

5th International Conference on
INFECTION PREVENTION AND CONTROL

November 11-12, 2024
London, UK



Contact Us:

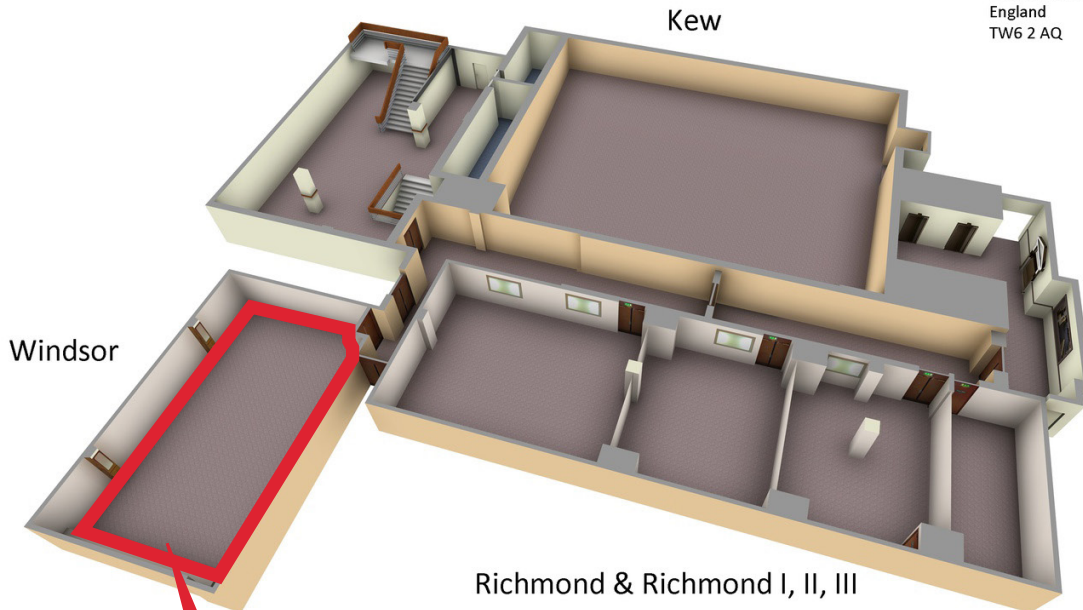
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Floor Map

LOWER GROUND FLOOR

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LONDON HEATHROW HOTEL
Bath Road, Hounslow
England
TW6 2 AQ



All dimensions must be checked on-site and not scaled from drawing

Phone +44 20 88976363
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Conference Hall



Wi-Fi Details:

Username: Marriott Guest

Password not required - Open Wi-Fi

Scientific Program

5th International Conference on **Infection Prevention and Control**

Day 1 - November 11, 2024

Meeting Hall: Windsor Suite

08:00 - 08:45 Registrations

08:45 - 09:00 Opening Ceremony and Introduction

Keynote Presentations

09:00 - 09:40 Lessons from COVID-19 Pandemic and Recommendation for Next Pandemic
Yaeko Mitsumori, Osaka University, Japan

09:40 - 10:20 "Continuous, *In-situ*-Targeted, Ultra-High Concentration of Antibiotics" (CITA) - A Novel Antibiotic Delivery Approach for the Treatment of Localized Infections
Moris Topaz, Tel Aviv Sourasky Medical Center, Israel

Networking & Refreshments @ York Lobby (10:20-10:45)

Oral Presentations

Session Chair **Lokesh Joshi, University of Galway and Aquila Bioscience, Ireland**

Session Chair **Veronica A Varney, St Helier Hospital, UK**

Sessions:

SARS-CoV | Bacteriology and Infectious Diseases | Viral Infections and Recent Advancements | Vaccines and Therapeutics | Infection, Immunity and Inflammation | Disinfection and Sterilization | Antimicrobial/ Antibiotic/ Antibacterial Resistance | Infection, Immunity and Inflammation | Surgical Site Infections | Influenza and Diagnostic Approaches | Infectious Diseases and Immune System | Nosocomial Infections and Control

10:45-11:10 Epidemiology, Characteristics and Outcome of Children Hospitalized with COVID-19 in Oman: A Multicenter Cohort Study
Farhana Al Othmani, Royal Hospital, Oman

11:10-11:35 Examining the Neutrophil Formyl Peptide Receptors and Their Role in Adult Respiratory Distress Syndrome (ARDS)
Veronica A Varney, St Helier Hospital, UK

11:35-12:00 Intracellular Bacteria Cause Chronic Disease by Altering the Innate Immune Response
Meg Mangin, Chronic Illness Recovery, USA

12:00 - 12:25 Safety and Immunogenicity of Live-attenuated YF17D-based Zika Virus Vaccine Candidate Produced in a Scalable High-yield Bioprocess
Ozeir Kazemi, Rega Institute KU Leuven, Belgium

12:25 - 12:50 Type IV Hypersensitivity Reaction
Khaled Marwa, University Hospital Southampton, UK

