

## RSM Events at the AACR Annual Meeting 2017

### **Radiation Science and Medicine Working Group Town Hall Meeting and Networking Reception**

Chairperson: Theodore S. Lawrence, MD, PhD

This program included a debate over which genomic technologies will have the most impact in predicting radiation response in the next five years.

#### Moderator

David R. Gius, Northwestern University, Chicago, Illinois

#### Panelists

Mohamed Abazeed, The Cleveland Clinic Taussig Cancer Institute, Cleveland, Ohio

Timothy A. Chan, Memorial Sloan Kettering Cancer Center, New York, New York

Maximilian Diehn, Stanford University, Stanford, California

Sunitha Nagrath, University of Michigan, Ann Arbor, Michigan

### **Radiation Science and Medicine Working Group Special Scientific Session: Fundamental Advances in Induced Modeling and Signatures for Radiation Carcinogenesis**

#### *CME-designated*

This session explored the molecular repercussions of radiation exposure including identification of resulting genetic signatures and the effect of radiation on cell signaling pathways and carcinogenesis.

#### Moderator

Robert G. Bristow, University Health Network Princess Margaret Hospital, Toronto, Ontario, Canada

### Speakers

Peter J. Campbell, Wellcome Trust Sanger Institute, Cambridge, United Kingdom. "Mutational signatures of radiation exposure"

James V. DeGregori, University of Colorado School of Medicine, Aurora, Colorado. "Radiation exposure alters the adaptive landscape for oncogenic events"

Chuan-Yuan Li, Duke University Medical Center, Durham, North Carolina. "Sublethal activation of caspases and its roles in radiation therapy and carcinogenesis"

Jean L. Nakamura, UCSF, San Francisco, California. "Post-radiation mutational signatures"