

**8th Annual Translational Medicine Conference**

City Hotel, Derry/Londonderry,

Northern Ireland 20th - 21st September 2017

**“Making the Right Decision, for the Right Patient, at the Right Time”**

TMED8 will focus on “Making the Right Decision, for the Right Patient, at the Right Time” and will provide an overview of the €8.6m “Centre for Personalised Medicine, Clinical Decision Making and Patient Safety” (funded by SEUPB). Local and international delegates drawn from Academia, Business and Clinical will combine at TMED8 to explore how clinical decision making can be optimised to improve care for not only the individual but also the wider population.

Celebrating its eighth successful year, the event is recognised as a leading international conference in translational medicine and healthcare innovation, previously drawing clinicians, academics and businesses from UK, Ireland, Europe and the USA.

Clinical decision making remains to be a huge challenge globally. This year’s conference will focus on how the academic and business sectors can provide insight into how best to improve clinical decision making for clinicians, allied health care professionals and indeed the patient. In particular we will explore how digital healthcare can assist and improve clinical decision making.

TMED continues to target academics, clinicians, researchers and bio-industry R&D managers, with the aim of encouraging collaboration and communication, and to inform research and clinical interventions.

[CLICK HERE TO REGISTER](#)**Day 1 Wednesday 20th September 2017****8:30 am** Registration - Tea/Coffee**9.25am** Welcome and Opening Address
Dr Aaron Peace, CEO, Clinical Translational Research & Innovation Centre (C-TRIC)**9.30am** Introduction
Prof Tony Bjourson, Prof of Genetics, NI Centre for Stratified Medicine, Ulster University/PI, Centre for Personalised Medicine, Clinical Decision Making and Patient Safety, NI**SESSION 1: CARDIOVASCULAR****Chair:** **Dr Aaron Peace, Consultant Cardiologist/Director of R & D, Western Health & Social Care Trust/CEO C-TRIC, NI****9.40am** Patient Perspective**9.50am** “The Use of Technology in Cardiology - Where are we now and where might we be in the future”
Dr Stephen Leslie, Consultant Cardiologist & Clinical Lead for Heart Failure, NHS Highland, UK**10.10am** “Computing at the Heart of Decision-Making in Cardiology”
Dr Raymond Bond, Lecturer in Computer Science, Ulster University, NI**10.30am** “Lessons Learned in Software Development”
Dr Brendan McCann, Chief Scientific Officer, Clinisent, NI Q & A**11.00am** Tea/Coffee - Networking**SESSION 2: RENAL****Chair:** **Dr Ying Kuan, Consultant Renal Physician & Lead Clinician, Western Health & Social Care Trust, NI****11.30am** Patient Perspective**11.40am** “The Science of Improvement and its Application to Renal Medicine”
Dr Hugh Gallagher, Consultant Renal Physician, Epsom & St Helier NHS Trust, UK**11.55am** “Transplant 2.0. Using a Mobile Application to Improve Transplant Outcomes”
Dr Conall O’Seaghda, Consultant Nephrologist & Transplant Physician, Beaumont Hospital, ROI**12.15pm** “The Irish Genome Initiative”
Dr Sean Ennis, Lecturer School of Medicine, UCD/Co-Founder Genomics Medicine Ireland, ROI**12.35pm** “Healthcare Innovation - Incremental and Exponential”
Dr Nick van Terheyden, Digital Healthcare Strategist, Incremental Healthcare, USA Q & A**SESSION 3: NETWORKING EVENT/ LUNCH****1.00pm** Visit to Walled City Brewery

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Conference Programme Continued...

Day 1 Wednesday 20th September 2017

SESSION 4: DEMENTIA

Chair: Dr Kongfatt Wong-Lin, *Senior Lecturer, School of Computing & Intelligent Systems, Ulster University, NI*

3.30pm Patient Perspective

3.50pm "Point of Care Testing"
Dr Maurice O'Kane, *Consultant Chemical Pathologist, Western Health & Social Care Trust / Director, NI Clinical Research Network, NI*

4.10pm "Dementia and Clinical Decision Making"
Dr Bernadette McGuinness, *Clinical Senior Lecturer, Queen's University Belfast, N*

4.30pm "A computational decision support system for dementia severity determination"
Dr Xuemei Ding, *Lecturer in Computer Science, School of Computing & Intelligent Systems, Ulster University, NI*

4.50pm "Rapid Biochip Immunoassay for Alzheimer's Disease Risk Prediction: The ApoE4 Array"
Dr Kenneth Martin, *Senior Research & Development Scientist, Randox Laboratories, ROI*
Q & A

5.30pm Session Close

6.30pm Drinks Reception - Moderated Poster Competition

7.30pm Conference Dinner - Guest Speakers
Introduction:
Mayor, Cllr Maoliosa McHugh, *Derry City & Strabane District Council*
Dr Anne Kilgallen, *Chief Executive, Western Health & Social Care Trust*
Prof Paddy Nixon, *Vice-Chancellor, Ulster University*

Day 2 Thursday 21st September 2017

8:30 am Registration - Tea/Coffee

SESSION 5: EMERGENCY SURGERY

Chair: Mr Michael Sugrue, *Consultant Breast & General Surgeon, Letterkenny University Hospital/Galway University Hospital, ROI*

9.30am Patient Perspective

9.40am "Challenges Faced in Emergency Surgery and Improving Outcomes"
Mr Michael Sugrue, *Consultant Breast & General Surgeon, Letterkenny University Hospital/Galway University Hospital, ROI*

10.00am "Changing the approach and outcomes in Large Bowel Obstruction". Ms Aisling Hogan, *Consultant Colorectal Surgeon, University Hospital Galway, ROI*

10.20am "Empowering Precision Medicine Through Innovation in Diagnostic Test Development"
Mark W Duncan, PhD, *Senior Director, Proteomics Technology Development, Biodesix, Colorado, USA*
Q & A

10.40am "How Patients Guide Clinical Decision Making - the St James' Experience"
Prof James O'Donnell, *Prof of Vascular Biology, Irish Centre of Vascular Biology, Royal College of Surgeons in Ireland, ROI*

11.00am Tea/Coffee - Networking

SESSION 6: DIABETES

Chair: Prof Vivien Coates, *Prof of Clinical Nursing Practice Research, Ulster University/Prof of Nursing Research, Western Health & Social Care Trust, NI*

11.30am Patient Perspective

11.40am "Unleashing the Third Estate: Activation and Empowerment"
Dr Neil Black, *Asst Clinical Director of Acute Services & Consultant Physician, Western Health & Social Care Trust, NI*

12 noon "Can unscheduled diabetes care be avoided?"
Prof Vivien Coates, *Prof of Clinical Nursing Practice Research, Ulster University/Prof of Nursing Research, Western Health & Social Care Trust, NI*

12.20pm "IoT in Clinical Decision Making"
Steven Lazer, *Chief Technical Officer, Dell EMC Industries & Healthcare* / Adam McCalla, *Healthcare Field Director, Dell EMC*
Q & A

12.45pm Results of Poster Presentations / Closing Remarks
Dr Aaron Peace, *CEO, Clinical Translational Research & Innovation Centre (C-TRIC)*

1.00pm Lunch

2.00pm - 4.00pm Centre for Personalised Medicine, Clinical Decision Making and Patient Safety Project Team Meeting