

WEDNESDAY 26TH FEBRUARY 2020

10:00 - 10:50 WEDNESDAY REGISTRATION AND ARRIVAL FOR ALL ATTENDEES
Tea/Coffee/Scones



10:50 - 10:55 WEDNESDAY DOWNLOAD THE IACR APP GUIDED SESSION FOR ALL ATTENDEES
Five minute instruction given by one of the IACR council in the Ballyvaughan Suite



THE IACR/EACR EARLY CAREER RESEARCHER SYMPOSIUM AND WORKSHOP 2020



HAVE YOU REGISTERED FOR YOUR WORKSHOPS?

Registered IACR Attendees: Please check your inbox for confirmation email. If you are unsure please contact the information desk where you registered on arrival.

SESSION 1	THE GREAT ESCAPE: CAREER PATHS OUTSIDE ACADEMIA Hear from four speakers who have made the move from biomedical PhD to non-academic careers. Includes Q&A session. CHAIRPERSONS: Dr. Niamh Lynam-Lennon (TCD) & Dr. Sean Kennedy (RCSI)
11:00 - 12:30	Dr. Eimear Gleeson (<i>Life Sciences Venture Investment Associate, Atlantic Bridge</i>). Dr. Niamh Foley (<i>Sales Manager, Accuscience</i>). Dr. Annalisa Montesanti (<i>Lead Programme Manager- Health Research Careers, Health Research Board</i>). Dr. Samira Kaissi (<i>CEO, CalaMedical</i>).
12:30 - 12:45	Tea / Coffee Break
SESSION 2	THE MOBILITY EXPERIENCE Two EACR Travel Fellows and the 2019 IACR AOIFA Mobility Awardee explain why you should apply for a travel fellowship. Includes Q&A session. CHAIRPERSONS: Dr. Denis Collins (DCU) & Jane Smith (CEO, EACR)
12:45 - 14:00	Dr. Roy van der Meel (<i>Eindhoven University of Technology</i>) EACR Travel Fellowship (TF) from Netherlands to Ireland. Ms. Shannon Nelson (DCU) EACR TF from Ireland to Denmark. Ms. Clodagh O'Neill (<i>NUI Galway</i>) 2019 IACR AOIFA Mobility Awardee from Ireland to the USA.
14:00 - 15:00	Lunch Announcement of grant calls associated with charities bodies present.
15:00 - 16:00	POSTER SESSION 1
SESSION 3	WORKSHOPS Each hour will see two workshops run in parallel, choose your topic of interest! <i>35 participants max per workshop</i> . CHAIRPERSONS: Dr. Kellie Dean (UCC) & Dr. Emma Allott (QUB)
16:00 - 17:00	Choose between: (1) Grant writing - Ms. Imma Zoppi (UCC) Top tips for research grant writing or (2) PPI and Research - Dr. Emma Dorris (UCD) Embedding public involvement in the research process: Improving your research relevance and grant writing.
17:00 - 18:00	Choose between: (3) Communication (Elevator Pitch) - Mr. Andrew Keogh (Aristo) Pitch To Win Support and Success or (4) Leadership - Dr. Samuel Krahl (EMBO Solutions GmbH) Assertiveness and Feedback tools for researchers.
18:00 - 18:15	Tea / Coffee Break
AOIFA AWARDS	2019 AOIFA SEED FUNDING AWARD WINNERS. 3 x 5 min presentations. CHAIRPERSONS: Dr. Claire Meaney (LIT) & Dr. Oliver Treacy (NUI GALWAY)
18:15 - 18:30	18:15 Dr. Mark Bates (TCD). 18:20 Ms. Romina Silva (UCD). 18:25 Dr. Matthew Humphries (QUB).
SESSION 4	THE PATRICK G. JOHNSTON AWARD FOR EXCELLENCE IN CANCER RESEARCH OUTREACH CHAIRPERSONS: Prof. Amanda McCann (IACR President) & Dr. Caroline Conway (UU).
18:30 - 19:30	Six early career researchers will be selected based on their lay abstract submissions to IACR 2020. Those selected will take part in a patient communication workshop prior to IACR 2020 and asked to prepare a lay presentation on their work. Presentations will be delivered to peers and a lay audience at The Patrick G. Johnston Award For Excellence In Cancer Research Outreach event. The winner will be chosen by the audience and a judging panel. 18:30 Ms. Shannon Nelson (DCU). 18:40 Ms. Naomi Algeo (St James' Hospital/TCD). 18:50 Ms. Anu Prakash (NUI Galway). 19:00 Dr. Neil Conlon (DCU). 19:10 Dr. Karima Khalifa (UCD). 19:20 Ms. Eve O'Reilly (UCD).
19:30	Close