Group Photo: 12:50-13:00

Lunch @ Market garden Restaurant (13:00-14:00)

14:00 - 14:25 A Nature-Inspired, Safe and Effective Decontamination Technology for Non-Toxic Removal of Pathogens from Surfaces and Skin
Lokesh Joshi, University of Galway and Aquila Bioscience, Ireland

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14:25 - 14:50	Evaluation of Salt Tolerance Genes Expressed in Transgenes <i>Nicotiana tabacum</i> Mona Ali Albloushi, Ministry of Municipality, Qatar
14:50 - 15:15	Co-production of Bacillomycin D, Bacilysin and Macrolactins that are Antagonistic to <i>Malassezia</i> spp. by <i>Bacillus amyloliquefaciens</i> sp. from Marine Origin Yasmin Mirza, London School of Science and Technology, UK
15:15 - 15:40	From Basic Research to Drug Development - The Story of Glatiramer Acetate in the Treatment of Multiple Sclerosis and its Application for Additional Immune Mediated Disease Rina Aharoni, The Weizmann Institute of Science, Israel
15:40 - 16:05	A Guide to Stopping a Viral Infection. The Main Important Reservoir of Viruses Hidden in Carriers after Overcoming Infections is Intestinal Tract Vladimir Zajac, Cancer Research Institute, Slovakia
Networking & Refreshments @ York Lobby (16:05 - 16:30)	
16:30 - 16:55	Insights into Measles Virus: Serological Surveillance and Molecular Characterization Javed Muhammad, The University of Haripur, Pakistan
16:55 - 17:20	Moderately Low Effectiveness of the Influenza Quadrivalent Vaccine: Potential Mismatch Between Circulating Strains and Vaccine Strains Thamer AlOhal, King Abdulaziz Medical City, KSA
17:20 - 17:45	Exploration of Clinical, Immunological and Biological Marker Correlations to Predict Disease Severity in Non-Tuberculous Mycobacterial-Pulmonary Disease Patients (NTM-PD) Meyad Ali Alkarni, King Saud University, KSA
Poster Presentations (17:45 onwards)	
PP-01	The Infection Control Program in Catalonia, Spain. VINCat Program: Successes and Challenges of Prevention Enric Limon, Catalan Institute of Oncology and VINCat Program, Spain
PP-02	Antibiotics Circuit in French-Speaking Africa: Inventory, Challenges and Prospects Sana Boukary, Pharmacie Amirbouba, Burkina Faso
Day 1 Concludes followed by Certificate Felicitation	

5th International Conference on **Infection Prevention and Control**

Day 2 - November 12, 2024

Meeting Hall: Windsor Suite

Keynote Presentation

10:00 - 10:40 A Prompt Victory of Infection Control Against Rare Fungal Pathogens in a Large NHS Trust

Bushra Chaudhry, University Hospitals Dorset NHS Foundation Trust, UK

Oral Presentations

Session Chair **Mahmoud Huleihel**, Ben-Gurion University of the Negev, Israel

Sessions:

Microbial Immunology and Infection Control | Antimicrobial/ Antibiotic/ Anti-bacterials Stewardship | Virology | Neglected and Tropical Infectious Diseases | Antimicrobial/ Antibiotic/ Antibacterial Resistance | Microbiology | Microbial Biotechnology | Infection, Immunity and Inflammation | Bacterial, Parasitic and Fungal Infections | Infection Control in Critical Care

10:40 - 11:05 Effects of HTLV-1 Tax Oncoprotein on BRCA1 Expression and Function

Mahmoud Huleihel, Ben-Gurion University of the Negev, Israel

Networking & Refreshments @ York Lobby (11:05-11:30)

11:30 - 11:55 An Unfamiliar Fungal Pathogen, *Magnusiomyces capitatus*

Muhammad Ayhan Amir, University Hospitals Dorset NHS Foundation Trust, UK

11:55 - 12:20 Antibacterial Activity of Nanocomposites on Methicillin-Resistant *Staphylococcus aureus* (MRSA)

Suraj Thomas Alexander, Clarolif FZC, UK

12:20 - 12:45 Use of Superpulsed Laser Therapy in the Treatment of Surgical Wound Infection of Cardiac Surgery

Palmerindo Antônio Tavares de Mendonça Néto, Instituto Regenerar- Dor e Medicina Regenerativa, Brazil

12:45-13:10 Fabrication of Symbiotic Multicellular Assemblies by Using a Novel "Gel Layer-by-Gel Layer" Technique

Reem Al-Haidose, Ministry of Municipality, Qatar

Lunch @ Market garden Restaurant (13.10 - 14:00)

14:00 - 14:25 Management of *Staphylococcus aureus* Bacteraemia; A Comparison Between Two NHS Trusts

Hadia Zaheer Lone, University Hospitals Dorset NHS Foundation Trust, UK

14:25 - 14:50 Two Coins of Berberine Against *Clostridium perfringens*: Collateral Sensitivity and Cross/Co-resistance

