FISHIS INTERNATIONAL

9-11 NOVEMBER 2020 ONLINE



The programme has been awarded 15 CPD credits by the Royal College of Pathologists. Any additional presentations viewed following the live event can be self-accredited via your CPD portfolio.

MOND			

	LOWBURY AUDITORIUM			
09:45- 10:00	Welcome to conference Professor Hilary Humphreys, Pres	ident of the Healthcare Infection	on Society	
10:00- 10:45	Lowbury Lecture Chair: Professor Hilary Humphrey	s		
	_	_	overcome antimicrobial resistanc Diagnostic and Public Health, Univ	
10:45- 11:00	BREAK			
	LOWBURY AUDITORIUM	JD WILLIAMS THEATRE	BARNET CHRISTIE THEATRE	FIS THEATRE
11:00- 12:15	Looking to the future – doing IPC differently Infection Prevention Society	Prosthetic joint infection management European Bone and Joint Infection Society	Optimising the use of existing antibiotics Healthcare Infection Society	Behaviour change: From theory into practice Healthcare Infection Society
	Chair: Professor Lesley Price	Chair: Dr Alex Soriano	Chair: Dr Lisa Ridgway	Chair: Martin Kiernan
	11:00 – 11:15 Preventing catheter- associated urinary tract infections – what needs to change and how do we change it? Sally Palmer, Nurse Consultant Infection Prevention and Control, Sherwood Forest Hospital NHS Foundation Trust 11:15 – 11:30 OneTogether to prevent surgical site infection Kathryn Topley, Scientific Affairs Manager, Medical Solutions Division, 3M UK PLC 11:30 – 11:45 Defining an optimal infection prevention service Dr Emma Burnett, Associate Dean International, University of Dundee	11:00 – 11:15 PJI diagnostics – The EBJIS perspective Dr Alex Soriano Head of Infectious Diseases Department, Hospital Clínic of Barcelona 11:15 – 11:30 The contemporary surgical treatment options for PJI Professor Hamish Simpson, Professor of Orthopaedics and Trauma, University of Edinburgh 11:30 – 11:45 Difficult to treat organisms in PJI: enterococci Dr Marjan Wouthuyzen- Bakker, Infectious Disease Specialist, University Medical Centre Groningen, the Netherlands	In:00 – 11:20 Improving diagnosis and AMS using biomarker-guided algorithms Professor Enitan Carrol, Professor of Paediatric Infection, University of Liverpool and Alder Hey Children's NHS Trust 11:20 – 11:40 How do we "de-label" antibiotic allergy? Dr Jason Trubiano, Director of Antimicrobial Stewardship and Drug and Antibiotic Allergy Services, Austin Health (Melbourne, Australia) 11:40 – 12:00 How can we improve the efficacy of penicillins? Dr Richard Everts, Department of Medicine, Nelson Hospital, New Zealand 12:00 – 12:15	Speakers to be confirmed
	11:45 – 12:15		1 12:00 - 12:15	

LOWBURY AUDITORIUM

12:30 - 13:00: Resistance mechanisms and outbreaks

Dr David Jenkins, Consultant Medical Microbiologist & Lead Infection Prevention Doctor, University Hospital of Leicester

Sponsored symposium supported by Pfizer

13:15 - 13:45: Introducing cefiderocol - the "Trojan Horse" cephalosporin; a look at recent real world experience

Sponsored symposium supported by Shionogi

14:00-
15.15

Foodborne infection and One Health

LOWBURY AUDITORIUM

Healthcare Infection Society

Chair: Dr David Harvey

Microbiology Society and Society for Anaerobic Microbiology on Anaerobes Chair: Dr Harriet Hughes

JD WILLIAMS THEATRE

Updates in anaerobic

infections

Decontamination in healthcare **Central Sterilising Club**

BARNET CHRISTIE THEATRE

Chair: Gill Ellis-Pow

FIS THEATRE

Bespoke infection training how and why?

(live interactive session) **Healthcare Infection Society**

Chair: Dr Joanna Walker

14:00 - 14:20

The One Health approach why is it so important?

