



# ICTR-PHE 2016

## Monday, 15 February 2016

### Radiobiology (13:30 - 16:45)

-Conveners: Marco Durante; Kevin Prise

time	[id] title	presenter
13:30	[3] A comprehensive omics approach for development of prognostic or predictive biomarkers in squamous cell carcinoma of the head and neck treated with radiation	STORY, Michael
14:00	[4] What are the Dominant Radiobiological Mechanisms at Play in Stereotactic Radiotherapy?	BRENNER, David
14:30	[5] The symbiosis of science of radiation biology with immunology: Impact on basic and translational research	MANSOOR, Ahmed
14:45	[6] The relevance of DNA damage clustering on the nanometer and micrometer scale for the quantitative prediction of radiation effects	SCHOLZ, Michael
15:00	[7] Correlation of Particle Traversals with Clonogenic Survival Using Cell-Fluorescent Ion Track Hybrid Detector	DOKIC, Ivana
15:15	[8] Radiation induced DNA damage in human uveal melanoma cells	JASIŃSKA, Katarzyna
15:30	Coffee break	
16:00	[9] Quantum dots imaging tests on SPAD for nanodosimetric applications	QUARANTA, Alberto
16:15	[10] Disruption of telomere equilibrium sensitises human cancer cells to DNA repair inhibition and radiation	HANDE, Prakash
16:30	[11] Investigating the impact of a variable RBE on proton dose fractionation across an actively scanned spread-out Bragg peak	PRISE, Kevin