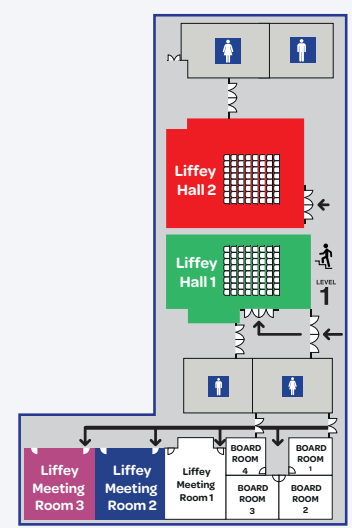


CONFERENCE PROGRAMME 2025

DAY 1: 19 MARCH

MEDICAL SCIENCE: SHAPING THE FUTURE

Liffey Hall 1	Liffey Hall 2	Liffey Meeting Room 3	Liffey Meeting Room 2
<p>09:30-11:00 Engagement and Advancement Advisory Body Chair: <i>Dr James O'Connor, Chief Medical Scientist, Microbiology, Bon Secours Hospital Cork</i></p> <p>The Precision Medicine Centre in Belfast, and the Future of Precision Medicine <i>Prof Manuel Salto-Tellez, Professor of Molecular Pathology, Queen's University Belfast and Institute of Cancer Research</i></p> <p>Collaborative Pathways: Integrating Data Science and Clinical Expertise for AI Innovation in Healthcare <i>Dr Andrew Hines, Lecturer School of Computer Science, University College Dublin</i></p> <p>11:00-14:30: Exhibition Viewing</p> <p>14:30-16:00 Microbiology Advisory Body Chair: <i>Nicola Boran, Specialist Medical Scientist, Microbiology, Rotunda Hospital</i></p> <p>WGS Analysis of Environmental and Healthcare Associated <i>Pseudomonas aeruginosa</i> <i>Kate Dever, Senior Medical Scientist, St Vincent's University Hospital</i></p> <p>A Bayesian Inference Approach to Identifying Routes of Infectious Disease Transmission in Hospital Settings <i>Dr Jess Bridgen, Senior Research Associate, School of Mathematical Sciences, Lancaster University</i></p> <p>Introducing AI in to Clinical Decision Making <i>Prof Richard Drew, Consultant Microbiologist, Rotunda Hospital and IMSRL</i></p>	<p>09:00-10:15 Digital Health Panel Discussion Intelligent Systems in Laboratory Medicine: Unlocking Potential and Overcoming Challenges Moderator: <i>Dr Fergus McAuliffe, iCRAG Education, Public Engagement and Communications Manager, UCD</i> Panellists: <i>Damien McCallion, HSE Chief Technology and Transformation Officer and Deputy CEO</i> <i>Prof Derek O'Keefe, Consultant Endocrinologist, University Hospital Galway</i> <i>Sophia Godau, Swedish Association of Health Professionals Board Member</i> <i>Esther Purcell, FACSML, Principal Biochemist, St Vincent's University Hospital</i></p> <p>10:15-12:00: Exhibition Viewing</p> <p>12:00-13:15 President's Welcome Address: <i>Sinead Creagh, Academy President</i> Plenary Address: <i>Prof Gerard Clarke, Principal Investigator APC Microbiome Ireland, UCC</i> The Little Things That Matter Most: A Primer on the Microbiome-Gut-Brain Axis in Stress-Related Disorders 13:15-14:30: Exhibition Viewing</p> <p>14:30-16:30 Clinical Chemistry Advisory Body Chair: <i>Caroline Reilly, Specialist Medical Scientist, Biochemistry, CHI Crumlin</i> AI: Applications in Healthcare <i>Prof Patricia Maguire, Director UCD Institute of Discovery</i> Blood Based Markers for Alzheimer's Disease <i>Dr Antoinette O'Connor, Consultant