Professor Martyn Jeggo Adjunct Professor, Geelong Centre for Emerging Infectious Diseases (GCEID), Deakin University, Geelong, Australia

14:20 - 14:40

Insights from the 2019 Spanish listeria outbreak

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

14:40 - 15:00

Toxigenic corynebacteria from animal to man

Dr Norman K Fry, Laboratory Surveillance Lead - Vaccine Preventable Bacteria, Public Health England - National Infection Service

15:00 - 15:15 Question and answer

14:00 - 14:25 (Includes 10 minutes for Q&A) C. difficile: Diagnosis, management and whole genome sequencing

Michael Perry, Deputy Lead Scientist, UK Anaerobe Reference Unit (UKARU), Public Health Wales, Cardiff, Wales

14:25 - 14:50 (Includes 10 minutes for Q&A) **Update of antimicrobial** susceptibility testing of anaerobic bacteria

Sarah Copsey-Mawer, Senior Biomedical Scientist, UK Anaerobe Reference Unit (UKARU), Public Health Wales, Cardiff, Wales

14:50 - 15:15 (Includes 10 minutes for Q&A) **ARUMIC - The UKARU online** MIC database for anaerobic bacteria

Trefor Morris, Lead Biomedical Scientist, UK Anaerobe Reference Unit (UKARU), Public Health Wales, Cardiff, Wales

14:00 - 14:15

The technical support available for infection control specialists

Andrew Birch, Authorising Engineer (Decontamination), Central Sterilizing Club

14:15 - 14:30

Basics of decontamination

Karen Tweed, Deputy **Operations Director** (Decontamination), Sheffield Teaching Hospital Trust, Sheffield Teaching Hospital, **NHS Foundation Trust**

14:30 - 14:45

How do we know about outbreaks linked to decontamination breaches

Dr David Jenkins, Lead Infection Prevention Clinician, University Hospital Leicester

14:45 - 15:15 Question and answer

14:00 - 15:15

Join us in this live panel discussion with new Infection Consultants for a unique chance to gain personal insights into their innovative training experiences.

Dr Becky Wilson, Consultant Microbiologist and IPC Doctor, NHS Grampian/NHS Orkney; National TPD for combined infection training

Dr James Price, Consultant IPC and Antimicrobial Stewardship and Honorary Senior Lecturer Imperial College Healthcare **NHS Trust**

Dr Bethany Davies Senior Lecturer in Infection, **Brighton and Sussex Medical** School, Consultant in Infectious Diseases, Brighton and Sussex **University Hospitals Trust**

Dr Vicki Parris Consultant in Infectious Diseases and Acute Medicine, London North West University Healthcare NHS Trust

Dr Nikuni Mahida Consultant Microbiologist **Nottingham University** Hospitals NHS Trust Editor for Journal of Hospital Infection and Infection Prevention in Practice

15:15-15:30

BREAK

LOWBURY AUDITORIUM

15:30- 16:30	DEBATE - The COVID-19 aerosol vs droplet smoking gun (live interactive session) Chair: Dr David Harvey This house believes that a large proportion of Covid-19 cases occur by aerosol transmission, and it must be actively countered to control the pandemic For the motion: Dr Raymond Tellier, Associate Professor, Division of Infectious Diseases, Dept of Medicine, McGill University Canada Against the motion: Professor John Conly, Professor of Medicine, Department of Medicine (Infectious Diseases), Cumming School of Medicine, University of Calgary and Alberta Health Services
	HIS AGM (HIS Members only)
16:30	Registration for HIS members https://us02web.zoom.us/webinar/register/WN IRd9z-U8QnWHZmfBcHntpw

