

FIS 2021

Federation of Infection Societies Conference

Friday 5 November | Manchester Central, UK

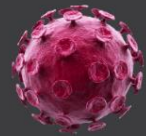
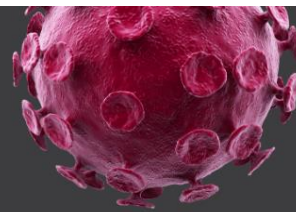
Monday 8 - Tuesday 9 November | Online



Hosted by



British Infection Association



The programme has been awarded 10 CPD credits by the Royal College of Pathologists. Any presentations viewed following the live event can be self-accredited via your CPD portfolio.

Please note that the programme timings are in GMT.

MONDAY 8 NOVEMBER 2021

09:20-09:30		Welcome		
	FIS THEATRE	JD WILLIAMS THEATRE	LOWBURY AUDITORIUM	
09:30-10:45	Aerosol generating procedures and COVID BIA (Live session) Chair: Dr Ed Moran	The role of sustainability, auditing and training in decontamination Central Sterilising Club Chair: Gill Ellis-Pow	No ID in PUO Welsh Microbiology Association Chair: Dr Brendan Healy	
	09:30 – 09:45 Professor Jonathan Reid, University of Bristol 09:45 – 10:00 Dr James Dodd, North Bristol NHS Trust 10:00 – 10:15 SARS-CoV-2 environmental contamination from hospitalised COVID-19 patients receiving aerosol generating procedures Dr Chris Green, University of Birmingham 10:15 – 10:45 Question and answer	09:30 – 09:45 Greening decontamination Rose Gallagher MBE, Royal College of Nursing 09:45 – 10:00 Role of audits in decontamination Sarah Marshall, Joint Advisory Group 10:00 – 10:15 Development of a training manual for decontamination Val O'Brien, Central Sterilising Club 10:15 – 10:45 Question and answer	09:30 – 09:45 Heavy petting Dr Clemency Nye, University Hospital Wales 09:45 – 10:00 When the drugs don't work Dr Gwennan Jones 10:00 – 10:15 Treating blindly Dr Shuchita Soni, Public Health Wales and Cardiff and Vales University Health Board 10:15 – 10:45 Question and answer	
10:45-11:00	BREAK			
11:00-12:15	WGS and AST in anaerobes The Society for Anaerobic Microbiology Chair: Harriet Hughes	Hospital acquired infection Healthcare Infection Society Chair: Nabeela Mughal	Optimising dosing for AMS UKCPA Pharmacy Infection Network Chair: Adel Sheikh	