NURSING AND ALLIED HEALTH WORKSHOPS 2020



HAVE YOU REGISTERED FOR YOUR WORKSHOPS?

Registered IACR Attendees: Please check your inbox for confirmation email. If you are unsure please contact the information desk where you registered on arrival.

SESSION 1	GRANT WRITING FACILITATORS: Dr. Anne Costello (<i>Project Officer at the Health Research Board</i>) & Dr. Claire Kilty (<i>Research Manager at the Irish Cancer Society</i>)
11:00 - 12:30	Representatives from two prominent cancer funding agencies in Ireland will deliver a practical and interactive workshop aimed at helping early career researchers effectively communicate research and its impact, avoid common pitfalls, and prepare for future funding opportunities.
12:30 - 12:45	Tea / Coffee Break
SESSION 2	PUBLIC AND PATIENT INVOLVEMENT (PPI) IN RESEARCH FACILITATORS: Margaret Grayson (<i>Patient Advocate; Chair of the Northern Ireland Cancer Research Consumer Forum</i>) & Richard Stephens (<i>Patient Advocate; Former Chair of the NCRI Consumer Forum</i>)
12:45 - 14:00	Richard Stephens and Margaret Grayson MBE will host a workshop on PPI in research. Richard and Margaret will discuss the distinctions between <i>involvement, participation, and engagement</i> alongside the expectations and obligations of both PPI members and researchers. Real PPI case studies will be presented and participants will have the opportunity to ask advice from two expert advocates.
14:00 - 15:00	Lunch Announcement of grant calls associated with charities bodies present.
15:00 - 16:00	POSTER SESSION 1
SESSION 3	BUILDING CAPACITY IN NURSING AND ALLIED HEALTH RESEARCH CHAIRPERSONS: Dr. Chris Crockford (<i>Research Officer at the Irish Cancer Society</i>) & Dr. Amanda Drury (<i>Research Fellow, TCD</i>)
16:00 - 18:00	Research in social, nursing, and allied health sciences is underdeveloped in Ireland. The Irish Cancer Society, in collaboration with Trinity College Dublin, is investigating the barriers and facilitators to research participation. This workshop will turn the tables and allow participants to feed into this project and inform the development of a national survey.

THURSDAY 27TH FEBRUARY 2020

08:00 – 08:50 THURSDAY REGISTRATION AND ARRIVAL FOR ALL ATTENDEES
Tea/Coffee/Scones



08:50 – 08:55 THURSDAY DOWNLOAD THE IACR APP GUIDED SESSION FOR ALL ATTENDEES
Five minute instruction given by Crowd Comms in the Ballyvaughan Suite



