning from mistakes: How</b>	<b>Immunology of COVID-19 associated aspergillosis</b> Dr Frank Vander Veerdonk  <b>Fungal disease and COVID-19 – A global update</b> Dr Elizabeth Johnson, UK

	<p><b>Hypervirulent <i>Klebsiella pneumoniae</i>: An emerging nosocomial threat</b> Stephen Raj James</p> <p><b>COVID-19 related encephalitis is not an unusual presentation</b> Dr Mariya Molai</p> <p><b>Antimicrobial resistance pattern of community-acquired urinary tract infection from different geographical regions of India</b> Dr Sarita Mohapatra</p>	<p>School</p> <p><b>Hepatitis control global aspect</b> Professor Graham Cooke, UK</p> <p><b>Hepatitis C genome and resistance</b> Professor Emma Thomson, UK</p>	<p><b>to get hospital water system design right</b> Dr Mike Weinbren, Consultant Microbiologist, Sherwood Forest Hospitals NHS foundation trust</p> <p><b>Hospital pools (hydrotherapy; birthing pools etc) the good, the bad and the downright disgusting</b> John V Lee, Director, PWTAG, Leegionella Ltd</p>	<p><b>Definitions for defining COVID-19 associated aspergillosis</b> Dr Lewis White FECMM, FRCPATH, Consultant Clinical Scientist, Public Health Wales Mycology Reference Laboratory</p>
12:15-14:00	<b>LUNCH BREAK</b>			
	<p><b>12:30 – 13:00: Practicality and functionality of a temporary isolation facility</b> Professor Brett Mitchell, GAMA Healthcare Ltd</p> <p><i>Sponsored symposium supported by GAMA Healthcare</i></p>			
	<p><b>13:15 – 13:45: How using technology has transformed the way we effectively managed our COVID-19 pandemic response</b> Dafydd Williams, Specialist Matron Infection Prevention, Betsi Cadwaladr University Health Board</p> <p><i>Sponsored symposium supported by Baxter</i></p>			
14:00-15:15	<p><b>HIS funded research</b></p> <p>Healthcare Infection Society <i>Chair: Dr Emma Boldock</i></p>	<p><b>Applying new technology to old IPC problems</b></p> <p>Healthcare Infection Society <i>Chair: Professor Peter Wilson</i></p>	<p><b>The hospital environment: Is it safe enough to prevent healthcare-associated infection?</b></p> <p>ESCMID/ESGNI <i>Chair: Professor Margreet Vos</i></p>	<p><b>Clinical conundrums in infection control - epidemiology enlightened by whole genome sequencing</b> <i>(live interactive session)</i> Welsh Microbiology Association <i>Chair: Dr Brendan Healy</i></p>

	<p><b>Weak organic acids for the prevention of catheter-associated urinary tract infections</b> Dr Nicola Irwin, Lecturer in Pharmaceutical Materials Science, Queen's University Belfast</p> <p><b>The effect of intestinal microbiota dysbiosis on growth and detection of carbapenemase producing enterobacteriaceae</b> Dr Caroline Chilton, Academic Fellow, University of Leeds</p> <p><b>How to reduce hospital acquired infection in a Zimbabwean neonatal unit: pilot qualitative and quality improvement work</b> Dr Felicity Fitzgerald, NIHR Academic Clinical Lecturer in Paediatric Infectious Diseases, UCL Great Ormond Street Institute of Child Health, London, UK/ Biomedical Research and Training Institute, Harare, Zimbabwe</p>	<p><b>Room decontamination: Should we ask for automatic room disinfection or enhanced cleaning?</b> Professor Deverick Anderson, Director of the Duke Centre for Antimicrobial Stewardship and Infection Prevention, Duke University</p> <p><b>Hand hygiene monitoring: Effective but is it practical?</b> Carolynn Greene, Doctoral Researcher / PhD Candidate, College of Nursing, Midwifery and Healthcare University of West London</p> <p><b>Surface environments: cleaning and materials</b> Lena Ciric, Associate Professor, University College London</p>	<p><b>Hospital pathogens spread by air</b> Dr Jean Ralph Zahar, Head of Infection Control unit, AP-HP, Avicenna Hospital, Bobigny</p> <p><b>Important hospital pathogens spread by water</b> Dr Susanne Surman-Lee, Consultant Clinical Scientist/ Public Health Microbiologist, Leegionella Ltd</p> <p><b>New technologies to improve the quality of hospital air and water. Do they work?</b> Professor Hilary Humphreys, Professor of Clinical Microbiology and Consultant Microbiologist, Royal College of Surgeons Ireland and Beaumont Hospital Dublin</p>	<p><b>Clostridioides difficile – where does it all begin?</b> Dr Claire Johnston, Specialist Registrar in Microbiology and Infectious Diseases, Public Health Wales</p> <p><b>COVID19 – staff and patients as Trojan Horses</b> Hibo Asad, Healthcare Epidemiologist, Health Protection CDSC, Public Health Wales</p>
15:15	<b>BREAK</b>			
15:30-16:30	<p><b>E-learning and AMR: Global educational solutions in AMS – British Society for Antimicrobial Chemotherapy</b></p> <p>Professor Dilip Nathwani FRCP OBE, Emeritus Honorary Professor of Infection, University of Dundee <i>Chair: Professor Philip Howard</i></p>			
16:30-17:15	<p><b>Year in IPC – Healthcare Infection Society</b> <i>Chair: Dr Jim Gray</i></p> <p>Dr Chris Lynch, Graham Ayliffe Training Fellow (Healthcare Infection Society), Sheffield Teaching Hospitals NHS Foundation Trust Dr Katie Prescott, Microbiology ST6 &amp; Graham Ayliffe Training Fellow (Healthcare Infection Society), Nottingham University Hospitals NHS Trust</p>			

