

BioMedica2018 - RDS Ballsbridge, Dublin 4
24th and 25th April 2018

Taking Laboratory Medicine to the Patient

DRAFT Tuesday 24th April 2018

10.30	Official Opening – Minister for Health, Simon Harris TD	Industries Hall
	Clinical Chemistry	Dodder B
	Chair: Mick Amoruso, Senior Medical Scientist, Cappagh National Orthopaedic Hospital	
11.00- 11:40	High Sensitive Troponin Assays sets new standards for cooperation between the Laboratory and the Cardiologists	
	Dr David C. Gaze, Lecturer in Clinical Biochemistry, Department of Biomedical Science, Faculty of Science and Technology, University of Westminster	
11:40- 12:00	Quantification of Salivary Cortisol & Cortisone by Mass Spectrometry and its clinical translation	
	Keith Mulready, Sp. Medical Scientist, Mater Misericordiae University Hospital and University College Dublin (UCD)	
12:00-12:20	GFR measurement using Iohexol in a paediatric population	
	Carl Talbot, Clinical Biochemist, Temple St. Children’s University Hospital	
12:20- 12:40	Growth Differential Factor-15: A novel diabetic kidney disease biomarker	
	Siobhán Hamon, Medical Scientist, University Hospital Galway	
12.40-13.00	MedLIS Update	
	Margaret Hylands, National OCM Lead, MedLIS Project	
	Haematology	Dodder A
	Chair: Dr Claire Wynne, Dublin Institute of Technology	
11.00-11.40	Paroxysmal Nocturnal Haemoglobinuria (PNH).	
	Dr Cleona Duggan, Consultant Haematologist, Cork University Hospital.	
11.40-11.55	Detection of MRD in Mantle Cell Lymphoma by Flow Cytometry.	
	Eoin Kenny, Medical Scientist, St James’s Hospital	
11.55-12.10	The Evaluation of Sysmex XN Series Optical Red Cell Parameters in Patients with High MCHCs.	
	Jane Culligan, Medical Scientist, Mater Misericordiae University Hospital	
12.10-12.25	Haematinics Deficiency and Macrocytosis in middle aged and older Adults	
	Trish Hyland, Medical Scientist, Cork University Hospital	
12.25-12.40	Extended Reticulocyte Parameters on the Cell Dyn Sapphire Analyser in the Investigation of Iron Deficiency Anaemia.	
	Eadaoin O’Callaghan, Medical Scientist, Naas General Hospital	
12.40-12.55	An investigation into the role of anti-thrombin in Platelet Function.	
	Anna O’Driscoll, Medical Scientist, St James’s Hospital	
13.00 – 13.45	LUNCH	
	Cellular Pathology	Dodder A
	Chair: Ciarán Love, Chief Medical Scientist, Tallaght University Hospital	
13:30- 14:05	Does Dublin need a Centralised Pathology Service?	

	Aisling O'Connor, Senior Medical Scientist, Mater Private Hospital	-
14.05-14.40	Histopathology Reporting by Scientists – A UK Experience	
	Dr Jo Horne, Advanced Practitioner Healthcare Scientist, University Hospital Southampton	
14.40-15:15	Digital Pathology	
	Dr Bethany Williams, Leeds Teaching Hospitals NHS Trust	
15.15-15.45	Naevi, Melanomas & I don't Knows. The Good the Bad & the Ugly of Melanocytic Pathology	
	Prof Rob Landers, Consultant Histopathologist, University Hospital Waterford.	
	Immunology	Dodder B
	Chair: Cian Ryan, Medical Scientist, Mater Misericordiae University Hospital,	
13:45-14:15	Clinical use of CSF biomarkers	
	Prof Brian Lawlor, Consultant Psychiatrist, St James Hospital	
14.15-14:45	Autoimmune encephalopathies and paraneoplastic antibody testing introduced in St James's Hospital	
	Rachel Kiersey, Senior Medical Scientist, St James Hospital	
14:45-15:15	Case study: An atypical presentation of GBM antibodies	
	Mary Casey, Medical Scientist, St. Vincent's University Hospital	
15.15-15:45	Specific IgE allergy guidelines update	
	Dr Mary Keogan, Consultant Immunologist, Beaumont Hospital	

	Taking Laboratory Medicine to the Patient Plenary Session Tuesday 24th April	Dodder B
	15.45 – 18.00	
	Taking Laboratory Diagnostics to the Patient	
	Dr Nicky Fleming, Consultant Biomedical Scientist, Primary Care NHS	
	Think like a Patient Act like a Taxpayer	
	Ann O'Shea, Head of Service, Primary Care and Community Healthcare Dublin South, Kildare and West Wicklow	
	Point of Care- National perspective	
	Ber Jackson, POCT Manager, Naas General Hospital	
18.15-19.30	President's Reception The Academy invites all Visitors, Exhibitors and Members to Celebrate BioMedica 2018	

