

10th TCD International Cancer Conference 2016

New Frontiers in Personalised Cancer Care

17-18th October 2016

Stanley Quek Lecture Theatre

Trinity Biomedical Sciences Institute

Trinity College Dublin

17th October

9.00 – 9.20 **WELCOME ADDRESS AND CONFERENCE OPENING**

SESSION 1: ADVANCES IN CANCER PREVENTION

Chair: Professor Cara Martin, Assistant Professor in Molecular Pathology and Tumour Biology, Department of Pathology, The Coombe Women and Infants University Hospital & Trinity College Dublin

9.20 ***Advances in Cancer Prevention***

Professor Elisabete Weiderpass, Professor of Medical and Cancer Epidemiology, Department of Medical Epidemiology and Biostatistics, Karolinska Institute, Stockholm, Sweden

9.50 ***New Opportunities for Personalised Cancer Prevention***

Professor Catherine Hayes, Associate Professor Public Health Medicine, Trinity College Dublin, Ireland

10.20 ***Short Talk: HPV Primary Screening Pilot Study***

Dr Christine White, Department of Histopathology, Trinity College Dublin, Dublin, Ireland and the Coombe Women and Infants University Hospital, Dublin, Ireland

10.35 ***Short Talk: Frequency of BRCA 1 and BRCA2 mutations in an unaffected Irish cohort***

Michael Farrell, CNS in Cancer Genetics, Clinical Cancer Genetics Department, Mater Private Hospital, Dublin

10.50 – 11.30 ***Coffee Break and Poster Viewing***

SESSION 2: ADVANCES IN CANCER IMMUNOTHERAPY

Chair: Professor Derek Doherty, Associate Professor and Head of Immunology, Trinity Translational Medicine Institute and St. James's Hospital

- 11.30 ***Enhancing the Efficacy of Cancer Immunotherapeutics and Vaccines Using Inhibitors of Immune Checkpoint and Treg Cells***
Professor Kingston Mills, Professor of Experimental Immunology, Head Immunology, Inflammation and Infection Research Theme, Trinity Biomedical Sciences Institute, Trinity College Dublin, Ireland
- 12.00 ***In Vivo Discovery of Novel Targets for Cancer Immunotherapy***
Professor Kai Wucherpfennig, Chair of the Department of Cancer Immunology and Virology, Dana-Farber Cancer Institute, Professor, Neurology, Harvard Medical School, Boston, USA
- 12.30 ***Adoptive T cell Therapy for Cancer***
Dr David Gilham, Reader, Clinical and Experimental Immunotherapy Group, Institute of Cancer Sciences, Manchester Cancer Research Centre, University of Manchester, UK
- 13.00 ***Short Talk: Immunotherapy options for the obese cancer patient***
Dr Joanne Lysaght, Department of Surgery, Trinity Translational Medicine Institute, St. James's Hospital
- 13.15 ***Short Talk: HLA-DR is an independent prognostic indicator of patient survival in oesophageal adenocarcinoma***
Dr Margaret Dunne, Department of Surgery, Trinity Translational Medicine Institute, St. James's Hospital
- 13.30 – 14.20 ***Lunch and Poster Viewing***

SESSION 3: ADVANCES IN SURGICAL ONCOLOGY

Chair: Professor John Reynolds, Head of Surgery and Consultant Surgeon, Trinity Translational Medicine Institute and St. James's Hospital

- 14.20 ***Robotic Thoracoscopic Oesophagectomy for Esophageal Cancer***
Professor Richard van Hillegersberg, Gastrointestinal Oncologic Surgeon, University Medical Center Utrecht, The Netherlands
- 14.50 ***Quantitative Imaging as a Potential Biomarker of Outcome***
Professor William R. Jarnagin, Chief, Hepatopancreatobiliary Service, Benno C. Schmidt Chair in Surgical Oncology, Memorial Sloan Kettering Cancer Center, New York, USA
- 15.20 ***Molecular Staging of Oesophageal Cancer - Moving Beyond Shades of Purple***
Mr Christopher Peters, Clinical Senior Lecturer and Consultant Upper GI and General Surgeon, Imperial College London, UK
- 15.50 – 16.20 ***Coffee Break and Poster Viewing***