DAY 2 – ONLINE

	<p>11:00 – 11:18 Developments in AST of anaerobes and AMR surveillance Trefor Morris, Lead Biomedical Scientist, UK Anaerobe Reference Unit (UKARU), Public Health Wales</p> <p>11:18 – 11:36 Fusobacterium necrophorum – what does WGS tell us? Michael Perry, Deputy Lead Scientist, UK Anaerobe Reference Unit (UKARU), Public Health Wales</p> <p>11:36 – 11:54 Biofilms, F. nucleatum and AST Sarah Kuehne</p> <p>11:54 – 12:15 Question and answer</p>	<p>11:00 – 11:15 Development and implementation of hospital-onset COVID-19 infection surveillance Dr James Price, Consultant IPC and Antimicrobial Stewardship and Honorary Senior Lecturer, Imperial College Healthcare NHS Trust</p> <p>11:15 – 11:30 Global applications of hospital-onset COVID-19 infection surveillance and integration into IPC systems Professor Benedetta Allegranzi, Infection Prevention and Control Technical Lead, World Health Organisation</p> <p>11:30 – 11:45 Hospital COVID-19 surveillance system using network analysis Professor Mauricio Barahona, Imperial College London</p> <p>11:45 – 12:15 Question and answer</p>	<p>11:00 – 11:15 Dosing of ABX in response to EUCAST Stephen Hughes, Consultant Antimicrobial Pharmacist, Chelsea and Westminster Hospital NHS Foundation Trust</p> <p>11:15 – 11:30 Dosing in Sepsis Marisa Lanzman, Senior Pharmacist Microbiology & ITU, Royal Free London NHS Foundation Trust</p> <p>11:30 – 11:45 Optimising dosing in paediatrics Orlagh McGarrity, Lead Antimicrobial Pharmacist, Great Ormond Street Hospital for Children NHS Trust</p> <p>11:45 – 12:15 Question and answer</p>
	LUNCH		
12:15-13:30	<p>12:30 – 13:00 a) Managing pneumonia in the post-COVID era – how do we do it? b) Premise: i. What has happened to MRSA post COVID? ii. MRSA screening strategies? iii. Management of MRSA respiratory infections</p> <p>Dr Abid Hussain BSc(hons), MBChB, MSc, FRCPath, Associate Medical Director & Infection Control Doctor, Cons Microbiologist, University Hospitals of Birmingham NHS Foundation Trust</p> <p><i>Sponsored company symposium supported by Menarini</i></p>		
	<p>13:00 – 13:30 Managing Complex Patients with Invasive Fungal Infections Dr Neil Stone, Consultant in Infectious Diseases and Microbiology</p> <p><i>Sponsored company symposium by Pfizer</i></p>		
13:30-14:45	<p>Leadership Infection Prevention Society <i>Chair: Jennie Wilson</i></p> <p>13:30 – 13:50 Truth to power: IPC as the champion of compassionate people-centred care Julie Storr, KSHC</p> <p>13:50 – 14:10 Leading in complex organisations and challenging times Dr Neil Wigglesworth, East Kent Hospitals University NHS Foundation Trust</p> <p>14:10 – 14:30 Humble leadership: The secret</p>	<p>Hot Topics in STIs: gonorrhoea AMR, mycoplasma genitalium and syphilis British Association of Sexual Health and HIV <i>Chair: Catherine Ison</i></p> <p>13:30 – 13:45 Gonorrhoea resistance and an update on management approaches Professor Jonathan Ross, University Hospitals Birmingham NHS Foundation Trust</p> <p>13:45 – 14:00 Atypical presentations of syphilis Dr Helen Fifer, Public Health England and Achyuta Nori, Guy's and St Thomas' NHS Foundation Trust</p> <p>14:00 – 14:15 Treatment challenges in symptomatic mycoplasma genitalium infection</p>	<p>COVID-19 and antimicrobial stewardship: what did we learn BSAC <i>Chair: Andrew Seaton</i></p> <p>13:30 – 13:40 Welcome Andrew Seaton, NHS Greater Glasgow and Clyde</p> <p>13:40 – 13:55 Local ASP reflections during COVID-19 pandemic Mark Gilchrist, Imperial College Healthcare NHS Trust</p> <p>13:55 – 14:10 Antimicrobial stewardship and COVID-19 on the ICU Felicia Lim, University Hospitals Leicester</p>

	ingredient in quality improvement project leadership Dr Matsikachando Moyo, Solent University 14:30 – 14:45 Question and answer	Dr Mike Rayment, Chelsea and Westminster Hospital 14:15 – 14:45 Question and answer	14:10 – 14:25 Antimicrobial stewardship and COVID-19 a national perspective Andrew Seaton, NHS Greater Glasgow and Clyde 14:25 – 14:45 Question and answer
14:45-15:00	BREAK		
	Future proofing antibiotic resistance: alternatives to antibiotic discovery Microbiology Society <i>Chair: Dr Lena Ciric</i>	Transplant infectious diseases British Infection Association <i>Chair: Neil Stone and Sara Murthy</i>	Trainee opportunities for audit and research in the UK NITCAR / BIA (<i>Live session</i>) <i>Chair: Susanne Hodgson</i>
15:00-16:15	15:00 – 15:15 Mapping bacteriophages to clinical need Prof Martha Clokie, University of Leicester 15:15 – 15:30 A synergy between natural products and vancomycin to combat vancomycin resistant enterococcus Professor Katie Laird, De Montfort University 15:30 – 15:45 Dr Curtis Donskey, University of Newcastle 15:45 – 16:15 Question and answer	15:00 – 15:15 Ex vivo perfusion and antimicrobial use in liver transplants Dr Emmanuel Wey, Royal Free Hospital 15:15 – 15:30 Outcomes of faecal transplants in stem cell transplant recipients Dr Rohma Ghani and Dr Frances Davies, Imperial College NHS Trust 15:30 – 15:45 Antimicrobial and anti-fungal stewardship in stem cell transplant recipients Dr Samir Aggarwal, Barts and the London NHS Trust 15:45 – 16:15 Question and answer	15:00: Introduction to session: Chris Chiu 15:02: Introduction to the BIA mentorship programme: Simon Stoneham 15:12: How a mentor improved my career – Case study: Malik Gibani 15:17: NITCAR update: Susanne Hodgson 15:22: What I learnt from undertaking a NITCAR project – Joyeeta Palit 15:30: The NITCAR project I would do: 4 potential supervisors present a brief summary of their work and the NITCAR project they would like to supervise: <ul style="list-style-type: none"> • 15:30: Chris Green - Birmingham • 15:40: Philippa Matthews - UCL • 15:50: Anna Goodman - Guys and St Thomas' • 16:00: Will Hope - Liverpool 16:10: Questions to panel