BIOMEDICAL SESSIONS

SESSION 1	CANCER GENOMICS AND CHROMOSOME BIOLOGY CHAIRPERSONS: Dr. Eva Szegezdi (<i>NUI Galway</i>) & Dr. Andrew Lindsay (<i>UCC</i>)
09:00 – 09:30	Prof. Corrado Santocanale (<i>NUI Galway</i>). Blocking DNA replication before it starts: insights into CDC7 targeting drugs using functional genomics approaches.
09:30 – 10:00	Prof. Jane Skok (<i>NYC Langone Health</i>). Defining the relative and combined contributions of CTCF and CTCFL to genomic regulation and impact on cancer
10:00 – 10:30	Prof. Bauke Ylstra (<i>VU University Amsterdam</i>). A new biomarker for bevacizumab effectiveness in mCRC – hope or hype?
10:30 – 10:45	GOLD SPONSOR PRESENTATION. Nanostring - Dr. Jim White (<i>Manager, EMEA Field Application Scientists</i>). SMART biomarker discovery from spatial regions of interest from FFPE tissue sections.
10:45 – 11:15	Tea / Coffee Break
SESSION 2	PROFFERED TALKS CHAIRPERSONS: Dr. Niamh Buckley (<i>QUB</i>) & Dr. Stephen Maher (<i>TCD</i>)
11:15 – 11:30	Rebecca Gorry (<i>PhD Student UCD</i>). A novel signalling cascade required for cytokinesis involving Nek2, Cyclophilin A and Septin 2 reveals new therapeutic approaches for cancer treatment.
11:30 – 11:45	Amy McCorry (<i>PhD Student QUB</i>). Antigen processing and presentation dictates prognosis in the fibroblast-rich subtype of stage II and III colon cancer.
11:45 – 12:00	Ellis Sutton (<i>PhD Student QUB</i>). Identification of Novel Molecular Targets in Immune Activated Oesophageal Adenocarcinoma.
12:00 – 12:15	Niamh McCabe (<i>PhD Student QUB</i>). Identification of SRC's role in governing chemotherapy resistance in oesophageal adenocarcinoma through functional genomic and high-throughput drug screening approaches.
12:15 – 12:30	Aoife Cannon (<i>PostDoc TCD</i>). A novel role for the complement cascade in chemoradiation therapy resistant oesophageal adenocarcinoma.
12:30 – 12:45	Simone Marcone (<i>PostDoc TCD</i>). Assessment of the effect of gold nanoparticles coupled to a novel small molecule compound (Pyrazinib) on radiation sensitivity in oesophageal adenocarcinoma.
12:45 – 13:00	Arman Rahman (<i>PostDoc UCD</i>). Multiplex-Immunohistochemistry for Simultaneous Detection of Multiple OncoMasTR Targets within the Tumour Microenvironment in Breast Cancer.
13:00 – 13:15	Sudipto Das (<i>PostDoc RCSI</i>). Novel DNA methylation landscape of metastatic colorectal cancer reveals functional role of epigenetically regulated disease-associated enhancer regions.
13:15 – 14:00	Lunch
14:00 – 15:00	POSTER SESSION 2
SESSION 3	RADIATION ONCOLOGY CHAIRPERSONS: Dr. Niamh Lynam-Lennon (<i>TCD</i>) & Dr. Alex Eustace (<i>RCSI</i>)
15:00 – 15:30	Dr. Karl Butterworth (<i>QUB</i>). Biologically optimised radiotherapy: How, where & with what?
15:30 – 16:00	Prof. Amato J Giaccia (<i>Oxford Institute of Radiation</i>). The Past, Present and Future of Combining Radiotherapy & Immune Therapy.
16:00 – 16:30	Prof. Mary Barcellos Hoff (<i>UCSF</i>). Transforming growth factor β : New tricks for an old fox.
16:30 – 16:45	GOLD SPONSOR PRESENTATION Miltenyi Biotech Dr. Carlo Scala (<i>Clinical Application Specialist</i>). Reality, Promises and Potential of CAR-T cell therapies.
16:45 – 17:00	Tea / Coffee Break
SESSION 4	IRISH CANCER SOCIETY BIOMEDICAL SESSION CHAIRPERSONS: Dr. Margaret McGee (<i>UCD</i>) & Dr. Robert O'Connor (<i>ICS</i>)
17:00 – 17:15	Romina Silva (<i>PhD student in Translational Medicine, UCD</i>). Longitudinal Analysis of Personal DNA Methylome Patterns in Metastatic Prostate Cancer.
17:15 – 17:30	Sophia Halliday (<i>PostDoc TCD</i>). Immune microenvironment in prostate cancer and relationship with clinical characteristics.
17:30 – 18:00	Dr. Robert O'Connor (<i>Head of Research for the Irish Cancer Society</i>). The Irish Cancer Research Landscape.
18:00 – 19:00	Prof. Lewis C. Cantley (<i>Irish Cancer Society Guest Lecturer</i>). PI 3-Kinase and Cancer Metabolism.
19:00 – 20:00	Pre-registered IACR Junior Council Networking Session
19:00 – 21:00	Poster Viewing and Buffet Dinner