Wednesday 25th April 2018

	Molecular Diagnostics	Dodder B
	Chair: Dr Fidelma Hernon, Medical Scientist, Our Lady's Children's Hospital Crumlin	
10.30-11.10	Advances in Medical Genetics	
	Prof Michael Patton, Group Medical Director for HSL Pathology and Prof of Medical Genetics for St George's University, London	

11.10-11.40	Profiling Gut Microbiota in Clinical Diagnostics	
	Dr Cormac Gahan, APC Microbiome Institute, University College Cork	
11.40-12.10	Molecular Diagnostics in the Fight against Antimicrobial Resistance	
	Dr Beryl Oppenheim, Consultant Microbiologist, Birmingham and Senior Director, Medical Affairs, Cepheid	
12.10-12.30	Opportunities and pitfalls of Molecular enteric analysis	
	Denise Longhurst, Healthcare Scientist, PHE South West Regional Laboratory	
	Transfusion and Transplantation Science	Dodder A
	Chair: Fabian McGrath, Dublin Institute of Technology	
11.00-11.40	Management of Sickle Cell Disease	
	Dr Emma Tuohy, Consultant Haematologist, St. James's Hospital	
11.40-12.10	Development of a serum eye drop programme in Galway University Hospital.	
	Aoife Conroy, Medical Scientist, Blood Transfusion, Galway University Hospital.	
12.10-12.40	PBM: What can we GAIN?	
	Natalie Sabine, Senior Medical Scientist, National Maternity Hospital, Holles St. Dublin.	
12.40-13.00	Targeted RAADP: The Impact on Maternity and Laboratory Services	
	Leo Mulvany, Chief Medical Scientist, Haematology/Blood Transfusion, Portiuncula University Hospital.	
	Poster Competition	
	Chair: Dr Debbie Corcoran, GMIT	
12.40-13.40	<i>A selection of finalists will present their posters in competition for the poster prize</i>	
	President's Prize Competition	Dodder A
	Chair: Ber Jackson, POCT Manager, Naas General Hospital Academy of Clinical Science and Laboratory Medicine	
13.00-13.15	<i>Title: Persister formation in <u>Escherichia coli</u>.</i>	
	Alanna Dunlea, CIT/UCC	
13.15-13.30	<i>Title: The Association of the Human Papillomavirus (HPV) with P16INK4a in Head and Neck Cancer.</i>	
	Hayley Foy-Stones, GMIT	
13.30-13.45	<i>Title: Optimisation of recombinant GP41 protein for use in HIV Diagnostic Assay.</i>	
	Maud Gilligan, DIT	
13.45-14.00	<i>Title: CIRP as a therapeutic vaccination platform against cancer.</i>	
	Ellen Keane, DIT	

14.00-14.15	<i>Title: Assessment of the comparability of CLSI, EUCAST and Stokes antimicrobial susceptibility test methods for <u>Escherichia coli</u> Uropathogenic Isolates.</i>	
	Ciarán O'Halloran, CIT/UCC	
14.15-14.30	<i>Title: Confirmation of <u>Clostridium difficile</u> Toxin Expression in tcdB Gene Positive Stool Samples using an Enzyme Immunoassay and Antimicrobial Susceptibility Testing of Clostridium difficile Isolates in an Irish Hospital</i>	
	Phelim Ryan, GMIT	
	Microbiology/Virology	Dodder B
	Chairs: Lisa Rose, Senior Medical Scientist, St. James's Hospital and Paul Holder, Senior Medical Scientist, National Virus Reference Laboratory	
14.00-14.30	Microbiology – “Real Time Results” – Real Time Patient Management	
	Pauline McGrath, Chief Operations Officer, Mater Misericordiae University Hospital, Dublin	
14.30-15.00	Virology Infection Prevention and Control	
	Dr Aia Mohamed, Virology Registrar, St James's Hospital, Dublin	
15.00-15.30	Catch me if you can: influenza surveillance and vaccine strain selection	
	Dr Linda Dunford, National Virus Reference Laboratory, UCD, Dublin	
15.30-16.00	Role of Microbiology in Infection, Prevention and Control	
	Prof Hilary Humphreys, Dean of the Faculty of Pathology, Prof of Clinical Microbiology RCSI and Consultant Microbiologist Beaumont Hospital	
16.00	Presentations: President's Prize and Poster Competitions	
16.15	Close	