TUESDAY 9 NOVEMBER 2021

	FIS THEATRE	JD WILLIAMS THEATRE	LOWBURY AUDITORIUM	DAY 3 – ONLINE
09:30:- 10:45	<p>Setting up a new professional advice forum in COVID-19 UK COVID-19 Therapeutics Advice & Support Group</p> <p><i>Chair: Dr Anna Goodman and Dr Mike Brown</i></p>	<p>Understanding emerging biocide and antibiotic co-resistance Microbiology Society</p> <p><i>Chair: Dr Abid Hussain</i></p>	<p>Improving clinical care for people with NTM British Infection Association / NTM Network</p> <p><i>Chair: Professor Marc Lipman and Dr Danie Watson</i></p>	
	<p>09:30 – 09:45 Establishing a framework for a standardised national approach to COVID-19 therapeutics Professor Reecha Soffat</p> <p>09:45 – 10:00 Approaching new and repurposed antivirals in the early phase of the UK COVID-19 pandemic' Dr Lance Turtle</p> <p>10:00 – 10:15 Emergence of anti-inflammatory therapy in COVID-19 Dr Rachel Tattersall</p> <p>10:15 – 10:45 Question and answer</p>	<p>09:30 – 09:45 Professor Jean Yves Maillard</p> <p>09:45 – 10:00 Efficacy of biocides against klebsiella pneumoniae - From cross-resistance to antibiotics to the role on biofilm formation Marta Martins PhD, University of Dublin</p> <p>10:00 – 10:15 Rationalising Biocide Use in the Antimicrobial Era Dr Tina Joshi, University of Plymouth</p> <p>10:15 – 10:45 Question and answer</p>	<p>09:30 – 09:45 NTM microbiology: what to expect from your friendly reference laboratory Dr Esther Robinson, National Mycobacterial Reference Service - North and Central, Public Health England</p> <p>09:45 – 10:00 Extrapulmonary NTM (EP-NTM): not simply extra thoracic pulmonary disease Dr Anna Goodman, Guy's and St Thomas' Foundation NHS Trust, London</p> <p>10:00 – 10:15 Drug therapies for NTM: what's on the horizon? Professor Andres Floto, Cambridge Centre for Lung Infection, Royal Papworth Hospital, Cambridge & University of Cambridge Department of Medicine</p> <p>10:15 – 10:45 Question and answer</p>	
10:45- 11:00	BREAK			
11:00-	<p>European guidelines for the management of septic arthritis European Bone and Joint Infection Society (EBJI)</p> <p><i>Chair: Christen Ravn</i></p>	<p>Infectious disease futures Microbiology Society</p> <p><i>Chair: Dr Joey Shepherd and Tina Joshi</i></p>	<p>Antimicrobial resistance (AMR) diagnostics and antimicrobial stewardship: Association for Clinical Biochemistry - Microbiology Professional Group</p> <p><i>Chair: Dr Naomi Gadsby</i></p>	

