Bringing Cancer Immunology into the Mainstream:
Advancements in Immuno-Oncology
Yale Center for Immuno-Oncology
Thursday, October 4, 2018
8:30am – 5:00pm
Harkness Auditorium, 333 Cedar Street, New Haven

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
Moderated by Nikhil Joshi, PhD, Assistant Professor of Immunobiology

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 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

10:40-10:50 Q&A

10:50 - 11:00 Coffee break

Genomics in Immuno-Oncology
Moderated by Nikhil Joshi, PhD, Assistant Professor of Immunobiology

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 Richard Flavell, PhD, FRS, Sterling Professor of Immunobiology, Yale School of Medicine
Studying Human Cancer in Humanized Mice

12:10-12:15 Q&A
12:15 - 1:15  **Lunch**

**Tumor Microenvironment**

*Moderated by Katerina Politi, PhD, Associate Professor of Pathology*

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 poop*

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**

*Moderated by Kurt Schalper, MD, PhD, Assistant Professor of Pathology*

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

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