



Cancer Metabolism and Signaling in the Tumor Microenvironment

Tuesday, March 24th, 2026

*Presented by The New York Academy of Sciences and
NYU Langone Health*

**Presentation times and titles are subject to change*

8:30 AM **Check in and breakfast**

9:00 AM **Welcome Remarks**
Megan Prescott, PhD, The New York Academy of Sciences
Costas Lyssiotis, PhD, University of Michigan

SESSION I: SIGNALING

9:15 AM **Regulation of Nucleotide Metabolism in Cancer**
Issam Ben-Sahra, PhD, Northwestern University

9:45 AM **mTOR Signaling in the Metabolism of Growing Tumors**
Brendan Manning, PhD, Harvard University

10:15 AM **Immune Drivers of Cancer Cachexia**
Marcus Goncalves, MD, PhD, NYU Grossman School of Medicine

10:45 AM **Networking Break**

SESSION II: SHORT TALKS SELECTED FROM SUBMITTED ABSTRACTS

11:15 AM **Lipid Desaturation as a Metabolic Checkpoint for T cell Immunity Suppression in Liver Cancer**
Nicolae Ciobu Zubenco, Columbia University

11:30 AM **Ceramide Metabolism Drives Colorectal Cancer Metastasis through a YAP-High Damage Response Program**
Swagata Goswami, PhD, Albert Einstein College of Medicine

11:45 AM **Tumor-Adipose Crosstalk in Cancer-Associated Cachexia**
Andrea Galmozzi, PhD, University of Wisconsin, Madison

12:00 PM **Networking Lunch and Poster Session**

SESSION III: METABOLIC STRATEGIES IN CANCER CELLS

1:45 PM **Not So Sweet: Fructose as a Driver of Metastasis**
Katherine Aird, PhD, The Wistar Institute

2:15 PM **One-Carbon Metabolism Sustains Effector T Cell Function Through Cell-Surface Glycosylation**
Naama Kanarak, PhD, Boston Children's Hospital and Harvard Medical School

2:45 PM **Dissecting the Roles of Lipid Uptake in Tumors**
Javier Garcia-Bermudez, PhD, Children's Research Institute (CRI) at UT Southwestern

3:15 PM **Networking Break**

SESSION IV: BEYOND CANCER CELLS: METABOLISM IN IMMUNE CELLS AND THE HOST

3:45 PM **Metabolic Regulation of T Cell Fitness During Anti-Tumor Immune Responses**
Santosh Vardhana, PhD, Memorial Sloan Kettering Cancer Center

4:15 PM **Ferroptosis and Metastatic Microenvironment**
Jessalyn Ubellacker, MD, PhD, Harvard T.H. Chan School of Public Health

4:45 PM **Cancer and Immune Metabolism in the Tumor Microenvironment**
Joshua Rabinowitz, MD. PhD, Princeton University

5:15 PM **Closing Remarks**
Megan Prescott, PhD, New York Academy of Sciences

5:25 PM **End of Conference**