- 16.20 ***Introduction of the 2016 Burkitt Medal Awardee***
 Professor Owen Smith, CBE, Professor of Paediatric and Adolescent Medicine at University College Dublin and Consultant Paediatric Haematologist at Our Lady's Children's Hospital, Crumlin, Dublin, Honorary Regius Professor of Physic (1637) in the School of Medicine, Trinity College Dublin
- 16.30 ***Burkitt Lecture***
Cancer Prevention: from Denis Burkitt to the Human Genome Project
 Dr Paul Brennan, Head of the Genetics Section of the International Agency for Research on Cancer (IARC), Lyon, France
- 17.30 ***Reception***
- 19.00 ***Conference Dinner in Trinity College Dining Hall and Presentation of the 2016 Burkitt Medal (for delegates registered for the dinner in advance)***

18th October

SESSION 4: ADVANCES IN RADIOTHERAPY

Chair: Professor Jacintha O'Sullivan, Associate Professor, Department of Surgery, Trinity Translational Medicine Institute, St. James's Hospital

- 9.00 ***Personalised in Situ Tumour Vaccination by Radiation and Immunotherapy***
 Professor Sandra Demaria, Professor of Radiation Oncology and Pathology, Weill Cornell Medical College, New York, USA
- 9.30 ***Novel Concepts of Clinical Research in Radiation Oncology***
 Professor Philippe Lambin, Head of Department, Maastricht Radiation Oncology Lab, University of Maastricht, The Netherlands
- 10.00 ***Short Talk: A novel role for the complement cascade in chemoradiation therapy resistant oesophageal adenocarcinoma***

 Dr Niamh Lynam Lennon, Department of Surgery, Trinity Translational Medicine Institute, St. James's Hospital
- 10.15 – 10.45 ***Coffee Break and Poster Viewing***

SESSION 5: ADVANCES IN TARGETED THERAPEUTICS/PRECISION MEDICINE

Chair: Professor Lorraine O'Driscoll, Associate Professor of Pharmacology, School of Pharmacy and Pharmaceutical Sciences, Trinity College Dublin

- 10.45 ***Role of the Inflammasomes in Intestinal Inflammation***
 Professor Gabriel Núñez, Paul de Kruif Professor, Department of Pathology, University of Michigan, Ann Arbor, USA

- 11.15 ***Precision Medicine in the Breast Cancer Arena: Insights from National and International Collaborative Networks***
Professor William Gallagher, Professor Cancer Biology, Director, Conway Institute, University College Dublin, Dublin, Ireland
- 11.45 ***Mapping the PTM Landscape in Health and Disease***
Dr Yifat Merbl, Department of Immunology, The Leonard and Carol Berall Career Development Chair, Weizmann Institute of Science, Israel
- 12.15 ***Short Talk: A novel digital pathological approach to definitively identify CTCs***
Dr Cathy Spillane, Department of Histopathology, Trinity College Dublin, Dublin, Pathology Research, The Coombe Women & Infants University Hospital, Dublin, The Biomedical Diagnostics Institute, Dublin City University, Dublin, Ireland
- 12.30 ***Short Talk: Extracellular Vesicle studies identify the potential diagnostic relevance of miR-134 as a biomarker for Triple Negative Breast Cancer and as a potential therapeutic option***
Ms Michelle Lowry, School of Pharmacy and Pharmaceutical Sciences, Trinity College Dublin, Dublin
- 12.45 ***Short Talk: Targeted polyethylene glycol gold nanoparticles for the treatment of pancreatic cancer: from synthesis to proof-of-concept in vitro studies***
Dr Dania Movia, Department of Clinical Medicine, School of Medicine, Trinity College Dublin, Dublin, and AMBER Centre, CRANN Institute, Trinity College Dublin, Dublin, Ireland
- 13.00 – 14.00 ***Lunch and Poster Viewing***

SESSION 6: ACADEMIC CANCER CENTRES

Chair: Professor Paul Browne, Head of School of Medicine and Consultant Haematologist, Trinity Translational Medicine Institute and St. James's Hospital

- 14.00 ***The Role of Accredited Comprehensive Cancer Centres in the Drive for Personalised Cancer Care***
Mr Simon Oberst, Accreditation and Designation WG Chairperson of the OECl
- 14.40 ***Irish Perspective***
Professor John O'Leary, Chair of Pathology, Cancer Theme Leader, Trinity College Dublin
- 15.10 ***Awards for Best Proffered Papers and Posters***
Close of Conference
- 15.45 ***Reception***