



**THEME:**

Research and Innovation

**FUNDING (ERDF+MATCH):**

€8,628,985.36

**MATCH FUNDERS:**

Department for the Economy and the Department of Business, Enterprise and Innovation, NHS Highland and University of Highlands and Islands

**LEAD PARTNER:**

Ulster University

**PROJECT PARTNERS**

Voscuris, Healthcare Analytics Limited, Letterkenny Institute of Technology, NHS Highland, NI Clinical Research Services, NUI Galway, Randox, Randox Teoranta, United Health Group (Optum), University of Highlands and Islands, Western Health and Social Care Trust, Letterkenny General Hospital, C-TRIC, Donegal Clinical and Research Academy.

**PROJECT CONTACT:**

d.tedstone@ulster.ac.uk

**Start Date:** 01/04/2017

**End Date:** 31/12/2021

 [www.ulster.ac.uk/cpm](http://www.ulster.ac.uk/cpm)

 @CPerMed

SPECIAL EU PROGRAMMES BODY

## Project Case Study: Centre for Personalised Medicine Clinical Decision Making and Patient Safety

The aim of the CPM project is to enhance the regional research capability, while serving as a magnet for regional and FDI industry, to create innovative products and new optimised care pathway tools in priority disease areas for patients and commercial benefit.

The five Research Clusters use the methods and technologies from personalised medicine and apply them to heart disease, emergency surgery, acute kidney injury, diabetes and dementia. These are areas associated with significant clinical need and commercial potential and will benefit significantly from the interdisciplinary academic and commercial cross-border expertise and collaboration.

*“Personalised medicine moves away from the ‘one size, fits all’ approach, using state of the art genomics testing, technology and computing and intelligence systems to deliver a more targeted approach to healthcare. The Centre for Personalised Medicine will bring personalised medicine approaches to five of the most prevalent disease areas to improve the care and treatment of patients in the Northern Ireland, the border region of Ireland and Western Scotland”.*

Professor Tony Bjourson, Lead investigator of the Centre, Professor of Genomics at Ulster University and Director of the Northern Ireland Centre for Stratified Medicine



CPM partner, Letterkenny Institute of Technology (LYIT), host the management and scientific meetings for the CPM in May 2019.



## SPECIAL EU PROGRAMMES BODY

# Project Case Study: Centre for Personalised Medicine Clinical Decision Making and Patient Safety

### THEME:

Research and Innovation

### FUNDING (ERDF+MATCH):

€8,628,985.36

### MATCH FUNDERS:

Department for the Economy and the Department of Business, Enterprise and Innovation, NHS Highland and University of Highlands and Islands

### LEAD PARTNER:

Ulster University

### PROJECT PARTNERS:

Voscuris, Healthcare Analytics Limited, Letterkenny Institute of Technology, NHS Highland, NI Clinical Research Services, NUI Galway, Randox, Randox Teoranta, United Health Group (Optum), University of Highlands and Islands, Western Health and Social Care Trust, Letterkenny General Hospital, C-TRIC, Donegal Clinical and Research Academy.

### PROJECT CONTACT:

d.tedstone@ulster.ac.uk

**Start Date:** 01/04/2017

**End Date:** 31/12/2021



[www.ulster.ac.uk/cpm](http://www.ulster.ac.uk/cpm)



@CPerMed

The major strength of the CPM project resides in the expertise of the assembled highly complementary multidisciplinary team of clinicians, academic researchers and enterprises.

Its objectives are to:

- Improve the triage of patients with chest pain to allow more appropriate and rapid emergency referral for Primary Coronary Intervention
- Identify determinants of outcomes in emergency surgery to improve care pathways and reduce morbidity and mortality
- Improve earlier recognition of Acute Kidney Injury to reduce mortality, morbidity and hospital stay
- Improve the self-management of diabetes to reduce unscheduled care episodes and hospital admissions
- Develop tools which will allow earlier diagnosis of dementia and therefore earlier clinical intervention and support



Dr Maurice O'Kane, Clinical Director of the CPM, provides an overview of the CPM at the official launch of the project in September 2018.