

IRRS 2016 – Provisional Programme

Friday 11th November 2016

Time	Presenter
1:00 pm	Welcome lunch
2:00 – 4:00 pm	Session One “ Enhancing the Molecular mechanisms of radioresistance” – Chair – Dr Laure Marignol / Prof. Tracy Robson
1.20 - 1.30 pm	Welcome – Dr Laure Marignol
1.30 - 2.30 pm	Prof. Tracy Robson, RCSI “The therapeutic and diagnostic potential of FKBPL/ALM201; from discovery to clinic”
2.30 – 3:00 pm	Dr. Laure Marignol, Trinity College Dublin “Developing therapeutic packages for prostate cancer radiotherapy”
3:00 - 3.10 pm	Nathalie Owen, QUB “ Radiation-induced inflammatory signalling as a targeting strategy for locally advanced prostate cancer”
3:10 - 3.20 pm	Shannon O’Neill, QUB “Improving the outcome of locally advanced prostate cancer by combining radiotherapy with a cancer stem cell targeting gold nanoparticle”
3:20 - 3.30 pm	Deborah Gwynne, QUB “Effectiveness of laser accelerated ultra-high dose rate protons in DNA DSB damage induction under oxic and hypoxic conditions“
3:30 – 4:00 pm	Coffee Break & poster viewing
4.00 – 5:30 pm	Session Two “ Novel biomarkers of the radiation response” - Chair – Dr Niamh Lynam- Lennon, Prof. Fiona Lyng
4.00 - 4.30 pm	Prof. Orla Howe, DIT “Predictive biomarkers of cellular radiosensitivity”
4.30 - 5:00 pm	Dr Niamh Lynam- Lennon, Trinity College Dublin “Improved stratification of oesophageal cancer patients-The role of molecular markers predicting response to therapy.”
5:00 – 5:10 pm	Dr Jane Bryant, DIT “Gene expression and Bystander signalling in cancer as potential indicators of late radiation toxicity in prostate cancer”

5:10 – 5:20 pm	Dr. Philippe Turner, QUB “The ADRRAD trial: “Neo-adjuvant androgen deprivation therapy, pelvic radiotherapy and radium-223 for new presentation T1-4 N0-1 M1b adenocarcinoma of the prostate”
5:20 – 5:30 pm	Dr Ciara Lyon, TCD “SPORT High-Risk Trial: A Randomised Feasibility Study Evaluating Stereotactic Prostate Radiotherapy in High-Risk Localised Prostate Cancer with or without Elective Nodal Irradiation”
5:30 – 6:30 pm	Key note lecture Prof Don Jones University of Leicester “DNA damage assays: how to get the data you want!”
7.00 pm	Dinner – The Morrison

Saturday 12th November 2016

Time	Presenter
9:30 - 11:00 am	Session Three – “Modelling radioresistance ” Chair – Dr Aidan Meade / Dr Suneil Jain
9:30 – 10:00 am	Dr Aidan Meade, DIT “A prognostic assay of radiotherapeutic treatment outcome using vibrational spectroscopy”
10:00 – 10:30 am	Dr Suneil Jain, QUB “Gene expression biomarkers in prostate cancer”
10:30 – 10:40 am	Dr Stephen McMahon, QUB “Mechanistic modelling of radiation sensitivity”
10:40 – 10:50 am	Dr Miheala Ghita, QUB “Modelling responses to spatially fractionated radiation fields using preclinical image-guided radiotherapy”
10:50 – 11:00	Dr. Adrian Maguire, DIT “Classification of extreme radio-sensitivity in-vitro with Raman spectroscopy”
11:00 – 11:30 am	Coffee break
11:30 – 13:00	Session Four – “Novel methodologies” – Chair –Dr Lorraine Currivan / Dr Mark Foley
11:30 – 12:00am	Dr Lorraine Currivan / Dr Jack Madden Transposing the Euratom Basic Safety Directive – a time for change
12:00 – 12:30 pm	Dr Mark Foley TBC
12:30 – 12:40 pm	Ms Amanda Tulk, X-Strahl “The need for accurate dosimetry in pre-clinical radiobiology studies”
12:40 – 12:50 pm	Niall Murphy, EPA “Development and Application of Monte Carlo Models for HPGe Gamma Spectrometry”
12:50 – 13:00 pm	Catarina Figueira “Development of a novel solid state 3D dosimeter: from fabrication to application”
13:00 – 13:10 pm	General discussion and Meeting close - Aiden Meade – IRRS Chairperson

13:10 -

Annual General Meeting and departure