



## Young Cancer Researchers Networking (YCRN)

Translational Cancer Research Conference

21-22 June 2018, University College Cork, Ireland

Inspire Connect Interact

### 12 Royal College of Surgeons Ireland CPD Credits

#### Keynote Speakers:

Opening Keynote Talk

**Prof Stephen R Pennington**, President Elect HUPO, UCD Conway Institute, Ireland

EACR-sponsored Keynote Talk

**Prof Julie Gehl**, Zealand University Hospital, University of Copenhagen, Denmark

#### Objective:

To create an opportunity for Early-Career Cancer Researchers to establish partnerships and promote the advance of translational cancer research

# PROGRAMME

Day1

Thursday, 21<sup>st</sup> June 2018

Western Gateway Building, University College Cork, Western Road, Cork, T12 XF62

From 9 am	Registration and Poster Hanging
11 am	Opening Ceremony and Cancer Research Overview – Prof Mary Cahill
11.15 am	Opening Keynote Talk <b>Prof Stephen R Pennington</b> , President Elect HUPO, UCD Conway Institute, Ireland "Discovery, Development and Delivery of Protein Biomarkers for Cancer Patient Benefit"
12 noon – 1.20 pm	<b>SESSION 1 Cancer Cell Death and Survival;</b> Chairs: Dr Tracey O'Donovan (UCC) and Dr Kheshwant Gill (UCC)
12 pm – 12.20 pm	<b>Rebecca Amet</b> , Trinity College Dublin, Ireland "Novel Anti-Cancer Therapeutics for Multiple Myeloma which target the STAT3 signalling pathway"
12.20 pm – 12.40 pm	<b>Sarah Riis</b> , University College Cork, Ireland "Insulin-like Growth Factor-1 signalling is essential for mitochondrial protection in cancer cells"
12.40 pm – 1.00 pm	<b>Jennifer Quinn</b> , University College Cork, Ireland "Investigating a role for autophagy in ovarian cancer chemoresistance"
1.00 pm – 1.30 pm	<b>Dr Eva Szegezdi</b> , Director of Blood Cancer Biobank Ireland "The differential effects of decitabine and 5-azacytidine on AML cells – implications for NK cell-based immunotherapy"
1.30 pm – 2.30 pm	LUNCH + POSTER VIEWING
2.30 pm – 3.50 pm	<b>SESSION 2 Cancer Cell Signalling and Trafficking;</b> Chairs: Dr Andrew Lindsay (UCC), Joanne Nolan (UL)
2.30 pm – 2.50 pm	<b>Máté Nászai</b> , University of Glasgow, UK "The Ras effector Ra1A promotes Wnt pathway activation and controls intestinal stem cell dynamics"
2.50 pm – 3.10 pm	<b>Zhi Liu</b> , University College Dublin, Ireland "Functional analysis of the MAPK scaffold KSR1 in malignant melanoma"
3.10 pm – 3.30 pm	<b>Amira Mahdi</b> , University of Limerick, Ireland "Elucidating the role of newly synthesised proteins in the progression of breast cancer"
3.30 pm – 4.00 pm	<b>Dr Patrick Caswell</b> , University of Manchester, UK "Controlling tumour-stroma interactions through endocytic trafficking"
4.00 pm – 4.30 pm	COFFEE BREAK + POSTER VIEWING
4.30 pm – 5 pm	R&D IN INDUSTRY – <b>CAREER FORUM</b> <b>Dr Giuliano Bensi</b> , GSK Vaccines S.r.l. Siena, Italy <b>Dr Emiliano Chiarot</b> , GSK Vaccines S.r.l. Siena, Italy "R&D in vaccine industry: contribution of internal and external activities to innovation"

5.00 pm – 6.30 pm      **SESSION 3 Cancer Biomarker Discovery – translation towards personalised medicine**  
Chairs: Dr Mark Tangney (UCC), Shona Cronin and Yensi Flores

5.00 pm – 5.20 pm      **Dr Elizabeth Foxall**, King's College London/The Francis Crick Institute, UK  
"Rare cancer helper genes disrupt related biological processes in oesophageal adenocarcinoma"

5.20 pm – 5.40 pm      **Aisling Heeran**, Trinity College Dublin, Ireland  
"Profiling inflammatory protein secretions from the ex vivo rectal cancer microenvironment compared to normal tissue"

