

Day One

Wednesday 11th September 2019

8.30am	Registration - Tea/Coffee
9.15am	Welcome , Dr Aaron Peace, CEO, C-TRIC
9.20am	Opening Address , Prof Cathy Gormley-Heenan, Pro-Vice-Chancellor (Research & Impact), Ulster University, NI
9.30am	Disruptive Innovation in Healthcare , Prof Rafael Bengoa, Co-Director of The Institute for Health & Strategy, Bilbao, Spain, Europe

SESSION 1: DISRUPTIVE DIAGNOSTICS

Chair: *Dr Maurice O'Kane, Consultant Chemical Pathologist, Western Health & Social Care Trust/Director, NI Clinical Research Network, NI*

10.00am	Improving Diagnostics with Artificial Intelligence , Pete Struthers, Healthcare CTO, Microsoft Ireland, ROI
10.15am	Digital and Molecular Pathology: a healthcare need, a research development and a business opportunity , Prof Manuel Salto-Tellez, Professor and Chair of Molecular Pathology, Clinical Consultant, Lead of the Queen's Precision Medicine Centre of Excellence, Queen's University Belfast, Belfast Health & Social Care Trust, NI
10.30am	Using Olink technology to identify novel multi-protein biomarker signatures to improve diagnosis in ovarian cancer , Prof Ulf Gyllenstein, Olink Proteomics, Uppsala Science Park, Uppsala, Sweden, Europe.
10.45am	Selected Oral Abstract Presenter – A value proposition for natriuretic peptide measurement in the diagnosis of acute heart failure , David Porter Q & A
11.15am	Tea/Coffee - Networking

SESSION 2: INNOVATIONS IN GENOMICS

Chair: *Prof Tony Bjorson, Prof of Genetics, NI Centre for Stratified Medicine, Ulster University/PI, Centre for Personalised Medicine, Clinical Decision Making and Patient Safety, NI*

11.30am	The Exposome Links Nutrition and the Microbiome to the Epigenetic Landscape of Ageing , Prof Paul Shiels, Professor of Epigenetics, Institute of Cancer Sciences, Wolfson Wohl Building, Garscube Estate, Bearsden, Glasgow, UK
11.45am	Methylome Profiling of Young Adults with Depression supports a link with Immune Response , Dr Elaine Murray PhD, Lecturer in Personalised Medicine (Mental Health), NI Centre for Stratified Medicine, Ulster University, NI
12 noon	Innovation Trends in Population Genomics , Dr David Kavanagh PhD, Director of Clinical Partnerships and Programmes, Genomics Medicine Ireland, ROI
12.15pm	Selected Oral Abstract Presenter - The trials, tribulations and triumphs of exome sequencing in clinical practice , Shane McKee Q & A

SESSION 3: NETWORKING EVENT / LUNCH

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12.45pm	Enjoy a stroll to the City's beautiful Guildhall / Conference Photo
1.00pm	#LegenDerry Lunch, to be held in the City's Guildhall and hosted by Visit Derry, featuring the very finest local produce, accompanied by a range of locally sourced beverages
2.45pm	Return to City Hotel

SESSION 4: INNOVATIONS TO IMPROVE CLINICAL PATHWAYS

Chair: *Prof Liam Maguire, Executive Dean, Faculty of Computing, Engineering & the Built Environment Ulster University, N.I*

2.45pm	Precision and the Surgeon , Mr Mark Taylor, Consultant in General and Hepatobiliary Surgery, Mater Hospital, Belfast Health & Social Care Trust, NI
3.00pm	Digital Health and Care for Northern Ireland , Mr Dan West, Chief Digital Information Officer, Department of Health, NI
3.15pm	Identification of Biomarkers for Stratified Clinical Trials , Dr Gregory Tobin, Chief Scientific Officer, Lantern Pharma, USA
3.30pm	Selected Oral Abstract Presenter - Infrastructure and design of a data registry for emergency surgery , Kevin Blake Q & A