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TUESDAY 10 NOVEMBER 2020

TOESDAT	10 NOVEWIBER 2020					
	LOWBURY AUDITORIUM				DA	
	FREE PAPERS Chair: Dr Muhammad Halwai	ni			DAY TWO	
	All presentations are 6 minut	es (plus 3 minutes for questions)				
	Persistence of <i>Pseudomonas aeruginosa</i> (PA) in hospital shower waters and drains and presence of antimicrobial resistance in the augmented-care setting Özge Yetis					
08:00-	-	nase-producing enterobacterales single-occupancy rooms: the MO	-	dstream infections after relocating		
09:00	Using metagenomics to stud Dr Maho Yokoyama	y the impact of hospital stay on	the human gut resistome			
	Serratia marcescens outbrea Astrid Muyldermans	k in a neonatal intensive care un	it and the potential of whole-gend	ome sequencing		
	Clostridioides difficile spore survival upon recommended exposure to sodium hypochlorite disinfectant Dr Tina Lovleen Joshi					
	Real-time monitoring of aerosol generating dental procedures Dr Mehael Fennelly					
10:00-	JD Williams Lecture – British Infection Association Chair: Professor Martin Llewelyn					
10:45						
10:45	BREAK					
	LOWBURY AUDITORIUM	JD WILLIAMS THEATRE	BARNET CHRISTIE THEATRE	FIS THEATRE		
11:00- 12:15	Infectious disease futures: trainee researcher spotlight Microbiology Society	Latest advances in Hepatitis C British Infection Association	Construction to demolition: updates in healthcare water management Royal Society for Public Health	COVID-19 and Influenza associated fungal infections British Society for Medical Mycology		
	Chairs: Professor Sheila Chair: To be confirmed Chair: Dr Susanne Surman-Lee Williams Mycology Chair: Dr Susanne Surman-Lee Chair: Dr Lewis White Chair: Dr Lewis White					

All presentations are 6 minutes (plus 3 minutes for questions)

Impact of antibiotic timing on mortality from Gram negative Bacteraemia in an English District General Hospital: the importance of getting it right every time

Dr Ioannis Baltas

Not such a fun-guy: A case series of severe urological infections secondary to Nakaseomyces glabrata infection at Nottingham University Hospitals between 2017 and 2019 Dr Anna Wild

Hypervirulent Klebsiella pneumoniae: An emerging nosocomial threat Stephen Raj James

COVID-19 related encephalitis is not an unusual presentation Dr Mariya Molai

Antimicrobial resistance pattern of communityacquired urinary tract infection from different geographical regions of India Dr Sarita Mohapatra 11:00 – 11:15

Managing Hepatitis C in
'hard to reach' populations

Dr Peter Moss MD FRCP DTMH, Consultant in Infectious Disease, Hull University Teaching Hospitals, Honorary Senior Lecturer, Hull York Medical School

11:15 - 11:30 HCV and elimination

Professor Graham Cooke, Professor of Infectious Diseases, Imperial College London

11:30 – 11:45
Hepatitis C genomic diversity
and resistance to directacting antivirals
Professor Emma Thomson

Professor Emma Thomson, Professor of Infectious Diseases, MRC-University of Glasgow Centre for Virus Research

11:45 – 12:15 Question and answer 11:00 - 11:20

Waterless ICUs: Is this the future?

Dr Joost Hopman, Consultant Microbiologist, Radboud, University Medical Center, Netherlands

11:20 - 11:35

Learning from mistakes: How to get hospital water system design right

Dr Mike Weinbren, Consultant Microbiologist, Sherwood Forest Hospitals NHS foundation trust

11:35 – 11:50

Hospital pools (hydrotherapy; birthing pools etc) the good, the bad and the downright disgusting

John V Lee, Director, PWTAG, Leegionella Ltd

11:50 – 12:15

Question and answer

11:00 – 11:15

Immunology of COVID-19 associated aspergillosis

Dr Frank Vander Veerdonk, Infectious diseases specialist, MD, PhD, Radboudumc

11:15 – 11:30

Fungal disease and COVID-19 – A global update

Dr Elizabeth Johnson, Honorary Professor of Medical Mycology, Southmead Hospital

11:30 - 11:45

Definitions for defining COVID-19 associated aspergillosis

Dr Lewis White FECMM, FRCPATH,

Consultant Clinical Scientist, Public Health Wales Mycology Reference Laboratory

11:45 – 12:15 Question and answer

LUNCH BREAK

12:15-

14:00

LOWBURY AUDITORIUM

12:30 – 13:00: Assessing the functionality and infection control implications of the RediRoom

