Conference Programme
(last updated: 19 December 2023)

Tuesday, 27 February 2024

IACR 60th Anniversary Special Symposium:
Team Science Approaches to Fast-Track Innovations to the Clinic (not eligible for CME)

09:30 - 12:45 Liffey Ballroom

09:30 Introduction by IACR President
Session Chair: Tracy Robson, Ireland

09:40 Advancing Precision Medicine through Collaborative Team Science: Highlights from NCI’s CPTAC & ICPC Initiatives
Speaker: Henry Rodriguez, National Cancer Institute, United States

09:55 US:IRE R&D Partnership (Title to be announced)
Speaker: Fiona Ginty, GE Healthcare, United States

10:10 Epidemiology and Genetics Consortia
Speaker: Montserrat Garcia-Closas, University College London, United Kingdom

10:25 The Health Dividend of Peace: Enhancing cancer research and care on the island of Ireland through the Ireland-Northern Ireland-US NCI Cancer Consortium (REMOTE PRESENTATION)
Speakers:
Satish Gopal, National Cancer Institute, United States
Mark Lawler, Queen’s University Belfast, United Kingdom and All Island Cancer Research Institute, Ireland

10:40 Panel Discussion 1 - US:IRE:UK collaborations
Henry Rodriguez, Fiona Ginty, Montserrat Garcia-Closas, Satish Gopal, Mark Lawler

11:00 Coffee/Lunch Break

11:25 All-Island Cancer Research Institute: Ireland, Northern Ireland and Wider European Collaboration
Speaker: William Gallagher, University College Dublin and All Island Cancer Research Institute, Ireland

11:40 The Critical Importance of Research in Delivering 21st Century Cancer Care: Indicators from the Lancet Oncology European Groundshot Commission
Speaker: Mark Lawler, Chair Lancet Oncology European Groundshot Commission, United Kingdom

11:55 US Cancer Moonshot 2.0 (Title to be announced)
Speaker: Catharine Young, White House, United States – speaker to be confirmed

12:10 Case Examples of EU Consortia (Title to be announced)
Speaker: Annette Byrne, Ireland

12:25 Panel Discussion 2: IRE: Europe collaborations
William Gallagher, Mark Lawler, Catharine Young, Annette Byrne, Eibhlin Mulroe; Cancer Trials Ireland
Opening Remarks & Opening Keynote Lecture
13:00 - 14:00
Liffey Ballroom

Rene Bernards (Co-Chair EACR)
Christine M. Lovly (Co-Chair AACR)
Tracy Robson (Co-Chair IACR)

13:15 Overcoming the Undruggable Nature of The Most Common Human Oncogene K-Ras
Keynote Speaker: Kevan Shokat (USA)

Coffee Break / Exhibition / Poster Viewing
14:00 - 14:30
Exhibition & Poster Area (FORUM)

Industry Sponsored Session 1 (not eligible for CME)
14:30 - 15:00
Liffey Ballroom

Coffee Break / Exhibition / Poster Viewing / Industry Spotlight
15:00 - 15:30
Exhibition & Poster Area & Spotlight Area (Forum)
Session 1: Immunotherapy / Immuno-Oncology

15:30 - 17:20   Liffey Ballroom

Session Chair: Christine M. Lovly (USA)

15:30  ‘The EMBO Keynote Lecture’: T cell Recognition of Human Cancer
Speaker: Ton Schumacher (Netherlands)

16:00  Neoadjuvant Immunotherapy for Gastrointestinal Cancers
Speaker: Myriam Chalabi (Netherlands)

16:30  Title to be announced
Speaker: Jarushka Naidoo (Ireland)

17:00  Proffered Paper: NeuVac, a novel therapeutic mRNA cancer vaccine, stimulates a robust immune response in vivo
E. King, L. Bennie, J. Bojdo, H. McCarthy, O. Piskareva (Ireland)

17:10  Proffered Paper: Targeting a Treg-specific deubiquitinase module for antitumor immune therapy
D. Fang (United States)

Transition Break

17:20 – 17:35   Exhibition & Poster Area (FORUM)

Session 2: Cell Based Therapies

17:35 – 18:55   Liffey Ballroom

Session Chair: John B.A.G. Haanen (The Netherlands)