SESSION 5: PRIMARY CARE AND POPULATION HEALTH

Chair: *Mr Chris Matthews, Director of Primary Care, Department of Health, NI*

4.00pm	Is Primary Care Research Important? Prof Richard Hobbs, Nuffield Professor and Head of Primary Care Health Sciences, University of Oxford and Director NIHR School of Primary Care Research, UK
4.15pm	Unleashing Innovation in Primary Care , Dr Pritesh Mistry, Head of Innovation, Clinical Innovation and Research Centre, Royal College of General Practitioners, London, UK
4.30pm	All-island HRB Primary Care Clinical Trial Network Ireland / INTERREG Funded General Practice Study on Multimorbidity , Prof Andrew Murphy, Director of the HRB Primary Care CTNI / Professor of General Practice, NUI Galway / General Practitioner, ROI
4.45pm	Selected Oral Abstract Presenter – Evaluation of Medicine Use Review (MUR) service in community pharmacies within Northern Ireland , Bronagh White Q & A
6.30pm	Drinks Reception
7.00pm	Conference Dinner - Guest Speakers: Dr Anne Kilgallen, CEO, WHSCT, John Kelpie, CEO, DCSDC

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Day Two

Thursday 12th September 2019

8.30am Registration - Tea/Coffee

9.00am **Landscape of Research for Northern Ireland.** Prof Ian Young, Director of Research & Development, HSC/Chief Scientific Advisor to the DHSSPS, NI

SESSION 6 HEALTHCARE INFORMATICS/AUTOMATION IN HEALTHCARE

Chair: *Mr Gary Loughran, Director of Encompass Programme, HSCNI*

9.15am **The Effectiveness of Social Media for Recruiting Study Participants for Clinical Trials.** Dr Paul Cummins, Scientific Researcher Interventional Cardiology, Erasmus MC, Rotterdam, Europe

9.30am **Artificial Intelligence: Supervising your Patient's Care.** Dr Nico Bruining PhD, FESC, Head eCardiology, Clinical Epidemiology and Innovation (KEI), Thoraxcenter, The Netherlands

9.45am **Analytics and Automation in Healthcare driven by Data.** Steven Lazer, Global Healthcare CTO at Dell EMC Industries Chief Cloud Officer at Dell EMC Board Position Technology Advisor ECare21, USA

10.00am Selected Oral Abstract Presenter – **Extensible AI framework for medication reminder strategy generation and execution,** Damian Kelly

Q & A

10.30am Tea/Coffee/Networking

SESSION 7 DISRUPTIVE ADVANCED THERAPY MEDICINAL PRODUCTS (ATMPs)

Chair: *Colette Goldrick, Director, NHS Engagement and ABPI Northern Ireland, Belfast NI*

10.45am **From Lab to Clinic Trial: Experiences with Allogeneic Stromal Cells.** Prof Matthew Griffin, Professor of Transplant Biology, National University of Ireland, Galway, ROI

11.00am **A Respiratory Academic/Clinician's View on ATMPs.** Prof Cecilia O'Kane, School of Medicine, Dentistry and Biomedical Sciences - Clinical Professor, Centre for Experimental Medicine, Institute for Health Sciences, Queen's University Belfast, NI

11.15am **Can you Grow Back an Amputated Hand.** Dr Rui Loureiro, Associate Professor of Surgical & Rehabilitation Technology, Institute of Orthopaedics and Musculoskeletal Science, University College London, UK

Q & A

SESSION 8 CENTRE FOR PERSONALISED MEDICINE, CLINICAL DECISION MAKING & PATIENT SAFETY

Chair: *Prof Tony Bjorson, Prof of Genetics, NI Centre for Stratified Medicine, Ulster University/PI, Centre for Personalised Medicine, Clinical Decision Making and Patient Safety, NI*

12 noon Update from CPM Project

12.30pm **The Magic of Artificial Intelligence and Helping People Live Healthier Lives.** Kerrie Holley, Technology Fellow / Senior Executive, Optum, USA

12.45pm Q & A

1.00pm **Results of Oral and Poster Abstracts**
Closing Remarks, Dr Aaron Peace, CEO, C-TRIC

1.15pm Lunch

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