Neurologist, Tallaght University Hospital</i> FIB4: How a Simple Lab Test can Help Prevent Advanced Liver Disease <i>Dr Audrey Dillon, St Vincent's University Hospital</i> Calculated Globulin as an Indicator of Paraproteinemia to Support Earlier Detection of Multiple Myeloma <i>Aisling O'Brien, Medical Scientist, Cork University Hospital</i></p>	<p>11:00-11:30 Commercial Presentation Presented by: Clinisys Paper Title: Modernise diagnostic ordering and reporting with ICE: Achieve service efficiencies and streamline primary, secondary and community connectivity Speaker: <i>Michael Clancy, Business Development Director, Clinisys</i></p> <p>11:30-12:00 Commercial Presentation Presented by: Cepheid & Cruinn Paper Title: Point of Care PCR testing in the Emergency Department allows for Faster Decisions Speaker: <i>Pierre Le Roux, Medical Affairs, Cepheid</i></p> <p>12:00-13:15: Exhibition Viewing</p> <p>13:15-13:45 Commercial Presentation Presented by: bioMérieux Paper Title: Integrating for Patient Care Discover how integrating diagnostics and data and IT solutions can positively impact patient outcomes. Speaker: <i>Jamie Graham, Product Manager - Data and IT, UK and Ireland, bioMérieux</i></p> <p>13:45-14:15 Commercial Presentation: Presented by: Enfer Medical Paper Title: Enhancing Patient Outcomes through Partnerships, Automation and Transformative Laboratory Solutions Speaker: <i>Caroline Moore, Clinical Scientist, Enfer Medical</i></p> <p>14:30-16:00 Virology Advisory Body Chair: <i>Karen McGibney, Chief Technical Officer, NVRL</i></p> <p>At the Mercy of the AI Algorithm: Discrepant PCR Results <i>Dr Mark Zuckerman, Consultant Medical Virologist, Kings College Hospital NHS Foundation Trust</i></p> <p>Ireland's Polio Preparedness: Surveillance and Response Strategies <i>Charlene Bennett, WHO Programme Coordinator, NVRL</i></p> <p>Torque Teno Virus Loads as a Marker of Immunosuppression in Paediatric Kidney Transplant Recipients <i>Ellen Kelly, Senior Technical Officer, NVRL</i></p>	<p>14:30-16:15 President's Prize Presentations Chair of Judging Panel: <i>Bernadette Jackson, Point of Care Manager, Naas General Hospital</i></p>
<p>16:00-17:00 Exhibition Hall - Poster Competition Presentations Chair of Judging Panel: <i>Karen McGibney, Chief Technical Officer, NVRL</i></p> <p>17:00 - 18:00 Exhibition Hall - President's Reception</p> <p>19:00 - 22:00 The Ferryman - Social Evening (Ticket Only)</p>	<p>16:00-17:00 Exhibition Hall - Poster Competition Presentations Chair of Judging Panel: <i>Karen McGibney, Chief Technical Officer, NVRL</i></p> <p>17:00 - 18:00 Exhibition Hall - President's Reception</p> <p>19:00 - 22:00 The Ferryman - Social Evening (Ticket Only)</p>		