17:35  CAR T Cells for Solid Tumors (REMOTE PRESENTATION)
Speaker: Crystal L. Mackall (USA)

18:05  Claudin-6 CAR-T ± CarVac for the Treatment of Solid Cancers
Speaker: John B.A.G. Haanen (The Netherlands)

18:35  Proffered Paper: Targeting MYC with the Novel Molecular Glue, GT19630 for the Treatment of Breast Cancer

18:45  Proffered Paper: Survival mechanisms common to immunotherapy and drug tolerant persister tumor cells
M. Davern, L. Bensics, B. Chan, M. Yorsz, M. Olson, P. Lizotte, P. Bhola, M.V. Maus, D. Barbie, A. Letai (United States)

Welcome Reception, Exhibition & Poster Viewing

19:00 – 20:00   Exhibition & Poster Area (FORUM)

-end day 1-
Wednesday, 28 February 2024

Meet the Expert – Interactive Session

08:00 – 08:30

08:00  
**Rules for a Successful Scientific Career; My Own Journey of Cancer Drug Discovery from Lab to Clinical Trial**  
Speaker: Tracy Robson (Ireland)

Session 3: Drug Combinations

08:30 - 09:50

Session Chair: Alex Eustace (Ireland)

08:30  
**A Key Role of PML Nuclear Bodies in AML Response to Therapies**  
Speaker: Hugues de Thé (France)

09:00  
**Proffered Paper: Targeting RANK pathway sensitizes Rb-proficient TNBC tumors to CDK4/6 inhibitors**  
S. Casimiro, I. Gomes, R. Nunes, C. Abreu, A. Mansinho, R. Sousa, L. Costa (Portugal)

09:10  
**Proffered Paper: High-content Drug Screen Identification of Albendazole as a Novel Compound With Efficacy in Paediatric Acute Myeloid Leukaemia in Vitro and in Vivo**  
S. Lynch, R. Wilson, T. Nicholson, A. Thompson, K. Mills, L. Ross, K. Matchett (United Kingdom)

09:20  
**Unexpected, but Highly Synergistic Drug Combinations for Cancer Therapy**  
Speaker: Rene Bernards (Netherlands)

Plenary Session: Keynote Lecture

09:50 - 10:35

Session Chair: Luis A. Diaz (USA)

09:50  
**From the Immune Contexture to Immunoscore: Basic to Clinic**  
Keynote Speaker: Jerome Galon (France)

Coffee Break / Poster Viewing / Exhibition / Industry Spotlight

10:35 - 11:05

Exhibition & Poster Area & Spotlight Area (FORUM)
Session 4: The Precancer Genome

11:05 - 12:45 Liffey Ballroom

Session Chair: Phil H. Jones (United Kingdom)

11:05 Lessons on Carcinogenesis from the Normal Esophagus
Speaker: Phil H. Jones (United Kingdom)

11:35 Targeting Clonal Hematopoiesis: Precision Prevention of Hematologic Malignancies
Speaker: Kelly Bolton (United States)

12:05 Defective Hematopoiesis as a Preleukemia Condition
Speaker: Jean Soulier (France)

12:35 Proffered Paper: Immune Evasion in the Progression of Barrett’s Oesophagus to Oesophageal Adenocarcinoma: a population-based study

Lunch Break / Exhibition / Poster Viewing

12:45 - 15:00 Exhibition & Poster Area (FORUM)

Industry Sponsored Session 2 (not eligible for CME)

13:15 - 13:45 Liffey Ballroom

Posters in the Spotlight 1 (not eligible for CME)

13:30 - 14:30 (time to be confirmed closer to date) Spotlight Area (Forum)

13:30 Interferon epsilon limits ovarian cancer metastasis via regulation of peritoneal immune cells
N. Campbell, J. Gearing, P. Hertzog (Australia)

13:40 Semaphorins and their role in melanoma: implication in tumor aggressive features
S. D’Aquanno, M. Brignone, P. Rizzolo, F. Valenti, C. Cota, F. Paolini, C. Mandoj, T. Mancuso, A. Sacconi, I. Manni, E. Migliano, L. Tamagnone, D. Del Bufalo (Italy)

