

# New Horizons in Medical Research

A Scientific Conference organised by the School of Medicine Research Committee, UCC

Thursday 7th December 2017

Main Atrium, Western Gateway Building, UCC

6 CPD Points

Free registration on site from 8am

A TRADITION OF  
INDEPENDENT  
THINKING



<b>New Horizons 2017 Schedule at a Glance</b>	
<b>Time</b>	<b>**Key note speakers: Biographies, pictures and abstracts present</b>
8.00 a.m.	Free registration commences
8.00 a.m.	Hanging of posters in the main atrium WGB
8.55 a.m.	<b>Welcome Address:</b> Dr Liam Fanning, Chair, School of Medicine Research & Postgraduate Affairs Committee, UCC
	<b><u>Session 1</u></b>
	<i>Chairs:</i> Dr Andre Toulouse and Dr Gabriella Rizzo
9.00 a.m.	<i>Dr Yvonne Nolan</i> , Department of Anatomy and Neuroscience, UCC Lifestyle factors shaping hippocampal structure and function across the lifespan
9.25 a.m.	01. Does Diabetic Ketoacidosis at Diagnosis of Type 1 Diabetes Mellitus Predict Poor Long-Term Glycaemic Control. <i>Ms Louise Kelly, et al</i>  02. Insulin-like Growth Factor-1 Signalling is essential for Mitochondrial Biogenesis and Mitophagy in Cancer Cells. <i>Ms Sarah Riis, et al.</i>  03. Is there an association between methods of self-harm and risk of self-harm repetition? Findings from the National Self-Harm Registry Ireland. <i>Ms Grace O'Regan, et al.</i>
9.55 a.m.	<i>Dr Derek Power</i> , Oncology Clinical Trials Unit, UCC Cancer cachexia, sarcopenia, survival and quality of life in ambulatory oncology patients
10.20 a.m.	04. Impact of Functional Vitamin D Deficiency on Perinatal Outcomes, <i>Ms Andrea Hemmingway, et al</i>  05. The impact of gut microbiota-mediated bile acid metabolism on drug uptake and activity in vitro, <i>Ms Elaine Enright, et al</i>  06. Pre-operative visceral adiposity and pro-inflammatory adipokine levels influence early oncological outcomes in colon cancer, <i>Ms Christina Fleming, et al</i>
10.50 a.m.	COFFEE and Viewing of Posters in Western Gateway Building Atrium

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	<u>Session 2</u>
	<i>Chairs: Dr John MacSharry and Dr Olivia O'Leary</i>
11.15 a.m.	<i>Dr Cathal McCarthy, Department of Obstetrics and Gynaecology, UCC</i> Oxidative Stress and Pre-Eclampsia: Are we looking in the wrong place?
11.40 a.m.	07. Respiratory control in the mdx mouse model of Duchenne muscular dystrophy, <i>Mr David Burs, et al</i>  08. Detecting the presence of Aspergillus in the asthmatic airway and its relationship to disease severity, <i>Ms Ashley Sullivan, et al</i>  09. Three-minute short elevator type pitches: <ul style="list-style-type: none"> <li>• UCC iGEM 2017 – MOOnShine, <i>Ms Chloe Darragh-Hickey, et al</i></li> <li>• Barriers and Facilitators to Appropriate Antipsychotic Prescribing in Nursing Home Residents with Dementia, <i>Mr Kieran A. Walsh, et al</i></li> </ul>
12.10 p.m.	<i>Dr Collette Hand, Department of Pathology, UCC</i> A Genetic Perspective on Neuromuscular Disease in Ireland
12.35 p.m.	10. How to Improve Waiting Times in General Practice - A Survey of GPs, <i>Ms Roseanne Tobin, et al.</i>  11. Scenario modelling analysis to assess the potential to increase polyphenol intakes in Irish adults, teens and children through a polyphenol-enriched beverage. <i>Ms Clara Heneghan, et al</i>
12.55	<i>Pat Casey, GMO Compliance Officer &amp; Biological Safety Advisor, UCC</i> Biological Safety in UCC Research
1.05 p.m.	LUNCH and viewing of posters. Poster judging.

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	<b><u>Session 3</u></b>
	<i>Chairs:</i> Dr Gerard Clarke and Dr Elizabeth Kenny-Walsh
2.00 p.m.	<i>Dr Suzanne Cremin, STI Clinic, SIVUH</i> Trends and outbreaks of sexually transmitted infections in recent years.
2.30 p.m.	12. An Augmented Prescribed Exercise Programme (APEP) for frail older medical inpatients in the acute setting: a randomised controlled trial. <i>Ms Ruth McCaullagh, et al</i>  13. Three-minute short elevator type pitches: <ul style="list-style-type: none"><li>• Living Microbes Within Tumours. <i>Mr Glen Hogan, et al</i></li><li>• Mechanisms by which PINK1 regulates cell survival signalling - exposing novel targets for the treatment of Parkinson's disease. <i>Ms Rachel Furlong, et al</i></li></ul>
2.50 p.m.	<i>Mr Cian Duggan, ATLANTIC CORRIDOR WINNER, UCC</i> An exploration of the effectiveness of an educational intervention on the use of personal protective equipment in orthopaedic theatres
3.00 p.m.	<i>Dr Éanna Falvey, School of Medicine, UCC</i> Research-Led Sports & Exercise Medicine
3.30 p.m.	<i>Dr Conan Donnelly, Research Manager, National Cancer Registry</i> The National Cancer Registry Ireland – A resource for real world research.
3.50 p.m.	Prize giving and meeting close <i>Professor Denis O'Mahony,</i> <i>School of Medicine, UCC</i>