



IRISH ASSOCIATION FOR CANCER RESEARCH

2009 ANNUAL MEETING
Hodson Bay Hotel & Spa, Athlone

PROGRAMME

THURSDAY 5th MARCH

9.00am-10.00am On-Site Registration

9.15am-9.45am **Annual General Meeting** (Clonmacnoise Suite)
[Tea/Coffee served in Clonmacnoise Suite & Bar Area]

10.00am-12.20pm **Proffered Papers Session (9 x 15 minute talks)**
Chairs: Prof. Dennis McCance & Prof. William Watson

10.00am Barret R, University College Cork
“To investigate the function of RACK1 in IGF-1 signalling”

10.15am McCoy F, Queen’s University Belfast
“Resistance to the Prosurvival BCL-2 antagonist Obatoclax is associated with loss of mitochondrial BIM and MCL-1 regulation”

10.30am Yakkundi A, Queen’s University Belfast
“Novel peptide derivatives of FKBPL demonstrate potent anti-metastatic activity and target CD44”

10.45am Gremel G, University College Dublin
“MSX2 as a prognostic marker in primary cutaneous melanoma: assessment by the use of tissue microarray”

11.00am Odrzywol E, Queen’s University Belfast
“Regulation of the class III PI-3-kinase, hVps34, in cancer cells”

11.15am O’Keefe J, University College Cork
“EVA (Endosomal V-ATPase associated) protein enhances survival and motility signalling by regulating trafficking of receptors”

11.30am Harte M, Queen’s University Belfast
“BRD7, a subunit of PBAF-specific SWI/SNF complexes binds directly to BRCA1 and regulates BRCA1-dependent transcription”

11.45am McSherry E, Royal College Surgeons Ireland
“JAM-A; a new regulator of breast cancer cell motility through β 1-integrin and RAP1-GTPase?”

12.00am Carmody R, University College Cork
“PML nuclear bodies maintain NF-kappaB transcriptional activity”

12.20pm-1.15pm *Lunch*, served in Octagon and L’Escale

Exhibits and Oral Posters (Clonmacnoise)

10 minute Presentation by Slidepath at 12.55pm in Clonmacnoise Suite

1.15pm-2.45pm *Plenary Session I*
OBESITY AND METABOLISM
Chairs: Prof. Rosemary O’Connor & Dr. Jacintha O’Sullivan

Prof. Dario Alessi, University of Dundee, UK
“Disruption on the highways of cell communication”

Prof. Derek LeRoith, Mt. Sinai Hospital, New York City, USA
“Obesity and Type 2 Diabetes increased cancer development and progression”

Prof. Donal O’Shea, St. Vincent’s Hospital, Dublin
“How does obesity cause cancer?”

2.45pm-3.15pm *Coffee/Tea/Exhibits/Oral Poster Viewing*

3.15pm-4.15pm **Oral Posters Presentations (10 x 6min talks)**
Chairs: Prof. Patrick Johnston & Prof Elaine Kay

Keeshan K, University College Cork
“A structural and functional study of oncogene Trib2 in acute myeloid leukaemia”

Donatello S, Royal College Surgeons Ireland
“A novel mechanism for regulating CD44-based breast cancer cell motility”

Dowling C, University College Dublin
“Manipulating Docetaxel resistance in hormone-refractory prostate cancer cells”

Rajendran S, Cork Cancer Research Centre
“A novel ex vivo model for the study of gene delivery to patient tissue”

McCloskey R, Queen's University, Belfast
"Nucleophosmin knock-down inhibits E6/E7 function through deregulation of Arf"

Panov K, Queen's University, Belfast
"Topoisomerase II-alpha controls the kinetics of reactivated rRNA gene transcription"

Zagozdzon R, University College, Dublin
"VEGF-VEGFR1 autocrine survival system confers Bcl-2-dependent chemotherapy resistance in breast cancer cells"

Hodges V, Queen's University, Belfast
"Erythropoietin (EPO) stimulation of neoplastic cell behaviour"

Fanning D, University College, Dublin
"A Biomarker Panel for Pre-operative Prostate Cancer Stratification"

Kelly G, University College, Cork
"Regulation of Insulin-Like Growth Factor I Receptor function by serine phosphorylation of its C-terminus".

4.30pm-6.00pm ***Plenary Session II:***
TRANSLATING THE SCIENCE
Chairs: Dr. Dean Fennell & Dr. Richard Kennedy

Dr. Samuel Sidi, Dana Farber Cancer Institute, Boston, USA
"Dissecting therapeutic pathways *in vivo* using zebrafish: Chk1 targeting"

Dr. Charles Swanton, CRUK London Research Institute, UK
"Synthetic lethal approaches to targeting drug resistance pathways in cancer"

Prof. William Muller, McGill University, Montreal, Canada
"Transgenic mouse models of human breast cancer"

6.00pm-6.30pm ***State of the Art Lecture***
Sponsored by EACR
Introduction: Prof. Grace Callagy