NURSING AND ALLIED HEALTH SCIENCES IMPROVING CANCER CARE AND OUTCOMES

SESSION 1	NUTRITION AND EXERCISE CHAIRPERSONS: Prof. Juliette Hussey (<i>TCD</i>) & Dr. Rob O'Connor (<i>Irish Cancer Society</i>)
09:00 – 09:35	Prof. Anna Campbell MBE (<i>Edinburgh Napier University</i>). Exercise and Cancer Survivorship – Movement Matters.
09:35 – 10:00	Dr. Aoife Ryan (<i>University College Cork</i>). Why malnutrition in cancer matters: impact on tolerance to chemotherapy, surgical outcomes, quality of life and survival.
10:00 – 10:25	Dr. Jane Walsh (<i>NUI Galway</i>). Mobile Technology and Health: Pestilence or Panacea?
10:25 – 10:45	Eileen O'Sullivan (<i>Patient Advocate</i>). A Cancer Patient's Perspective on Nutrition & Physical Activity During and After Cancer Treatment.
10:45 – 11:15	Tea / Coffee Break
SESSION 2	PROFFERED TALKS CHAIRPERSONS: Prof. Josephine Hegarty (<i>UCC</i>) & Terry Hanan (<i>NCCP</i>)
11:15 – 11:32	Sarah Moore (<i>St. James Hospital</i>). Establishing the First Prehabilitation Exercise Service for Patients in a National Cancer Centre in Ireland.
11:32 – 11:49	Dr. Linda O'Neill (<i>TCD</i>). Impact of a multidisciplinary rehabilitative programme on cardiorespiratory fitness in oesophagogastric cancer survivorship - the restore randomised controlled trial.
11:49 – 12:06	Dr. Amanda Drury (<i>TCD</i>). Prevalence and Impact of Cancer Survivorship Issues Among Colorectal Cancer Survivors: A Mixed Methods Analysis.
12:06 – 12:23	Maria Kelly (<i>UL</i>). The Potential and Challenges of using Routine Linked Health Data in Palliative Care Research in Ireland.
12:23 – 12:40	Dr. Nicholas Clarke (<i>DCU</i>). The role of Health Literacy in Self-management, Quality of Life and Fear of Recurrence in Head and Neck Cancer Survivors.
12:40 – 12:57	Dr. Amy Mullee (<i>UCD</i>). Patient sources of diet and nutrition information after a cancer diagnosis.
12:57 – 13:14	Dr. Mohamad Saab (<i>UCC</i>). Using Serious Gaming and Virtual Reality Technology to Enhance Men's Awareness of Testicular Diseases Inclusive of Testicular Cancer: The E-MAT Study.
13:15 – 14:00	Lunch
14:00 – 15:00	POSTER SESSION 2
SESSION 3	PALLIATIVE AND END OF LIFE CARE CHAIRPERSONS: Sharon Foley (<i>Irish Hospice Foundation</i>) & Karen Charnley (<i>All Ireland Institute of Hospice and Palliative Care; AIHPC</i>)
15:00 – 15:35	Prof. Gunn Grande (<i>University of Manchester</i>). How do we support family carers to support patients towards the end of life?
15:35 – 16:00	Dr. Suzanne Guerin (<i>UCD</i>). Promoting Research Impact in Palliative and End of Life Care through Effective Knowledge Transfer and Exchange.
16:00 – 16:25	Dr. Bernadette Brady (<i>Our Lady's Hospice & Care Services</i>). Pathophysiology of Cancer-Related Fatigue.
16:25 – 16:45	Martina Crehan (<i>Patient Advocate</i>). "The first day of the rest of our Lives" - Negotiating the journey of care.
16:45 – 17:00	Tea / Coffee Break
SESSION 4	PSYCHO-ONCOLOGY & PATIENT-REPORTED OUTCOME MEASURES CHAIRPERSONS: Louise Mullen (<i>NCCP</i>) & Dr. Helen Grealley (<i>Cancer Care West & NCCP</i>)
17:00 – 17:35	Prof. Claire Foster (<i>University of Southampton</i>). Why do patient reported outcomes matter in cancer care?
17:35 – 18:10	Dr. Netty Kinsella (<i>The Royal Marsden, London</i>). Translating research into practice – from theory to service improvement.
18:10 – 18:35	Prof. Pamela Gallagher (<i>DCU</i>). The person, cancer survivorship and personally meaningful outcomes.
18:35 – 19:00	Richard Stephens (<i>Former Chair of the NCRI Consumer Forum</i>). Living With and Beyond Cancer – UK Patients' Top Ten Research Priorities (And 16 More Too).