5.40 pm – 6.00 pm      **Natalia Koerich Laureano**, German Cancer Research Center (DKFZ), Germany  
"Integrative multiscale omics analysis identified epigenetic regulation of SOX2 expression by DNA methylation in disseminating HNSCC tumour cells"

6.00 pm – 6.30 pm      **Dr Sudipto Das**, Honorary lecturer at Royal College of Surgeons in Ireland  
"Dissecting genetic and epigenetic alterations mediated metastatic colorectal cancer progression"

6.30 pm – 7 pm              POSTER SESSION

7.30 pm – 11 pm            DINNER and CORK REBEL PUB CRAWL

## Day2

Friday, 22<sup>nd</sup> June 2018

Western Gateway Building, University College Cork, Western Road, Cork, T12 XF62

8.45 am                      EACR-sponsored Keynote Talk

**Prof Julie Gehl**, Center for Experimental Drug and Gene Electrotransfer (C\*EDGE), Zealand University Hospital, University of Copenhagen, Denmark

"Electrochemotherapy and calcium electroporation; development of new treatments for cancer"

9.30 am – 10.50 am      **SESSION 4 Cancer Immunology and Immunotherapy;**  
Chairs: Dr Patrick Forde (UCC), Vamsi Bharadwaj Yallapragada (UCC)

9.30 am – 9.50 am      **Maria Davern**, Trinity College Dublin, Ireland  
"The effect of clinically relevant chemotherapies on the expression of immune checkpoints in oesophageal adenocarcinoma"

9.50 am – 10.10 am      **John Daly**, NUI Galway, Ireland  
"Targeting Siglec-7: A novel immunotherapeutic approach to potentiate the cytotoxic functions of natural killer cells against Multiple Myeloma"

10.10 am – 10.30 am      **Liam Tremble**, University College Cork, Ireland  
"Development of a preclinical model for the development of macrophage targeting therapies in melanoma"

10.30 am – 11.00 am      **Dr Urska Kamensek**, Institute of Oncology Ljubljana, Slovenia  
"Gene electrotransfer for cancer immunotherapy"

11.00 am – 11.30 am COFFEE BREAK + POSTER VIEWING

11.30 am – 1.00 pm **SESSION 5 Novel Drugs and Drug Delivery;**  
Chairs: Dr Órla Barry (UCC), Keiran Logan (Ulster University)

11.30 am – 11.50 am **James Mc Keown**, Trinity College Dublin, Ireland  
"Discovery of therapies for lymphomas and leukaemia: Synthesis and antiproliferative action of novel ethanoanthracenes"

11.50 am – 12.10 pm **Amy Buckley**, Trinity College Dublin, Ireland  
"The action of a novel radiosensitiser within the Oesophageal Adenocarcinoma tumour microenvironment"

12.10 pm – 12.30 pm **Lauren Gutgesell**, University of Illinois at Chicago, USA  
"Estrogen receptor agonists, antagonists, and beyond for characterizing and overcoming resistance in ER+ breast cancer alone and in combination therapy"

12.30 pm – 1.00 pm **Prof John Callan**, The Norbrook Chair in Pharmaceutical Science, Ulster University, UK  
"Ultrasound Targeted Microbubble Destruction for the targeted Chemo-Sonodynamic Therapy of Pancreatic Cancer"

1 pm – 2 pm LUNCH

2 pm – 4 pm **SESSION 6 Translational Research;**  
Chairs: Prof Caitriona O'Driscoll (UCC) and Glenn Hogan

2.00 pm – 2.20 pm **Dr Lisa Dr Loughney** and **Mairéad Cantwell**, Dublin City University, Ireland  
"Exercise Training throughout the Cancer Journey: The MedEx Experience"

2.20 pm – 2.55 pm **Dr Verena Murphy**, Operations Lead for CNS and Paediatric Studies, Cancer Trials Ireland  
"Translational Research in Cancer Trials Ireland"

2.55 pm – 3.30 pm **Prof Mark Corrigan**, Director of Core Surgical Training at Cork University Hospital, Ireland  
"We need to stop translating"

2 pm – 2.40 pm **Prof Jacintha O'Sullivan**, Trinity Translational Medicine Institute, Ireland  
"Is Angiogenesis still an attractive target in Colorectal Cancer drug discovery?"

4 pm – 4.30 pm Closing Ceremony and Best Speakers/Best Posters Awards