Prof. Carlos Caldas, University of Cambridge, UK
"Translating Breast Cancer Genomic Landscapes into Clinical Application"

6.30-8.30pm

Poster Session

Wine/Canapé Reception Sponsored by Almac Discovery

8.30pm

Buffet Dinner

Sponsored by Irish Cancer Society

FRIDAY 6th MARCH

8.00am-10.30am Proffered Papers Session (10 x 15 minute talks) **Chairs: Dr. Sharon McKenna & Dr. Ciaran Morrison**

8.00am Martin FT, National University of Ireland, Galway
“Interactions between Mesenchymal Stem Cells (MSCs) and Breast Cancer Cells support induction of Epithelial-Mesenchymal Transition”

8.15am Busacca S, University del Piemonte Orientale, Italy
“Altered microRNA gene expression as a signature of human malignant mesothelioma with novel implications for diagnosis and prognosis”

8.30am McMahon M, University College Cork
“The WDR3 protein is required for ribosome biogenesis and IGF-I-promoted cell cycle progression in cancer cells”

8.45am Dickson G, Queen’s University, Belfast
“Characterisation of HOXA6 in haematopoiesis and acute myeloid leukaemia”

9.00am Szlogarek P, Institute of Cancer Research, Barts and the London
“Molecular correlates of ASS1 expression and sensitivity to arginine depletion in patients with malignant pleural mesothelioma”

9.15am Redmond K, Queen’s University, Belfast
“The role and mechanism of c-FLIP-mediated drug resistance in NSCLC”

9.30am Potter S, National University of Ireland, Galway
“Stromal-Epithelia Interactions in the Primary Breast Tumour Microenvironment In Vitro and In Vivo”

9.45am Crawford N, Queen’s University, Belfast
“The BH3 peptidomimetic obatoclax restores absent mitochondrial death signals in cisplatin resistant non-small cell lung cancer”

EACR Young Scientist Awardees

10.00am O’Connor D, University College Dublin
“The Cocaine and Amphetamine-Regulated Transcript (CART) is an Independent Marker of Breast Cancer Outcome and Predicts Response to Tamoxifen”

10.15am Valentine A, Queen’s University, Belfast
“FKBPL: a novel anti-angiogenic peptide”

10.30am-11.00am *Coffee/Exhibits*

11.00am-1.00pm *Plenary Session III*
STEM CELL BIOLOGY
Chairs: Prof. Frank Barry & Dr. Lorraine O'Driscoll

Prof. Max Wicha, University of Michigan, Ann Arbor, USA
Title of talk to be confirmed

Dr. Robert Clarke, University of Manchester, UK
“Notch4 receptor signalling regulates colony-forming and *in vivo* transplantation efficiency of breast cancer-initiating cells”

Dr. Adrian Bracken, Trinity College, Dublin
“Cell Fate Transcription Factors and Cancer”

Prof. Stuart Orkin, Dana Farber Cancer Institute, Boston, USA
“Developmental stage-specific contributions to fetal hematopoiesis and leukemogenesis”

1.00pm-2.00pm *Lunch/Exhibits/Posters Viewing*

2.00pm-4.00pm *Plenary Session IV*
CELL DEATH MECHANISMS
Chairs: Prof. Tom Cotter & Dr. Dan Longley

Dr. Eyal Gottlieb, CRUK Beatson Institute, Glasgow, UK
“The role of mitochondrial cardiolipin in caspase activation”

Prof. Peter Daniel, University Medical Centre Charite, Berlin,
“Bcl-2 family genes in cancer: impact on resistance mechanisms and targeted cancer therapies”

Prof. Seamus Martin, Trinity College, Dublin
“The Bcl-2 family and cancer chemotherapy”

Dr. Marcus Rehm, Royal College Surgeons Ireland, Dublin
“Cellular death decision thresholds during apoptosis initiation and execution”

4.00pm-4.30pm *Coffee/Tea*

4.30pm-6.00pm Plenary Session V
INFLAMMATION & TUMOUR IMMUNOLOGY
Chairs: Prof. Cliona O’Farrelly & Prof. Jim Johnston

Prof. Luke O’Neill, Trinity College, Dublin
“Toll-like receptors, microRNAs and cancer”

Dr. Seth Rakoff-Nahoum, Yale University, New Haven, USA
“Physiology and pathophysiology of innate recognition of the intestinal microbial flora”

Prof. Fran Balkwill, Barts and The London, London, UK
“Targeting Cancer-Related Inflammation”

6.00pm-6.30pm *Irish Cancer Society Lecture*
Introduced by Prof. Mark Lawler, President, IACR
Chair: Mr. John McCormick, Irish Cancer Society

Dr. Joe Harford, Office of International Affairs, National Cancer Institute, Bethesda, USA
“The Role of Physicians and Other Healthcare Professionals in Cancer Control”

8.00pm Gala Dinner

Including Award Ceremony:
Presentation of Merck-Serono Graduate Travel Awards,
EACR Young Scientist Awards and IACR Young Scientist Awards

Followed by Band and Late Bar