Professor Brett Mitchell, Professor of Nursing, Faculty of Health and Medicine, School of Nursing

Professor Brett Mitchell, Professor of Nursing, Faculty of Health and Medicine, School of Nursing and Midwifery, The University of Newcastle

Sponsored symposium supported by GAMA Healthcare

13:15 – 13:45: How using technology has transformed the way we effectively managed our COVID-19 pandemic response Dafydd Williams, Specialist Matron Infection Prevention, Betsi Cadwaladr University Health Board

Sponsored symposium supported by Baxter

	LOWBURY AUDITORIUM	JD WILLIAMS THEATRE	BARNET CHRISTIE THEATRE	FIS THEATRE	
14:00- 15:15	HIS-funded research	Applying new technology to old IPC problems	The hospital environment: Is it safe enough to prevent healthcare-associated infection?	Clinical conundrums in infection control - epidemiology enlightened by whole genome sequencing	
	Healthcare Infection Society Chair: Dr Emma Boldock	Healthcare Infection Society Chair: Professor Peter Wilson	ESCMID/ESGNI Chair: Professor Margreet Vos	(live interactive session) Welsh Microbiology Association Chair: Dr Brendan Healy	

14:00 - 14:25 (Includes 10 14:00 - 14:15 14:00 - 14:25 (Includes 10 minutes for Q&A) minutes for O&A) Weak organic acids for the Room decontamination: prevention of catheter-Should we ask for automatic associated urinary tract room disinfection or infections enhanced cleaning? Dr Nicola Irwin, Lecturer in Professor Deverick Anderson, **Pharmaceutical Materials** Director of the Duke Centre for 14:15 - 14:30 Science, Queen's University Antimicrobial Stewardship and **Belfast** Infection Prevention, Duke University 14:25 - 14:50 (Includes 10 minutes for Q&A) 14:25 - 14:50 (Includes 10 The effect of intestinal minutes for Q&A) Leegionella Ltd microbiota dysbiosis on Hand hygiene monitoring: growth and detection of Effective but is it practical? 14:30 - 14:45 carbapenemase producing Carolynn Greene, enterobacteriaceae Doctoral Researcher / PhD Dr Caroline Chilton. Candidate, College of Nursing, Academic Fellow, Midwifery and Healthcare University of West London University of Leeds 14:50 - 15:15 (Includes 10 14:50 - 15:15 (Includes 10 minutes for Q&A) minutes for Q&A) How to reduce hospital Surface environments: **Hospital Dublin** acquired infection in a cleaning and materials Zimbabwean neonatal Lena Ciric, 14:45 - 15:15 unit: pilot qualitative and Associate Professor, quality improvement work University College London 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 15:15-**BRFAK** 15:30

Hospital pathogens spread by

Dr Jean Ralph Zahar, Head of Infection Control unit, AP-HP, Avicenna Hospital, Bobigny

Important hospital pathogens spread by water

Dr Susanne Surman-Lee, Consultant Clinical Scientist/ Public Health Microbiologist,

New technologies to improve the quality of hospital air and water. Do they work? Professor Hilary Humphreys, **Professor of Clinical** Microbiology and Consultant Microbiologist, Royal College of Surgeons Ireland and Beaumont

Question and answer

14:00 - 15:15

Clostridioides difficile - where does it all begin?