13:50 Global regulation of gene expression in T-cell acute lymphoblastic leukemia by Ikaros-regulated facultative heterochromatin
S. Dovat, D. Bogush, Y. Ding, B. He (United States)

14:00 PMR-116, a second generation RNA Polymerase I inhibitor
N. Hein, R. Ferreira, K. Panov, A. Huglo, R. Rebello, E. Kusnadi, D. Drygin, M. Haddach, L. Furic, R. Hannan (Australia)

14:10 A revised model for colorectal cancer progression and metastasis—hypotheses for “metastasome”-driven diagnosis and therapy
H. Allgayer, N. Patil, J.H. Leupold (Germany)

14:20 ATR Inhibitor Efficacy Depends on CD8+ T-Cell Recruitment and MHC class-I Uregulation via Intratumoral Sting Pathway Activation in Immunocompetent Models of Small Cell Lung Cancer
T. Sen (United States)

Industry Sponsored Session 3 (not eligible for CME)

14:00 - 14:30 Liffey Ballroom
Transition Break / Exhibition / Poster Viewing
14:30 - 15:00 Exhibition & Poster Area (FORUM)

Plenary Session: Keynote Lecture
15:00 - 15:45 Liffey Ballroom

Session Chair: Luis A. Diaz (USA)
15:00 Neoadjuvant Immune Checkpoint Blockade: A Window of Opportunity to Advance Cancer Immunotherapy (REMOTE PRESENTATION)
Keynote Speaker: Suzanne Topalian (USA)

Session 5: Liquid Biopsies
15:45 - 16:25 Liffey Ballroom

Session Chair: Christine M. Lovly (USA)
15:45 Cancer Liquid Biopsies: Investigating the Sum of their Parts for Patients Benefit
Speaker: Lorraine O'Driscoll (Ireland)
16:15 Proffered Paper: Prognostic significance of circulating tumour cells (CTCs) and circulating tumour DNA (ctDNA) in high-grade serous ovarian cancer

Coffee Break / Exhibition / Poster Viewing / Industry Spotlight (not eligible for CME)
16:25 - 17:40 Exhibition & Poster Area & Spotlight Area (FORUM)

Poster Discussion Session & Defence - Odd Numbers (not eligible for CME)
16:30 - 17:00 Exhibition & Poster Area (FORUM)

Poster Discussion Session & Defence - Even Numbers (not eligible for CME)
17:00 - 17:30 Exhibition & Poster Area (FORUM)

Session 6: Novel Targets / Undruggable Targets
Session Chair: Marisol Soengas (Spain)

17:40  Digital Twins for Personalized Oncology
Speaker: Walter Kolch (Ireland)

18:10  Advances in the Development of a Clinically Viable MYC Inhibitor
Speaker: Laura Soucek (Spain)

18:40  Proffered Paper: First-in-class TET2 activator as a new therapeutic strategy to fight cancer
D. Aguilar-Recarte, I. Puig, O. Arqués, L. Cabellos, I. Chicote, I. Marcote, C. Diaz, H. G. Palmer (Spain)


Conference Dinner (pre-registration required)

20:00 – 22:30

-end day 2-
Thursday, 29 February 2024

Meet the Expert - Interactive Session

08:00 - 08:30  Liffey Ballroom
08:00  Exploiting the Concept of Synthetic Lethality for Cancer Therapy Through Loss of Function CRISPR Screens
Speaker: Rene Bernards (Netherlands)

Session 7: Preclinical Models

08:30 - 09:40  Liffey Ballroom
Session Chair: Niamh Lynam-Lennon (Ireland)
08:30  Improved Pre-clinical Models for Translational Cancer Research
Speaker: Annette Byrne (Ireland)
09:00  Models Matter: Lessons from Mice with Human Breasts
Speaker: Cathrin Brisken (Switzerland)
09:30  Proffered Paper: Multi-omic profiling of small cell lung cancer patient-derived xenograft models reveals subtype-specific pathway alterations and therapeutic targets
T. Sen (United States)

Coffee Break / Poster Viewing/ Industry Spotlight (not eligible for CME)

09:40 - 10:10  Exhibition & Poster Area & Spotlight Area (FORUM)