## WEDNESDAY 11 NOVEMBER 2020

08:00-09:00	<p><b>FREE PAPERS</b> <i>Chair: To be confirmed</i></p> <p><i>All presentations are 6 minutes (plus 3 minutes for questions)</i></p> <p><b>A review of symptomatology, clinical progression and transmission dynamics in confirmed COVID-19 patients and potential</b></p>	<b>DAY 3</b>
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	<p><b>contribution of demographic characteristics on disease susceptibility – preliminary analysis</b> Miss Madalina Pavel</p> <p><b>Fight against COVID-19 in Africa: Positive lessons for future pandemics from Ghana</b> Professor Brian Godman</p> <p><b>Hospital-wide SARS-CoV-2 antibody screening in 4153 staff in a UK hospital - patterns of antibody detection</b> Dr Bethany Ferris</p>			
10:00-10:45	Barnet Christie Lecture – British Infection Association			
10:45-11:00	BREAK			
11:00-12:15	<p><b>How will we deal with antibiotic Armageddon?</b> British Society for Antimicrobial Chemotherapy <i>Chair: Dr David Jenkins</i></p>	<p><b>Clinical research priorities and collaborations</b> NITCAR (Live interactive session)  <i>Chair: Dr Jordan Skittrall</i></p>	<p><b>Global challenges in Infection Prevention and Control</b> IFIC and WHO  <i>Chair: Dr Neil Wigglesworth</i></p>	<p><b>Biotechnologies in infection: what is on the horizon?</b> Healthcare Infection Society  <i>Chair: Dr James Price</i></p>
	<p><b>Global issues surrounding the availability of antimicrobials</b> Professor Philip Howard, Consultant Antimicrobial Pharmacist, Leeds Teaching Hospitals NHS Trust</p> <p><b>Can we be optimistic about the antimicrobial pipeline</b> Professor David Livermore</p> <p><b>Antibiotic prescribing and resistance in primary care: implications for intervention</b> Dr Oliver Van Hecke, NIHR Academic Clinical Lecturer and General Practitioner, University of Oxford</p>	<p>Professor Peter Wilson, Consultant Microbiologist, UCLH</p>	<p><b>Electronic IPC modelling: an opportunity for standardized surveillance and outbreak forecasting</b> Professor Dr Nagwa Khamis</p> <p><b>Serious game as an educational program of IPC for HCW</b> Dr Thierry Lavigne</p> <p><b>Overview of the WHO 2019 global survey on infection prevention and control (IPC) and hand hygiene</b> Professor Benedetta Allegranzi</p>	<p><b>The role of biosensors to diagnose and optimise the treatment of infection</b> Professor Till T. Bachmann</p> <p><b>The role of nanopore metagenomics in the diagnosis and management of infection.</b> Dr Justin O'Grady</p>
12:15-14:00	LUNCH BREAK			
	12:30 – 13:00: Company Symposium – to be confirmed			
	13:15 – 13:55: Company Symposium - MSD			

<p>14:00 - 15:15</p>	<p><b>Microbiome and antimicrobial resistance</b> Microbiology Society  Chair: <i>Dr Craig Williams</i></p>	<p><b>High consequence infectious diseases in 2020</b> Healthcare Infection Society  Chair: <i>Dr Luke Moore</i></p>	<p><b>CPE and the environment: Experience, consequences and management options</b> Irish Society of Clinical Microbiologists Chair: <i>Professor Breida Boyle</i></p>	<p><b>Publishing your work: A beginner's guide to scholarly journal publication</b> Healthcare Infection Society  Chair: <i>To be confirmed</i></p>
	<p>Dr Paul Bowyer, Senior Lecturer in Molecular Biology, University of Manchester  Professor Gabriella Ochoa, Professor in Computing Science, University of Stirling</p>	<p><b>The adult HCID programme and COVID: impact and possible future</b> Dr Nick Price, Consultant in Infectious Diseases, Guys and St Thomas' Hospital  <b>The paediatric HCID programme and COVID: impact and possible future</b> Dr Alicia Demerjian, Paediatric infectious diseases consultant and epidemiologist, Evelina Hospital  <b>The impact of COVID on maternity pathways</b> Pat O'Brien, Consultant Obstetrician, University College London Hospitals</p>	<p><b>The importance of environmental CPE reservoirs in ongoing transmission of CPE</b> Dr Nualah O'Connell, Consultant Microbiologist, University Hospital Limerick, Ireland  <b>Experience in a model 4 University Hospital in Ireland</b> <b>Environmental reservoirs of CPE: Environmental design and the role of environmental screening</b> Dr Michael Weinbren, Consultant Microbiologist, Sherwood Forest Hospitals NHS foundation trust  <b>Environmental decontamination to control CPE. The old and the new</b> Professor Hilary Humphreys, Professor of Clinical Microbiology and Consultant Microbiologist, Royal College of Surgeons Ireland and Beaumont Hospital Dublin</p>	<p>Christine Fears, Editorial and Production Manager, Healthcare Infection Society  David Spencer, Senior Publisher - Health and Medical Sciences, Elsevier  Dr Gemma Winzor, Public Health England Midlands and East Region, Birmingham, United Kingdom</p>
<p>15:15- 15:30</p>	<p><b>BREAK</b></p>			
<p>15:30- 16:30</p>	<p>Clinical infection grand round – British Infection Association <i>(live interactive session)</i></p>			