<p>12:15</p>	<p>11:00 – 11:15 DiaGnosis of septic arthritis Natividad Benito, Infectious Diseases Senior Consultant - Hospital de la Santa Creu i Sant Pau, Barcelona</p> <p>11:15 – 11:30 Charles Vogely, UMC Utrecht</p> <p>11:30 – 11:45 European guidelines for the management of septic arthritis Alex Soriano, Head of Infectious Diseases Department, Hospital Clínic of Barcelona</p> <p>11:45 – 12:15 Question and answer</p>	<p><i>All presentations are 5 minutes plus 2 minutes for questions</i></p> <p>Clinical impact and public health challenges of a PVL-MRSA bacteraemia outbreak amongst the injecting drug user community in South Yorkshire Dr Matthew Beaumont</p> <p>Identification of a putative transcription factor in chlamydia trachomatis Ms Srishti Baid</p> <p>HIV-1 Vpr drives a tissue residency-like phenotype during selective infection of resting memory T cells Dr Ann-Kathrin Reuschl</p> <p>Lysosome Fusion Maintains Phagosome Integrity during Fungal Infection Dr Johannes Westman</p> <p>Evaluation of procalcitonin-guided antimicrobial stewardship in patients admitted to hospital with COVID-19 pneumonia Dr Maria Calderon</p> <p>A strep in the right direction: The prevalence of infective endocarditis in viridans group streptococci bacteraemia, a retrospective analysis Dr James Meiring</p> <p>Microbiota-derived metabolites inhibit Salmonella virulent subpopulation development by acting on single-cell behaviours Dr Alyson Hockenberry</p> <p>Establishing the predictive power of whole genome sequencing to determine antimicrobial susceptibility of Escherichia coli and Klebsiella pneumoniae Mr Luke Turner</p> <p>Klebsiella-macrophage arms-race: dissecting how the pathogen copes with a macrophage lifestyle Mrs Brenda Morris</p> <p>Serotype distribution and virulence characteristics of Group B Streptococcus causing colonization and invasive diseases in neonates and adults in a tertiary care hospital Dr Ruma Das</p>	<p>11:00 – 11:15 Use of whole genome sequencing for antibiotic resistance detection Dr Matthew Ellington, AMRHAI, PHE Colindale</p> <p>11:15 – 11:30 Rapid bacterial diagnostics and antibiotic stewardship Dr Andrew Conway Morris, University of Cambridge</p> <p>11:30 – 11:45 New developments in AMR detection Kerry Roulston, UCL</p> <p>11:45 – 12:15 Question and answer</p>
<p>12:15-13:30</p>	<p>LUNCH</p> <p>12:30 – 13:00</p> <p>A year of Cefiderocol in the UK Dr Felicia Lim: Consultant Microbiologist, University Hospitals Leicester and Emma Guthrie: Senior AMS and CCU Pharmacist, HCA Healthcare UK – London Bridge Hospital</p> <p><i>Sponsored company symposium supported by Shionogi</i></p>		

	13:00 – 13:30 Sponsored company symposium supported by Pfizer		
	Complex surgical infections: cutting to the chase British Infection Association <i>Chair: Dr Monique Andersson and Prof Martin McNally</i>	Vaccines MRC Vaccine Network <i>Chair: TBC</i>	Paediatric I&I <i>(Live interactive session)</i> The British Paediatric Allergy, Immunity and Infection Group <i>Chair: Dr Sanjay Patel and Stephane Paulus</i>
13:30-14:45	13:30 – 13:45 Importance of cross speciality working: Lessons from bone and joint infection clinical care and research Prof Martin McNally, Oxford University Hospitals 13:45 – 14:00 When source control is more difficult than it sounds: Vascular graft infections Rosie Darwood, Leeds Teaching Hospitals NHS Trust 14:00 – 14:15 Room for improvement in diagnostics: Challenges in the diagnosis and management of eye infections Dr Sri Sharma, Oxford Eye Hospital 14:15 – 14:30 Generating evidence in research lite areas: Designing clinically relevant studies to improve the management of complex abdominal infections Andrew Kirby, University of Leeds 14:30 – 14:45 Question and Answer		This session will have interactive cases based on common presentations that microbiologists are commonly consulted on. There will be the opportunity to interact through online polling.
14:45-15:00	BREAK		
	New developments in SARS CoV-2 diagnostics Association for Clinical Biochemistry - Microbiology Professional Group <i>Chair: Dr Rob Shorten</i>	Infection workforce workshop British Infection Association <i>Chair: David Partridge and Natasha Ratnaraja</i>	Paediatric mycology BSMM <i>Chair: Adilia Warris</i>
15:00-16:15	15:00 – 15:15 Molecular testing for SARS-CoV2 Dr Catherine Moore, Public Health Wales, Cardiff 15:15 – 15:30 Using lateral flow devices for COVID detection by the general public, concordance with PCR and peoples' behaviours Dr Derren Ready, PHE South West 15:30 – 15:45 SARS-CoV2 serological testing; natural and vaccine antibody detection	Presentation of the BIA workforce survey followed by open discussion.	15:00 – 15:15 Antifungal prophylaxis in paediatric hematopoietic cell transplant Dr Daniel Chang, Duke University, USA 15:15 – 15:30 Paediatric candidemia, a global perspective Dr Nelesh Govender, National Institute for Communicable Diseases, Johannesburg 15:30 – 15:45 Paediatric antifungal stewardship Professor Adilia Warris, University of Exeter 15:45 – 16:15

	Dr Kate Templeton, Royal Infirmary of Edinburgh 15:45 – 16:15 <i>Question and answer</i>		<i>Question and answer</i>
16:15-16:30	Closing remarks		