Yale Center for Immuno-Oncology
Symposium
Friday, October 16, 2020

Opening remarks
9:55 – 10:00 AM
Marcus Bosenberg, MD, PhD, Professor of Dermatology, Pathology, and Immunobiology; Co-Leader, Genetics, Genomics and Epigenetics Research Program; Interim Director, Yale Cancer for Immuno-Oncology

Session 1:

Moderated by Jeffrey Ishizuka, MD, DPhil, Assistant Professor of Medicine (Medical Oncology)

10:00 – 10:30 AM
T cell lifestyle in chronic viral infection and cancer
Rafi Ahmed, PhD, Professor, Department of Microbiology and Immunology, Director of the Emory Vaccine Center, Emory University

10:30 – 11:00
Discovery of new immunotherapy targets and mechanisms leveraging CRISPR
Arlene Sharpe, MD, PhD, George Fabyan Professor of Comparative Pathology, Chair of the Department of Immunology, Harvard Medical School

11:00 – 11:30
Lymphatic vessels, immune surveillance, and immune escape in melanoma
Amanda Lund, PhD, Associate Professor, Ronald O. Perelman Department of Dermatology and the Department of Pathology, NYU Grossman School of Medicine

11:30 – 11:45
Break

Session 2:

Moderated by Tristen Park, MD, Assistant Professor of Surgery (Oncology)

11:45 – 12:15 PM
Cell transfer immunotherapy for patients with metastatic solid cancer
Steven Rosenberg, MD, PhD, Chief of Surgery, Center for Cancer Research, National Cancer Institute

12:15 – 12:45
Next generation CAR T cells to overcome resistance
Crystal Mackall, MD, Ernest and Amelia Gallo Family Professor of Pediatrics and Internal Medicine, Stanford University

12:45 – 1:15
Lunch Break

Session 3:

Moderated by Kelly Olino, MD, FACS, Assistant Professor of Surgery (Oncology)

1:15 – 1:45
From the clinic to the lab: Investigating mechanisms of response and resistance to immune checkpoint therapy
Padmanee Sharma, MD, PhD, Professor, Department of Genitourinary Medical Oncology and Immunology, The University of Texas MD Anderson Cancer Center

1:45 – 2:15
Developing genetically engineered animal models to investigate cancer immunology
Nikhil Joshi, PhD, Assistant Professor of Immunobiology, Yale School of Medicine
2:15 – 2:45  
**Engineered cytokines in cancer immunotherapy**  
*Aaron Ring, MD, PhD, Assistant Professor of Immunobiology, Yale School of Medicine*

2:45 – 3:00  
**Break**

**Session 4:**

3:00 – 3:30  
**T cell exhaustion and immunotherapy**  
*E. John Wherry, PhD, Richard and Barbara Schiffrin President’s Distinguished Professor, Director of the Institute for Immunology, Chair of the Department of Systems Pharmacology and Translational Therapeutics, University of Pennsylvania*

3:30 – 4:00  
**Immune Archetypes in Cancer**  
*Max Krummel, PhD, Professor, Department of Pathology, Robert E. Smith Endowed Chair in Experimental Pathology, University of California San Francisco*

4:00 – 4:05  
**Closing remarks**  
*Marcus Bosenberg, MD, PhD, Professor of Dermatology, Pathology, and Immunobiology, Co-Leader, Genetics, Genomics and Epigenetics Research Program; Interim Director, Yale Cancer for Immuno-Oncology*