FRIDAY 28TH FEBRUARY 2020

08:00 - 08:50 FRIDAY REGISTRATION AND ARRIVAL FOR ALL ATTENDEES
Tea/Coffee/Scones



08:50 - 08:55 FRIDAY DOWNLOAD THE IACR APP GUIDED SESSION FOR ALL ATTENDEES
Five minute instruction given by Crowd Comms in the Ballyvaughan Suite



BIOMEDICAL SESSIONS

SESSION 5 **CANCER EPIDEMIOLOGY - FROM MOLECULES TO POPULATIONS** CHAIRPERSONS: Dr. James Brown (UL) & Dr. Paul Murray (UL)

09:00 - 09:30 **Prof. Helen Coleman (QUB)**. Insights from Molecular Pathology Epidemiology studies of Oesophageal and Colorectal Neoplasia.

09:30 - 10:00 **Dr. Catherine de Martel (IARC)**. Global burden of cancer attributable to infections in 2018.

10:00 - 10:30 **Dr. Maria Teresa Landi (NIH)**. Sherlock-Lung: Tracing lung cancer mutational processes in never smokers.

10:30 - 10:45 **GOLD SPONSOR PRESENTATION Fluidigm UK Ltd. Thomas Adejumo (Field Applications Specialist, Mass Cytometry, Fluidigm)**. Maxpar Direct Immune Profiling Assay. Stay ahead of the curve with CyTOF...30 Markers are only the beginning!

10:45 - 11:15 **Tea / Coffee Break**

SESSION 6 **BREAKTHROUGH CANCER RESEARCH SESSION** CHAIRPERSONS: Orla Dolan (Breakthrough Cancer Research) & Dr. Denis Collins (DCU)

11:15 - 11:30 **INTRODUCTION**
Orla Dolan (CEO, Breakthrough Cancer Research).

11:30 - 11:45 **Jennifer Quinn (PhD Student UCC)**. Induction of Autophagy following treatment with chemotherapeutic agents promotes recovery and chemo-resistance in ovarian cancer cells.

11:45 - 12:00 **Viktorija Juric (PhD Student RCSI)**. Interrogating cyclin-dependent-kinase (CDK) inhibitors as novel treatment strategy for glioblastoma patients.

12:00 - 12:15 **Shannon Nelson (PhD Student DCU)**. Primary cell line organoids (CLOs) as a novel and alternative 3D organotypic cell model for pancreatic cancer.