Session 8: Tumour Microenvironment

10:10 - 11:20  Liffey Ballroom
Session Chair: Tracy Robson (Ireland)
10:10  Role of Stromal Heterogeneity and Spatial Distribution in Breast Cancer
Speaker: Fatima Mechta-Grigoriou (France)
10:40  Exploring and Therapeutically Exploiting the Tumor Microenvironment
Speaker: Johanna A Joyce (Switzerland)
11:10  Proffered Paper: Understanding the role of the metastatic niche in metastatic progression
S. Lin, T. Carroll, B. Elshenawy, V. Bridgeman, I. Malanchi, S. De Val, F. Pezzella, A. H Banham, A. L Harris (United Kingdom)

Lunch Break / Exhibition / Poster Viewing / Industry Spotlight (not eligible for CME)

11:20 - 13:30  Exhibition & Poster Area & Spotlight Area (FORUM)

Industry Sponsored Session 4 (not eligible for CME)
Transition Break/ Exhibition / Poster Viewing / Industry Spotlight \textit{(not eligible for CME)}

12:30 - 13:30 Exhibition & Poster Area & Spotlight Area (FORUM)

Posters in the Spotlight 2 \textit{(not eligible for CME)}

12:30 - 13:30 Spotlight Area (Forum)

12:30 \textbf{Ivabradine induces BRCAness to enhance Olaparib sensitivity as a novel treatment strategy for non-BRCA mutated breast cancer.}
\textit{U.S. Khoo, H. Tsoi, M.H. Leung, E.P.S. Man, C. Gong (China)}

12:40 \textbf{IRAK1: a new marker of chemo-immuno-resistance and a potential therapeutic target in Non-Small Cell Lung Cancer}
\textit{S. Digiovanni, S. Parab, G. Doronzo, J. Kopecka, L. Righi, F. Bussolino, S. Novello, G.V. Scagliotti, C. Riganti, I.C. Salaroglio (Italy)}

12:50 \textbf{Can metabolic reprogramming alter T cell ability to kill lung tumour cells?}
\textit{M. Downs, E. Montgomery, C. Brown, N. Lewis, A. Bell, A. Krishnamoorthy, R. Morelli, A. Young, B. Ingram, D. Small, E. Kerr (United Kingdom)}

13:00 \textbf{Longitudinal detection of circulating tumour cells in epithelial ovarian cancer}

13:10 \textbf{Genetic and High Throughput Drug Screening revealed new synthetic lethal interactions to Proteasome Inhibitors in Multiple Myeloma}
\textit{M. Cumerlato, E. Mereu, C. Bandini, T. Paradzik, D. Abbo, M. Labrador, M. Maccagno, M. D'Agostino, A. Neri, R. Piva (Italy)}

13:20 \textbf{Immunological changes in the tumor microenvironment induced by ORCA-010, an oncolytic adenovirus, in early-stage Prostate cancer: Interim results from a Phase I/IIA clinical trial}
\textit{T. Brachtlova, R. Nadafi, W. Dong, V. Van Beusechem (The Netherlands)}

Session 9: Epigenetics

13:30 - 14:40 Liffey Ballroom

\textit{Session Chair: Hugues de The (France)}

13:30 \textbf{Mechanisms of Cell Plasticity in Breast Cancer}
Speaker: Celine Vallot (France)

14:00 \textbf{Understanding and Targeting Disease Mechanisms in Cancers with Perturbations of the Polycomb Epigenetic Regulators}
Speaker: Adrian Bracken (Ireland)

14:30 \textbf{Proffered Paper: Histone H2A ubiquitination in chromatin structure, transcription and cancer}
\textit{E. Doyle, M. Davies, N. Orfali, D. Pasini, E. Conway (Ireland)}
Closing Keynote Lecture & IACR Award Lecture

14:40 - 16:15

Liffey Ballroom

Tracy Robson (Co-Chair IACR)
Rene Bernards (Co-Chair EACR)

14:40
Harnessing Senescence Biology for Cancer Suppression
Keynote Speaker: Scott Lowe (USA)

15:25
IACR Outstanding award for contribution to Cancer Medicine and Research
Award Lecturer: John Crown (Ireland)

16:05
Farewell & EAI 2024 Highlights

-end day 3-