

***Bringing Cancer Immunology into the Mainstream:
Advancements in Immuno-Oncology***

Yale Center for Immuno-Oncology

Thursday, October 4, 2018

Harkness Auditorium

Registration: yalecancercenter.org/immuno-oncology

8:30 ***Registration & Breakfast***

9:00 ***Opening Remarks***

Robert J. Alpern, MD, Dean, Yale School of Medicine; Ensign Professor of Medicine

Charles S. Fuchs, MD, MPH, Director, Yale Cancer Center; Physician-in-Chief, Smilow Cancer Hospital; Richard Sackler and Jonathan Sackler Professor of Medicine

Roy S. Herbst, MD, PhD, Chief of Medical Oncology; Associate Director for Translational Research; Ensign Professor of Medicine; Interim Director of the Yale Center for Immuno-Oncology

David Schatz PhD, Chair, Department of Immunobiology

Innate and Adaptive Immunity in Cancer

9:15-10:00 **W. Nicholas Haining, BM, BCh**, Associate Professor of Pediatrics, Harvard Medical School; Associate Member, Broad Institute

Genetic Screens to Discover Regulators of Tumor Immunity

10:00-10:15 Discussion

10:15-10:40 **Richard Flavell, PhD, FRS**, Sterling Professor of Immunobiology, Yale School of Medicine

Studying Human Cancer in Humanized Mice

10:40-10:50 Q&A

10:50 - 11:00 ***Coffee break***

Genomics in Immuno-Oncology

11:00-11:35 **Eliezer M. Van Allen, MD**, Assistant Professor of Medicine, Harvard Medical School; Clinician, Dana-Farber Cancer Institute; Associate Member, Broad Institute

Clinical Genomics and Cancer Immunotherapy

11:35-11:45 Discussion

11:45-12:10 **Smita Krishnaswamy, PhD**, Assistant Professor of Genetics and of Computer Science, Yale School of Medicine and Yale University

Manifold Learning Yields Insights on High Dimensional Single Cell Datasets

12:10-12:15 Q&A

12:15 - 1:15 **Lunch**

Tumor Microenvironment

1:15-2:00 **Jennifer Wargo, MD, MMSc**, Associate Professor, Department of Genomic Medicine and Surgical Oncology, MD Anderson Cancer Center
Understanding Responses to Cancer Immunotherapy: The tissue is the issue, but the scoop is in the proof

2:00-2:10 Discussion

2:10-2:30 **Akiko Iwasaki, PhD**, Waldemar Von Zedtwitz Professor of Immunobiology and Molecular, Cellular and Developmental Biology, Yale School of Medicine
T Cell Migration, Function and Residency in Cancer Immunobiology

2:30-2:50 **Kurt Schalper, MD, PhD**, Assistant Professor of Pathology, Yale School of Medicine; Director of Translational Immuno-Oncology Laboratory, Yale Cancer Center

Tumor Immune Contexture and Molecular Analysis for Optimal Anti-Cancer Treatment

2:50-3:00 Q&A

3:00 - 3:15 **Coffee break**

Immunotherapies in Cancer

3:15-4:00 **Suzanne Topalian, MD**, Professor, Surgery and Oncology, Johns Hopkins School of Medicine; Director, Melanoma Program, Johns Hopkins Kimmel Cancer Center; Associate Director, Bloomberg~Kimmel Institute for Cancer Immunotherapy

PD-1 Blockade in Virus-associated Cancers: Intersection of antitumor immunity and infectious immunity

4:00-4:15 Discussion

4:15-4:40 **Harriet Kluger MD**, Professor of Medicine (Medical Oncology), Yale Cancer Center

Treatment of Tumors Resistant to PD-1 Inhibitors

4:40-4:45 Q&A

4:45-5:00 **Closing Remarks**

Roy Herbst, MD, PhD

David Schatz, PhD