Wenhui Wang, Huazhong Agricultural University, China

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14:50 - 15:15 *Visceral Leishmaniasis in Lebanon, A Report of Four Cases: Case Series and Review*
Oussaima El-dbouni, Aman Hospital, Qatar

15:15 - 15:40 *COVID-19 and Its Impact on Healthcare Workers: Understanding Stigma, Stress, and Quality of Life*
Khaled Marwa, University Hospital Southampton, UK

15:40 - 16:05 *Lateral Sensitivity and Combination of Licochalcone A with Antibiotics Against *Clostridium perfringens**
Wenhui Wang, Huazhong Agricultural University, China

Networking & Refreshments @ York Lobby (16:05 - 16:35)

Video Presentations

VP-01 *Mitigating Multi-Drug-Resistant *Candida auris* Outbreak in ICU: A Comprehensive Intervention Approach*
Estephania Padua, Sheikh Khalifa Specialty Hospital, UAE

VP-02 *Ecology of *Scedosporium* Species in Human Impacted Environments and Their Distribution in Soils of Northern Lebanon*
Sara Mina, Beirut Arab University, Lebanon

VP-03 *44415 A Novel Approach to Hand Hygiene Steps*
Zizi Wanis, Mediclinic Welcare Hospital, UAE

E-Poster Presentations

EP-01 *Legionella Pneumonia Complicated with Nephritis and Cerebral Hemorrhage*
Miryam Piccirillo, Ospedale del mare, Napoli, Italy

EP-02 *Inhibition of the Growth of Pathogenic Bacteria Through the Use of Extracts of Plant Origin*
Rocío Pérez y Terrón, Benemérita Autonomous University of Puebla, Mexico

Day 2 Concludes followed by Certificate Felicitation and Vote of Thanks

Virtual Program

5th International Conference on **Infection Prevention and Control**

Virtual Presentations

November 11, 2024 - British Summer Time (BST)

11:00-11:10 **Introduction**

Keynote Presentation

11:10 - 11:40 Advances in Microbiome Research Reveals Novel Predictive and Therapeutic Options for Childhood Eczema

Ting Fan LEUNG, The Chinese University of Hong Kong, Hong Kong

Presentations

11:40 - 12:05 The Detection of the Viral Nucleic Acid of Latent Viruses in Peripheral Blood Mononuclear Cells and Neutrophils of Healthy Subjects

Sahar Essa, Kuwait University, Kuwait

12:05 - 12:30 Efficacy, Safety, and Immunogenicity of mRNA-1345 for Respiratory Syncytial Virus Prevention in Adults: A Systematic Review

Manuji Bandara, University of Ruhuna, Sri Lanka

12:30 - 12:55 Commentary on the Impact of the COVID-19 Passports in Lithuania

Rimas Jankunas, Lithuanian University of Health Sciences, Lithuania

12:55 - 13:20 How Afghanistan is Tackling Infection Control: An In-Depth Evaluation of Practices and Strategies

Mohammad Naeem Lakanwall, Ministry of Public Health, Afghanistan

13:20 - 13:45 *In silico* Docking Studies on the Anticancer Effect of Curcumin as AKT Kinase Inhibitor

Selma HOUCHI, University of Ferhat Abbas Setif-1, Algeria

13:45 - 14:10 Knowledge Among Doctors, Residents and Medical Students in Lebanon of the Human Papillomavirus, its Vaccination and Cervical Cancer

Jacques Choucair, Saint Joseph University of Beirut and Hôtel-Dieu de France, Lebanon

14:10 - 14:35 *Aspergillus* Section *Fumigati* Isolated from Soil Samples in Lebanon: Molecular Identification and Azole Susceptibility Testing

Sara Khalife, Beirut Arab University, Lebanon

14:35 - 15:00 Genetic Analysis of Colistin Resistance, Associated Virulence Features and Antimicrobial Effect of *Saussurea lappa* in *Acinetobacter baumannii*

Umaira Ahsan, Green International University, Pakistan

15:00 - 15:25 The Prevalence of Urogenital and Intestinal Schistosomiasis Among School Age Children (6-13 years) in the Okavango Delta in Botswana

Tuduetso L Molefi, Botswana Ministry of Health, Botswana

15:25 - 15:50 Role of Antiviral Drugs and Monoclonal Antibodies in Treatment of COVID-19

Samia Elzwi, University of Benghazi, Libya

15:50 - 16:15 First Study on the Seroprevalence and Risk Factors of *Toxoplasma gondii* Infection in Slaughtered Chickens in Tripoli, Lebanon

Sara Khalife, Beirut Arab University, Lebanon

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16:15 - 16:40 **Integrative Single-Cell and Bulk Sequencing Analysis Reveals Microglia/Macrophage-Driven Angiogenesis via IL-6 Cytokines in GBM BVZ Subclasses**

Jian Shi, University of California, USA

End of Virtual Presentations

Bookmark The Dates

6th International Conference on
**INFECTION PREVENTION AND
CONTROL**

October 03-04, 2025
Paris, France

