DAY 1
THURSDAY • SEPTEMBER 12, 2019

8:30 am - 8:40 am  Welcome
Lewis C. Cantley, PhD
Weill Cornell Medical College, New York, NY, USA

Introduction
Silvia C. Formenti, MD
Weill Cornell Medical College, New York, NY, USA

CME-ACCREDITED PRIMER ON IMMUNOTHERAPY AND RADIATION
Supported by the Society for Immunotherapy of Cancer (SITC)

8:40 am - 10:30 am  Session I – Tumor immunology
Keynote Lecture – Cancer Immunotherapy - Past, Present and Future
Jedd D. Wolchok, MD
Memorial Sloan Kettering Cancer Center, New York, NY, USA

Innate immunity
Niroshana Anandasabapathy, MD, PhD
Weill Cornell Medical College, New York, NY, USA

Adaptive immunity
Gary Koretzky, MD
Weill Cornell Medical College, New York, NY, USA

10:30 am –10:45 am  Coffee break

10:45 am - 12:30 pm  Session II – Basic principles of radiation therapy for the immuno-oncologist
Radiation biology for immunologists
William McBride, PhD
UCLA, Los Angeles, CA, USA

Effect of radiation on vessels
David Kirsch, MD, PhD
Duke University, Durham, NC, USA

Radiation effects on tumor microenvironment
Mary-Helen Barcellos-Hoff, PhD
UCSF, San Francisco, CA, USA

Questions to the panel

12:30 pm -1:30 pm  Lunch break
1:30 pm – 3:30 pm  
**Session III – Progress in radiotherapy, immunotherapy and their combination**

The fundamental equation of oncoimmunology: Immunogenicity = antigenicity + adjuvanticity

**Guido Kroemer, MD, PhD**  
Centre de Recherche des Cordeliers, Paris, France

**Charles G. Drake, MD, PhD**  
Columbia University, New York, NY, USA

**Michel Sadelain, MD**  
Memorial Sloan Kettering Cancer Center, New York, NY, USA

**Timothy Illidge, PhD**  
University of Manchester, Manchester, UK

3:30 pm – 3:45 pm  
**Coffee break**

3:45 pm - 5:45 pm  
**Session IV – Imaging of the tumor and its microenvironment**

**Radiomics**

**Eric Deutsch, MD**  
Gustave Roussy Comprehensive Cancer Campus, Villejuif, France

**Immune profiling of primary and metastatic tumors**

**Jerome Galon, MD, PhD**  
Centre de Recherche des Cordeliers, Paris, France

**Theranostic tools**

**John W. Babich, MD**  
Weill Cornell Medical College, New York, NY, USA

**Quantitative imaging with radiation**

**Philippe Lambin, MD, PhD**  
Maastricht University, Maastricht, The Netherlands

5:45 pm  
**End of Day 1**
8:30 am - 10:30 am  
**Session IV – Tumor and host factors impacting tumor immunity**

**Microbiota in the efficacy of cancer immunotherapy**  
Laurence Zitvogel, MD, PhD  
Gustave Roussy Comprehensive Cancer Campus, Villejuif, France

**Microbiota and radiotherapy in cervical cancer**  
Ann H. Klopp, MD, PhD  
MD Anderson Cancer Center, Houston, TX, USA

**Negative impact of sucrose on colorectal carcinogenesis**  
Lewis C. Cantley, PhD  
Weill Cornell Medical College, New York, NY, USA

10:30 am –10:45 am  
Coffee break

10:45 am - 12:30 pm  
**Session VI – Radiation immunotherapy combinations in the clinic**

**TBD**

Silvia C. Formenti, MD  
Weill Cornell Medical College, New York, NY, USA

**TBD**

James Welsh, MD, PhD  
MD Anderson Cancer Center, Houston, TX, USA

**Role of immunotherapy radiotherapy combinations in the control of oligometastatic disease**  
Jason Luke, MD  
University of Chicago, Chicago, IL, USA

**Toxicity of immunotherapy radiotherapy combinations**  
David Raben, MD  
University of Colorado, Aurora, CO, USA

12:30 pm -1:30 pm  
Lunch break

1:30 pm - 3:30 pm  
**Session VII – Nucleic acid sensing in immunity and autoimmunity**

**Preclinical studies of AsiDNA™ DNA repair inhibitors in combination with radiotherapy for pediatric tumors**  
Marie Dutreix, PhD  
Curie Institute, Paris, France
Mitochondrial DNA and interferon
Virginia Pascual, MD
Weill Cornell Medical College, New York, NY, USA

ATR inhibitors and tumor immunogenicity
Kevin Harrington, MD, PhD
Institute of Cancer Research, London, UK

TBD
Ralph Weichselbaum, MD, PhD
University of Chicago, Chicago, IL, USA

3:30 pm – 3:45 pm
Coffee break

3:45 pm - 5:45 pm
Session VIII – Local and systemic tumor microenvironment

Cancer-associated fibroblasts
Fatima Mechta-Grigoriou, PhD
Curie Institute, Paris, France

Metabolic regulation of tumor immunity
George Prendergast, MD
LIMR, Wynnewood, PA, USA

NK cells
Kai Wucherpfennig, MD
Harvard Medical School, Boston, MA, USA

TBD
Andy Minn, MD
University of Pennsylvania, Philadelphia, PA, USA

5:45 pm
End of Day 2
8:30 am - 10:30 am  
**Session IV – Alternative ways to convert tumor into a vaccine**

**Hypofractionation**

*Sandra Demaria, MD*  
Weill Cornell Medical College, New York, NY, USA

**GRID radiation**

*Mansoor Ahmed, MD*  
NCI, Bethesda, MD, USA

**FLASH radiation**

*Marie-Catherine Vozenin, PhD*  
University of Lausanne, Lausanne, Switzerland

**Ultrasounds**

*Chandan Guha, MD*  
Albert Einstein College of Medicine, Bronx, NY, USA

10:30 am –10:45 am  
**Coffee break**

10:45 am - 11:45 am  
**Session X – Omics in the future of radiation immunotherapy combinations**

**Keynote Lecture - TBD**

*Olivier Elemento, PhD*  
Weill Cornell Medical College, New York, NY, USA

**Concluding remarks**

*Silvia C. Formenti, MD*  
Weill Cornell Medical College, New York, NY, USA

11:45 am  
**End of Day 3**