

THE TISCH CANCER INSTITUTE • SCIENTIFIC RETREAT 2022

December 14, 2022 • New York Academy of Medicine • 8:30 am – 5:00 pm

8:30 - 9:00 am **Registration & Breakfast**

SESSION 1: NEW TISCH CANCER INSTITUTE FACULTY MEMBERS – Chair: Ramon Parsons, MD PhD

9:00 - 9:20 am **Ramon Parsons, MD PhD** (Director, The Tisch Cancer Institute)

“Overview and Future”

9:20 - 9:40 am **Tracy Layne, PhD, MPH** (Cancer Prevention and Control)

“Race- & Ethnicity-Specific Estimates of Cancer Risk: Opportunities & Challenges”

9:40 - 10:00 am **Igor Bado, PhD** (Cancer Mechanisms)

“Bone Priming Effect and New Therapeutic Strategies in Breast Cancer Metastasis”

10:00 - 10:20 am **Cesar Rodriguez Valdes, MD** (Cancer Clinical Investigation)

“Organoid Models for Multiple Myeloma”

10:20 - 10:40 am **Daniel Puleston, PhD** (Cancer Immunology)

“Metabolic Instruction of Immunity”

10:40 - 11:00 am **Break**

SESSION 2: NEW TISCH CANCER INSTITUTE TECHNOLOGIES – Chair: Jerry Edward Chipuk, PhD

11:00 - 11:20 am **Robert Sebra, PhD**

“Recent Advances of Single Molecule, Single Cell and Spatial Omics Technology in Cancer”

11:20 - 11:40 am **Yizhou Dong, PhD**

“Lipid Nanoparticles for mRNA Therapeutics, Cancer Immunotherapy, and Cell Therapy”

11:40 - 12:00 pm **Pei Wang, PhD**

“Integrative Proteogenomic Study of PED/AYA Brain Tumors”

SESSION 3: TISCH CANCER INSTITUTE COMMUNITY OUTREACH & ENGAGEMENT – Chair: Melissa Mazor, PhD

12:00 - 12:20 pm **Melissa Mazor, PhD MS RN**

“Community Science Program”

12:20 - 12:40 pm **Valerie Goldsmith with John Mascarenhas, MD**

“Cancer Clinical Trials: From the Patient Perspective”

12:40 - 1:30 pm **Lunch**

SESSION 4: NEW CANCER DIAGNOSTICS – Chair: Emanuela Taioli, MD PhD

1:30 - 1:50 pm **Christian Rolfo, MD**

“Blood-based Biomarkers for Monitoring and Response Assessment in Lung Cancer”

1:50 - 2:10 pm **Sarah Miller, PsyD**

“Streamlining Cancer Screening Efforts: A One-Stop-Shop Approach”

2:10 - 2:30 pm **Munir Ghesani, MD**

“Theranostics: Review of Roots, Current Status and Future Promise”

SESSION 5: NEW CANCER TREATMENTS – Chair: Matthew Galsky, MD

2:30 - 2:50 pm **John Mascarenhas, MD**

“Innovative Approaches to Improving Outcomes of Patients with Myelofibrosis”

2:50 - 3:00 pm **Break**

3:00 - 3:20 pm **Sundar Jagannath, MBBS**

“CAR-T and Bi-specific Therapies”

3:20 - 3:40 pm **Rajwanth Veluswamy, MD MSCR**

“Targeting KRAS Mutated Lung Cancer: From TCI's Bench to Bedside”

3:40 - 4:00 pm **Thomas Marron, MD PhD**

“The NeoAdjuvant Research Group to Evaluate Therapeutics”

4:00 - 5:00 pm **Poster Session with Wine & Cheese Reception**