

## **Session Program**

**Feb 15 - 19, 2016**

## **ICTR-PHE 2016**

### ***Radiobiology***

Centre International de Conférences de Genève (CICG)  
International Conference Centre Geneva 17, rue de Varembeé CH- 1211 Geneva 2

# Mon, February 15

1:30 PM

## Radiobiology

### Session |

**Location:** Centre International de Conférences de Geneve (CICG), International Conference Centre Geneva 17, rue de Varembé CH- 1211 Geneva 2

1:30 - 2:00 PM

### A comprehensive omics approach for development of prognostic or predictive biomarkers in squamous cell carcinoma of the head and neck treated with radiation

#### Speaker

Michael Story

#### Location

Centre International de Conférences de Geneve (CICG), 2, International Conference Centre Geneva 17, rue de Varembé CH- 1211 Geneva 2

2:00 - 2:30 PM

### What are the Dominant Radiobiological Mechanisms at Play in Stereotactic Radiotherapy?

#### Speaker

David Brenner

#### Location

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2:30 - 2:45 PM

### The symbiosis of science of radiation biology with immunology: Impact on basic and translational research

#### Speaker

Ahmed Mansoor

#### Location

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2:45 - 3:00 PM

### The relevance of DNA damage clustering on the nanometer and micrometer scale for the quantitative prediction of radiation effects

#### Speaker

Michael Scholz

#### Location

Centre International de Conférences de Geneve (CICG), International Conference Centre Geneva 17, rue de Varembé CH- 1211 Geneva 2

3:00 - 3:15 PM

### Correlation of Particle Traversals with Clonogenic Survival Using Cell-Fluorescent Ion Track Hybrid Detector

#### Speaker

Ivana Dokic

#### Location

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3:15 – 3:30 PM

**Radiation induced DNA damage in human uveal melanoma cells****Speaker**

Katarzyna Jasińska

**Location**

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3:30 – 4:00 PM

**Coffee break**

4:00 – 4:15 PM

**Quantum dots imaging tests on SPAD for nanodosimetric applications****Speaker**

Alberto Quaranta

**Location**

Centre International de Conférences de Geneve (CICG), 2, International Conference Centre Geneva 17, rue de Varembé CH- 1211 Geneva 2

4:15 – 4:30 PM

**Disruption of telomere equilibrium sensitises human cancer cells to DNA repair inhibition and radiation****Speaker**

Prakash Hande

**Location**

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4:30 – 4:45 PM

**Investigating the impact of a variable RBE on proton dose fractionation across an actively scanned spread-out Bragg peak****Speaker**

Kevin Prise

**Location**

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4:45 PM