Dr Claire Johnston, Specialist Registrar in Microbiology and Infectious Diseases, Public Health Wales

COVID19 – staff and patients as **Trojan Horses**

Hibo Asad, Healthcare Epidemiologist, Health Protection CDSC, Public Health Wales

LOWBURY AUDITORIUM

15:30-16:30

E-learning and AMR: Global educational solutions in AMS - British Society for Antimicrobial Chemotherapy

Professor Dilip Nathwani FRCP OBE, Emeritus Honorary Professor of Infection, University of Dundee

Chair: Professor Philip Howard

16:15 - 16:30 Question and answer

15:30 - 16:15

Year in IPC - Healthcare Infection Society

Chair: Dr Jim Gray

16:30-17:15

Dr Chris Lynch, G Graham Ayliffe Training Fellow and Microbiology ST6, Healthcare Infection Society and Sheffield Teaching **Hospitals NHS Foundation Trust**

Dr Katie Prescott, Microbiology ST6 & Graham Ayliffe Training Fellow (Healthcare Infection Society), Nottingham University **Hospitals NHS Trust**







WEDNESDAY 11 NOVEMBER 2020

	LOWBURY AUDITORIUM			
08:00- 09:00	FREE PAPERS Chair: Dr Jasmin Islam			
	All presentations are 6 minutes (plu Investigations, actions and learnin Dr Kordo Saeed		CoV-2 infection among health ca	re workers in the United Kingdom
	Procalcitonin as an antibiotic stew Dr Kordo Saeed	vardship tool in COVID-19 pat	ients in the intensive care	
	A review of symptomatology, clinic contribution of demographic characterists Miss Madalina Pavel			ID-19 patients and potential
	Fight against COVID-19 in Africa: F Professor Brian Godman	Positive lessons for future par	ndemics from Ghana	
	Hospital-wide SARS-CoV-2 antiboo Dr Bethany Ferris	dy screening in 4153 staff in a	UK hospital - patterns of antibo	dy detection
	Genomic and epidemiological inve outbreak of COVID-19 Dr Rhys Wenlock	estigations help to clarify the	extent of healthcare-associated	infection during a hospital
10:00-	Barnet Christie Lecture – British In Chair: Chris Chiu	fection Association		
10:45	Tuberculosis diagnostics to reduce Ankur Gupta-Wright, Clinical Lectu		ı	
10:45- 11:00	BREAK			
	LOWBURY AUDITORIUM	JD WILLIAMS THEATRE	BARNET CHRISTIE THEATRE	FIS THEATRE
11:00- 12:15	How will we deal with antibiotic Armageddon? British Society for Antimicrobial Chemotherapy	Clinical research priorities and collaborations NITCAR (Live interactive session)	Global challenges in Infection Prevention and Control IFIC and WHO	Biotechnologies in infection: what is on the horizon? Healthcare Infection Society
	Chair: Dr David Jenkins	Chair: Dr Jordan Skittrall	Chair: Dr Neil Wigglesworth	Chair: Dr James Price
	11:00 – 11:15 Global issues surrounding the availability of antimicrobials Professor Philip Howard, Consultant Antimicrobial Pharmacist, Leeds Teaching Hospitals NHS Trust	11.00 – 11:15 Setting research priorities in healthcare acquired infection Professor Peter Wilson, Consultant Microbiologist, UCLH 11:15 – 12:15	11:00 - 11:15 Challenging SARI Season 2020- 2021: How to control? Dr Nagwa Khamis, Professor of Clinical Pathology (Microbiology) and Director IPC Department, ASU and CCHE-57357	11:00 – 11:15 The role of biosensors to diagnose and optimise the treatment of infection Professor Till T. Bachmann, Deputy Head of Infection Medicine and Personal Chair of Molecular Diagnostics and Infection, University of
	Can we be optimistic about the antimicrobial pipeline	Which research topic should the UK infection	11:15 – 11:30 Management of a COVID-19	Edinburgh

