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
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<tr>
<td>9 am</td>
<td>Registration and Poster Hanging</td>
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<td>11 am</td>
<td>Opening Ceremony and Cancer Research Overview – Prof Mary Cahill</td>
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<tr>
<td>11.15 am</td>
<td>Opening Keynote Talk</td>
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| **Prof Stephen R Pennington**, President Elect HUPO, UCD Conway Institute, Ireland  
"Discovery, Development and Delivery of Protein Biomarkers for Cancer Patient Benefit" |                                                                                                                                          |
| 12 noon – 1.20 pm | **SESSION 1 Cancer Cell Death and Survival**;  
Chairs: Dr Tracey O'Donovan (UCC) and Dr Kheshwant Gill (UCC)  
- **Rebecca Amet**, Trinity College Dublin, Ireland  
  "Novel Anti-Cancer Therapeutics for Multiple Myeloma which target the STAT3 signalling pathway"  
- **Sarah Riis**, University College Cork, Ireland  
  "Insulin-like Growth Factor-1 signalling is essential for mitochondrial protection in cancer cells"  
- **Jennifer Quinn**, University College Cork, Ireland  
  "Investigating a role for autophagy in ovarian cancer chemoresistance"  
- **Dr Eva Szegezdi**, Director of Blood Cancer Biobank Ireland  
  "The differential effects of decitabine and 5-azacytidine on AML cells – implications for NK cell-based immunotherapy" |                                                                                                                                          |
| 1.20 pm      | **SESSION 2 Cancer Cell Signalling and Trafficking**;  
Chairs: Dr Andrew Lindsay (UCC), Joanne Nolan (UL)  
- **Máté Nászai**, University of Glasgow, UK  
  "The Ras effector RalA promotes Wnt pathway activation and controls intestinal stem cell dynamics"  
- **Zhi Liu**, University College Dublin, Ireland  
  "Functional analysis of the MAPK scaffold KSR1 in malignant melanoma"  
- **Amira Mahdi**, University of Limerick, Ireland  
  "Elucidating the role of newly synthesised proteins in the progression of breast cancer"  
- **Dr Patrick Caswell**, University of Manchester, UK  
  "Controlling tumour-stroma interactions through endocytic trafficking" |                                                                                                                                          |
| 3.30 pm      | **R&D in INDUSTRY – CAREER FORUM**  
**Dr Giuliano Bensi**, GSK Vaccines S.r.l. Siena, Italy  
**Dr Emiliano Chiarot**, GSK Vaccines S.r.l. Siena, Italy  
"R&D in vaccine industry: contribution of internal and external activities to innovation" |                                                                                                                                          |
| 4.00 pm – 4.30 pm | **COFFEE BREAK + POSTER VIEWING**                                                                                                      |
| 4.30 pm – 5 pm | **R&D in INDUSTRY – CAREER FORUM**  
**Dr Giuliano Bensi**, GSK Vaccines S.r.l. Siena, Italy  
**Dr Emiliano Chiarot**, GSK Vaccines S.r.l. Siena, Italy  
"R&D in vaccine industry: contribution of internal and external activities to innovation" |                                                                                                                                          |
5.00 pm – 5.20 pm  **SESSION 3 Cancer Biomarker Discovery – translation towards personalised medicine**  
*Chairs: Dr Mark Tangney (UCC), Shona Cronin and Yensi Flores*

**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**

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**Day 2**  
**Friday, 22nd 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