12:15 - 12:30 **Maria Davern (PhD Student TCD)**. The double-edged sword of chemotherapy in oesophageal adenocarcinoma.

12:30 - 13:00 **IACR AGM**

13:00 - 14:00 **Lunch**

SESSION 7 **PROFESSOR JOHN FITZPATRICK ORAL POSTER PRESENTATIONS** 8 x 7 min presentations. Selected from abstract submissions. CHAIRPERSONS: Dr. Antoinette Perry (UCD) & Dr. Aileen Houston (UCC)

14:00 - 14:07 **Debbie O'Reilly (PhD Student DCU)**. Increased intracellular calcium through CaV1.3 promotes resistance to androgen deprivation therapy in TMPRSS2:ERG prostate cancer.

14:07 - 14:14 **Grant Godsmark (PhD Student UCC)**. Identification of a novel lysine site within the C-terminal tail of the IGF-1R linked to receptor stability and localisation in the ER.

14:14 - 14:21 **Devlin Wall-Coughlan (PhD Student NUIM)**. Targeting IRAK1 in endocrine-resistant Breast Cancer.

14:21 - 14:28 **Ashton Hutchinson (PhD Student QUB)**. Deciphering the angiogenic potential of secretory Leukocyte Protease Inhibitor (SLPI) in respiratory cancers.

14:28 - 14:35 **Rachel Bleach (PhD Student RCSI)**. Levels of androstenedione are elevated in patients who recur on aromatase inhibitor therapy and mediates a differential androgen receptor interactome in breast cancer cells.

14:35 - 14:42 **Niamh Leonard (PhD Student NUI Galway)**. Tumour-associated stroma can alter innate immune function contributing to the immunosuppressive cancer microenvironment.

14:42 - 14:49 **Joanne O'Dwyer (PostDoc NUI Galway)**. Targeted delivery of Natural Killer cells to improve outcomes in ovarian cancer.

14:49 - 14:56 **Mariela Kyoreva (PhD Student QUB)**. Identification of HER2 Interacting Partners and Their Role in Downstream Signalling.

14:56 - 15:15 **PUBLIC VOTING SESSION**

BIOMEDICAL SESSIONS cont.

SESSION 8 **IMMUNE MICROENVIRONMENT IN TUMOURS** CHAIRPERSONS: Dr. Aideen Ryan (NUI Galway) & Dr. Elizabeth Ryan (UL)

15:15 - 15:45 **Dr. Aideen Ryan (NUI Galway)**. The bitter sweet side of stromal cell mediated immune suppression in colorectal cancer.

15:45 - 16:15 **Dr. Jacqui Shields (Cambridge)**. Beyond the cancer cell: Exploring the tumour stroma as immune modulators.

16:15 - 16:45 **Prof. Onno Kranenberg (UMC Utrecht)**. Organoid-based models for metastatic Colorectal Cancer with high microsatellite instability.

16:45 - 17:00 **Tea / Coffee Break**

SESSION 9 **EACR YOUNG SCIENTIST AWARDEES** CHAIRPERSONS: Prof. Amanda McCann (UCD) & Dr. Graham Pidgeon (TCD)

17:00 - 17:30 **Neil Conlon (EACR Junior Research Awardee)**. Pre-clinical rationale for combination of Neratinib and Dasatinib in HER2-positive breast cancer.

17:30 - 18:00 **Manuela Salvucci (EACR Senior Research Awardee)**. Integrated multi-omics analysis from multi-region resections reveals further fine-grained taxonomies of colorectal cancer (CRC).

18:00 - 18:45 **THE IRISH ASSOCIATION FOR CANCER RESEARCH (IACR) AWARD FOR OUTSTANDING CONTRIBUTION TO CANCER MEDICINE AND RESEARCH**
Prof. Joe Duffy (UCD). Biomarkers and Therapeutic Targets in Breast Cancer: From Laboratory Research to Clinical Trials.

19:30 - 23:00 **Reception and Gala Dinner with entertainment**

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