	Professor David Livermore, Professor of Medical Microbiology, University of East Anglia 11:30 – 11:45 Antibiotic prescribing and resistance in primary care: implications for intervention Dr Oliver Van Hecke, NIHR Academic Clinical Lecturer and General Practitioner, University of Oxford 11:45 – 12:15 Question and answer	trainee community prioritise? Vote on a top 10 of research projects presented by trainees to help us choose NITCARs research direction.	outbreak in a French long- term care facility Dr Lavigne Thierry, Head of the Infection Control Unit, University Hospitals of Strasbourg, France 11:30 – 11:45 Situation analysis of infection prevention and control (IPC) and hand hygiene programmes worldwide Professor Benedetta Allegranzi, Infection Prevention and Control Technical Lead, WHO HQ	11:15 – 11:30 The role of nanopore metagenomics in the diagnosis and management of infection. Dr Justin O'Grady, Associate Professor in Medical Microbiology, Quadram Institute and University of East Anglia 11:30 – 11:45 Title to be confirmed Jesus Rodriguez Manzano, Lecturer in Antimicrobial Resistance and Infectious Diseases, Imperial College, London	
			11:45 – 12:15 Question and answer	11:45 – 12:15 Question and answer	
	LUNCH BREAK				
12:15-	LOWBURY AUDITORIUM				
14:00	12:30 – 13:00: Company Symposiu	m – Pfizer			
	13:15 – 13:55: Company Symposiu	m - MSD			
	LOWBURY AUDITORIUM	JD WILLIAMS THEATRE	BARNET CHRISTIE THEATRE	FIS THEATRE	
14:00 - 15:15	Microbiome and antimicrobial resistance Microbiology Society	High consequence infectious diseases in 2020 Healthcare Infection Society	CPE and the environment: Experience, consequences and management options Irish Society of Clinical Microbiologists	Publishing your work: A beginner's guide to scholarly journal publication Healthcare Infection Society	
	Chair: Dr Craig Williams	Chair: <i>Dr Luke Moore</i>	Chair: Professor Breida Boyle	Chair: <i>Dr Nikunj Mahida</i>	

	Dr Paul Bowyer, Senior Lecturer in Molecular Biology, University of Manchester 14:15 – 14:30 Combining mathematical modelling and artificial intelligence to support the design of antibiotic Treatments Professor Gabriela Ochoa, Professor in Computing Science, University of Stirling 14:30 – 14:45 Animals, Microbiome and Human Resistance Dr Adrian Muwonge, BBSRC Future Leader Fellow, The University of Edinburgh 14:45 – 15:15 Question and answer	programme and COVID: impact and possible future Dr Nick Price, Consultant in Infectious Diseases, Guys and St Thomas' Hospital 14:15 – 14:30 The paediatric HCID programme and COVID: impact and possible future Dr Alicia Demirjian, Paediatric infectious diseases consultant and epidemiologist, Evelina Hospital 14:30 – 14:45 The impact of COVID on maternity pathways Pat O'Brien, Consultant Obstetrician, University College London Hospitals 14:45 – 15:15 Question and answer	environmental CPE reservoirs in ongoing transmission of CPE Dr Nuala O'Connell, Consultant Microbiologist, University Hospital Limerick, Ireland 14:15 – 14:30 Environmental reservoirs of CPE: Environmental design and the role of environmental screening Dr Michael Weinbren, Consultant Microbiologist, Sherwood Forest Hospitals NHS foundation trust 14:30 – 14:45 Environmental decontamination to control CPE. The old and the new Professor Hilary Humphreys, Professor of Clinical Microbiology and Consultant Microbiologist, Royal College of Surgeons Ireland and Beaumont Hospital Dublin	David Spencer, Senior Publisher - Health and Medical Sciences, Elsevier 14:15 – 14:30 Writing your manuscript Christine Fears, Editorial and Production Manager, Healthcare Infection Society 14:30 – 14:45 An editor's viewpoint Dr Gemma Winzor, Public Health England Midlands and East Region, Birmingham, United Kingdom 14:45 – 15:15 Question and answer
			14:45 – 15:15 Question and answer	
15:15- 15:30	BREAK			
	LOWBURY AUDITORIUM			
15:30- 16:30	Clinical infection grand round – Bri Chair: Rajeka Lazarus All presentations are 6 minutes (plu Case one: Dr Sarah Walpole Case two: Dr Lisa Campisi Case three: Dr Milo Cullinan Case four: Dr Daniel Pan Case five: Dr Clare Leong Case six: Dr David Hettle			

14:00 - 14:15

The adult HCID

14:00 - 14:15

The lung mycobiome and AMR

14:00 - 14:15

The importance of

14:00 - 14:15

Publishing Models and Metrics