

International Summit on Biomarkers and Therapeutic Advances in Radiation Oncology

2016 CONFERENCE SCHEDULE

Monday, June 20, 2016

On-site registration

Molecular and Clinical Radiobiology Workshop (MCRW 2016)

Tuesday, June 21, 2016

Session I: DNA-Repair and cell signaling

- 8:00 – 8:30 *Breakfast*
- 8:30 – 9:15 Targeting DNA repair in the treatment of cancer.
Dr. Michael Weinfeld, University of Alberta
- 9:15 – 10:00 The DNA repair function of CUX1 contributes to radioresistance.
Dr. Alain Nepveu, McGill University
- 10:00 – 10:15 *Break*
- 10:15 – 11:00 RNF138 and its contribution to genome stability.
Dr. Michael Hendzel, University of Alberta
- 11:00 – 11:45 Probing senescence and DNA damage response pathways as functional cancer biomarkers.
Dr. Francis Rodier, University of Montreal
- 11:45 – 1:00 Selected Oral Abstract Presentations
- 1 pm – 2 pm *Lunch; Poster Session*

Session II: Biomarkers and radiation resistance

- 2:00 – 2:45 Identifying targetable markers of radioresistance.
Dr. Heath D. Skinner, MD Anderson Cancer Center, University of Texas, USA
- 2:45 – 3:30 MicroRNA as mediators of radioresistance and tumour aggressiveness.
Dr. Stanley Liu, University of Toronto
- 3:30 – 3:45 *Break*
- 3:45 – 4:30 Opportunities and challenges in introducing biomarkers into radiation treatment.
Dr. Renate Parry, Varian Medical Systems, USA

4:30 – 5:15 Signals versus metabolites in Radiation Biology.
Dr. Theodoros Tsakiridis, McMaster University

Wednesday, June 22, 2016

Session III: Rapid Learning and Precision Radiotherapeutics in Radiation Oncology

8:00 – 8:30 *Breakfast*

8:30 – 9:15 BigData4Health: does it work?
Dr. Philippe Lambin, Maastricht University, Netherlands

9:15 – 10:00 How to learn from all data of all cancer patients in the world?
Dr. Andre Dekker, Maastricht University, Netherlands

10:00 – 10:15 *Break*

10:15 – 11:00 Antibodies and nanoparticles – precision radiotherapeutics for cancer.
Dr. Raymond Reilly, University of Toronto

11:00 – 12:00 Keynote Lecture:
Søren M. Bentzen, PhD., D.M.Sc, University of Maryland Greenebaum Cancer Center

12:00 – 1:00 Selected Oral Abstract Presentations

1:00 – 2:00 *Lunch; Poster Session*

Session IV: Clinical Trials and Innovation in Radiation Oncology

2:00– 2:45 Combining Focused Radiation with Checkpoint Inhibitors in GBM.
Dr. Michael Lim, Johns Hopkins University School of Medicine, USA

2:45 – 3:30 Innovative radiation randomized trials with integrated radiomics: The CAPRI Initiative.
Dr. David Palma, London Health Sciences Centre

3:30 – 3:45 *Break*

3:45 – 4:30 Intraoperative radiotherapy for glioblastoma: initial results of the INTRAGO phase I/II trial and launch of a phase III trial.
Dr. Frank Giordano, Heidelberg University, Germany

4:30 – 5:15 Prostate Radiation clinical trials in Quebec: oligometastatic prostate cancer and SBRT.
Dr. Tamim Niazi, McGill University

5:30 - 7:30 **Networking dinner reception - Award Ceremony:**
Atrium of the Center for Translational Biology