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 Jendrossek 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