

The MSK Center for Tumor-Immune Systems Biology Symposium

Wednesday, May 22nd | 9:30 a.m. – 6:30 p.m.

Zuckerman Research Center Auditorium 417 E 68th Street, New York 10065

AGENDA

9:30 a.m.

Opening Remarks

9:40 a.m.

Keynote Address

11:35-11:55 a.m.

Coffee Break

1:05-3:15 p.m.

Lunch and Poster Session

Scan to register



4:50 p.m.

Closing remarks

5:00-6:30 p.m.

Reception

All sessions will take place in ZRC Auditorium

9:40 a.m.

KEYNOTE ADDRESS

Next Generation T cell receptor engineered cancer immunotherapies

Jim Heath

President and Professor, Institute for Systems Biology, Professor, UW Bioengineering, Seattle

10:30 a.m.

SESSION I

Transcript-specific enrichment enables profiling of rare cell states via scRNA-seq

Caleb Lareau

Assistant Member, Computational and Systems Biology, MSK

CD70 HLA-independent T cell receptor (HIT) overcomes tumor antigen heterogeneity in renal cell carcinoma and other solid tumors

Sophie Hanina

Senior Research Scientist, Immunology, MSK

Understanding the complexity of the m6A regulatory program

Sara Zaccara

Assistant Professor, Systems Biology, Columbia University

12:00 p.m.

SESSION II

Immunological Mechanisms of Cancer Defense

Ming Li

Member, Immunology, MSK

Functional and computational approaches to uncover selection advantages of cancer aneuploidy

Alison Taylor

Assistant Professor, Pathology and Cell Biology, Columbia University

TREX1 induction promotes immune evasion by limiting type I IFN

John Maciejowski

Associate Member, Molecular Biology, MSK

3:20 p.m.

SESSION III

Co-evolution of T cells and malignant blasts in the AML bone marrow

Susan Dewolf

Assistant Attending, Medicine, MSK

The role of the CD58-CD2 axis in cancer immune evasion

Benjamin Izar

Assistant Professor, Medical Oncology and Systems Biology, Columbia University

Glycosylation-dependent immune evasion of choriocarcinoma

Gabrielle Rizzuto

Assistant Attending, Pathology and Laboratory Medicine, MSK

Cell Type-Specific Drug Responses in the Glioma Microenvironment

Peter Sims

Associate Professor, Systems Biology, Columbia University



Memorial Sloan Kettering
Cancer Center



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