DAY 2: 20 MARCH

MEDICAL SCIENCE: SHAPING THE FUTURE

Liffey Hall 1	Liffey Hall 2	Liffey Meeting Room 3	Liffey Meeting Room 2
<p>10:30-12:00 Cellular Pathology Advisory Body Chair: <i>Laura Clifford, Chief Medical Scientist, Pathology, Bon Secours Hospital, Tralee</i></p> <p>Implementation of an ISO15189 Accredited NGS Service in a Clinical Diagnostic Lab for Tissue and Plasma <i>Dr Reilten Werner, Chief Medical Scientist, Pathology, Cork University Hospital</i></p> <p>Annotation and Reporting of Clinically Actionable Cancer Genomic Variants <i>Prof Aedin Cullhane, Professor of Cancer Genomics, University of Limerick</i></p> <p>Laying Foundations for the Future: Digital Pathology Implementation in Belfast <i>Dr Clinton Boyd, Consultant Pathologist, Belfast Health and Social Care Trust</i></p> <p>12:00-15:00: Exhibition Viewing</p> <p>15:00-16:30 Transfusion and Transplantation Advisory Body Chair: <i>Fabian McGrath, Lecturer Transfusion, TU Dublin</i></p> <p>National Transfusion Advisory Group <i>Dr Sorchá Ni Loingsigh, Clinical Advisor in Transfusion, National Clinical Programme - Pathology</i></p> <p>DaraEx Plus Validation in BioRad System for Patient Samples Containing Anti-CD38 <i>Una Gaughan, Senior Medical Scientist, Blood and Tissue Establishment, University Hospital Galway</i></p> <p>TCR αβ+/CD19+ Cell Depletion in Haploidentical Hematopoietic Allogeneic Stem Cell Transplantation: A Case Report from CHI on a National first! <i>Paul Lynam, Chief Medical Scientist, CHI Crumlin</i></p>	<p>09:00-10:15 Precision Medicine Panel Discussion Navigating Opportunities and Challenges in Laboratory Cancer Diagnostics Moderator: <i>Dr Fergus McAuliffe, iCRAG Education, Public Engagement and Communications Manager, UCD</i> Panellists: <i>Dr Dearbhailé Collins, Consultant Medical Oncologist, Cork University Hospital and Clinical Lead Molecular Tumour Board</i> <i>Prof Manuel Salto-Tellez, Professor of Molecular Pathology, Queen's University Belfast and Institute of Cancer Research</i> <i>Prof Sean Hynes, Consultant Histopathologist, University Hospital Galway and Professor in Pathology at the University of Galway</i> <i>Teresa Loftus, Chief Medical Scientist, Molecular Laboratory, Beaumont Hospital</i></p> <p>10:15-12:00: Exhibition Viewing</p> <p>12:00-13:15 From Ireland to Space: Breaking Barriers to Reach the Stars Keynote Speaker: <i>Dr Norah Patten, Aeronautical Engineer</i> President's Prize and Poster Awards</p> <p>13:15-15:00: Exhibition Viewing</p> <p>15:00-16:30 Haematology Advisory Body Chair: <i>Dr Claire Wynne, Lecturer Haematology, TU Dublin</i> Case Studies in Malignant Haematology - Current and Future Issues <i>Sean Rooney, Chief Medical Scientist, CHI Crumlin</i> Routine Hospital Laboratories - Is There Room for Research? <i>Prof Mary Cahill, Consultant Haematologist, Cork University Hospital</i> Laboratory Diagnosis of Heparin-Induced Thrombocytopenia (HIT) <i>Sean Lawlor, Senior Medical Scientist, National Coagulation Lab, St James' Hospital</i></p>	<p>10:15-10:45 Commercial Presentation Presented by: Eurobio Scientific UK Paper Title: EndoPredict, a NICE-Recommended in-vitro Test for Breast Cancer Prognosis & Chemotherapy Benefit Prediction Speaker: <i>Dr George Bowley, Market Development Manager, Oncology, Eurobio Scientific UK</i></p> <p>10:50-11:20 Commercial Presentation Presented by: TRUPCR & Medical Supply Company Paper Title: Pharmacogenomic Testing of DPYD for Predicting Fluoropyrimidine Toxicity Speaker: <i>Harminder Singh, CEO, TRUPCR</i></p> <p>11:25-11:55 Commercial Presentation Presented by: Siemens Healthineers & Cruinn Paper Title: Where Automated Haematology meets Artificial Intelligence: from screening to microscopic confirmation Speaker: <i>Dr.ssa Sofia Chiatomone Ranieri, Lab Director of the Clinical Pathology Unit at ASL Teramo, Italy</i></p> <p>12:00- 15:00: Exhibition Viewing</p> <p>15:00-16:30 Point of Care Advisory Body Chair: <i>Dermot McBrierty, Senior Medical Scientist, Beaumont Hospital</i> Near Patient Testing: SARS-CoV-2 & Influenza A/B: the Beaumont Experience <i>Gemma O'Brien, Near Patient Testing Manager, Beaumont Hospital</i></p> <p>Electronic Storage of Patient Blood Gas Reports via Connectivity to Laboratory Information System <i>Bernadette Jackson, Point of Care Manager, Naas General Hospital</i></p>	<p>10:30-11:30 Final Year Project-Undergrad to Medical Scientist <i>Gavin Buckley, Medical Scientist, Cork University Hospital</i> <i>Cindy Chong, Medical Scientist, University Hospital Galway</i></p> <p>14:00-15:00 ACSLM AGM</p>

