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 Nagrah, 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"