

Radiation Break-through: from DNA damage responses to precision cancer therapy Programme

Oxford, UK

12 - 14 March 2018



Scientific Programme

Monday 12th March 2018

- 11:30 **REGISTRATION**
Wolfson College foyer
tea/coffee will be available in the Haldane Room
- 12:00 **LIGHT LUNCH**
The Haldane Room
- 13:30 **CONFERENCE WELCOME**
The Leonard Wolfson Auditorium
Scientific Programme Committee

SESSION 1 - DDR & DNA REPAIR
Session Chair: Jos Jonkers
- 13:35 **OPENING LECTURE**
Steve Jackson
University of Cambridge, UK
"Cellular responses to DNA damage: mechanistic insights and therapeutic applications"
- 14:20 **Alessandro A. Sartori**
University of Zurich, Switzerland
"Exploiting cell-penetrating peptide inhibitors of homologous recombination as research tools and as novel cancer therapeutics"
- 14:50 **Author to be selected**
Proffered Paper 1
- 15:05 **Karlene Cimprich**
Stanford University School of Medicine, USA
"Mechanisms for the Maintenance of Genome Stability"
- 15:35 **COFFEE BREAK**
The Haldane Room
- 16:05 **Author to be selected**
Proffered Paper 2
- 16:20 **Madalena Tarsounas**
CRUK/MRC Oxford Institute for Radiation Oncology, UK
"Targeting BRCA1 and BRCA2 deficiencies: towards the development of novel therapeutic strategies"
- 16:50 **Christian Reinhardt**
University Hospital Cologne, Germany
"Targeting defects in the DNA damage response to treat tumors driven by non-druggable oncogenes"

- 17:20 **EXHIBITOR INTRODUCTIONS**
A fun session to introduce the companies who are exhibiting at the conference
- 17:30 **WELCOME BUFFET AND DRINKS**
The Haldane Room & Hall
Opening of the trade exhibition
- 18:30 **POSTER DEFENCE SESSION 1**
The Haldane Room & Hall
until 20:30

Tuesday 13th March 2018

- 08:30 **POSTER VIEWING**
The Haldane Room & Hall
Tea/coffee will be available
- SESSION 2 - BIOMARKERS & TISSUE RESPONSES TO RADIATION (1)**
Session Chair: Karlene Cimprich
- 09:00 **Jos Jonkers**
Netherlands Cancer Institute (NKI), Netherlands
"Identification of cancer drivers and mechanisms of therapy resistance in mouse models of BRCA-deficient breast cancer"
- 09:30 **Kirsten Lauber**
Ludwig-Maximilians-Universität München, Germany
"Dying cell clearance and its impact on the outcome of cancer radiotherapy"
- 10:00 **Author to be selected**
Proffered Paper 3
- 10:15 **Ludwig Dubois**
Maastricht University, Netherlands
"Radiotherapy and immunotherapy: partners in crime"
- 10:45 **COFFEE BREAK**
The Haldane Room
- 11:15 **Author to be selected**
Proffered Paper 4
- 11:30 **Verena Jendrossek**
University of Duisburg-Essen, Germany
"Radiation-induced normal tissue toxicity: new insight from damage signaling and tissue-specific immune defense strategies"
- 12:00 **SATELLITE SYMPOSIUM**
- 12:30 **SEATED LUNCH**
The Haldane Room & Hall
- SESSION 3 - BIOMARKERS & TISSUE RESPONSES TO RADIATION (2)**
Session Chair: Martin Pruschy
- 14:00 **Catherine West**
University of Manchester, UK
"Radiobiology biomarkers for precision radiotherapy"

- 14:30 **Anderson Ryan**
University of Oxford, UK
"Normal Tissue Responses to DNA Damage Response Modulators in the Lung"
- 15:00 **Author to be selected**
Proffered Paper 5
- 15:15 **Andrew Tutt**
The Institute of Cancer Research (ICR), UK
"Understanding genomic instability and targeting defective DNA damage responses in breast cancer"
- 15:45 **MEET THE EXPERTS SESSION**
with Madalena Tarsounas, Verena Jendrosseck and Karlene Cimprich
- 16:30 **POSTER DEFENCE SESSION 2**
The Haldane Room & Hall
until 18:30
- 19:00 **CONFERENCE DINNER**
Cherwell Boathouse
Pre-booked optional extra

Wednesday 14th March 2018

- 08:30 **POSTER VIEWING**
The Haldane Room & Hall
Tea/coffee will be available
- SESSION 4 - TRANSLATIONAL**
Session Chair: Madalena Tarsounas
- 09:00 **EMBO KEYNOTE LECTURE**
Jan Hoeijmakers
Erasmus MC, Netherlands
"Keeping your genome intact protect from cancer and aging"
- 09:45 **Martin Pruschy**
University Hospital Zürich, Switzerland
"Targeting the secretome as part of combined treatment modalities with radiotherapy"
- 10:15 **Author to be selected**
Proffered Paper 6
- 10:30 **COFFEE BREAK**
The Haldane Room
- 11:00 **Brita Singers Sorensen**
Aarhus University, Denmark
"Hypoxia-specific gene expression signature as prognostic and predictive markers"
- 11:30 **Frank Pajonk**
UCLA, USA
"Cancer Therapies and Cancer Cell Plasticity"
- 12:00 **CLOSING LECTURE**
Amato Giaccia
Stanford University School of Medicine, USA

"Protecting normal tissue from DNA damage to enhance the efficacy of radiotherapy"

12:45 CLOSING SUMMARY

Poster Prizes and Meeting Bursaries will be presented by Verena Jendrossek

13:00 LUNCH & DEPART
The Haldane Room