

15th Annual Cancer Biology Research Retreat Program

8:30 am – 8:55 am Check-In and Continental Breakfast, and poster set-up

8:55 am – 9:00 am Welcome

Toni Antalis, Ph.D., Associate Director of Cancer Research Training and Education (CRTEC) UMGCCC,
Professor of Pharmacology and Physiology
co-Director T32 Training Program in Cancer Biology

Mini Talks and Oral Session, Leadership Hall 9:00 AM-11:00 AM

- 9:00am – 9:10am **Safiullah Rifai** - Identification of Prostate Cancer Recurrence Signatures Using Unsupervised Machine Learning
- 9:15am – 9:25am **Megha Pandey** - Oncogenic Role of ADCK5 is Dependent on the p53 Status of Ovarian Cancer Cells
- 9:30am – 9:40am **Deborah Delgado** - The glutathione S-transferase Gsst1 mediates metastatic stemness and sensitivity to FGFR inhibitors in pancreatic cancer through regulation of the cancer stem cell factor PROM1
- 9:45am – 9:55am **Christina Kratzmeier** - Paradoxical Role of CD8+ T Cells and Lung Cancer Derived IFN- γ in Downregulating the Anti-Tumor Immune Response
- 10:00am – 10:10am **Amando Strong** - Membrane-anchored serine protease (MASP) regulation of protease-activated receptor-2 (PAR-2) in ovarian cancer.
- 10:15am – 10:25am **Rebecca Marker** - Hypoxic memory of type I IFN signaling suppression and implications for immune evasion in luminal breast cancer cells
- 10:30am – 10:40am **Dr. Kathleen Noller** - Transcriptional, Genomic, and Microenvironmental Heterogeneity in Pancreatic Precancer
- 10:45am – 10:55am **Dr. Alexander Xu** - Spatial Proteomic Profiling of the Tumor Microenvironment for Biomarker and Therapy Development
- 10:55am – 11:15am Break

Keynote Lecture, Leadership Hall 11:15AM-12:15PM

11:15 am – 12:15 am **Keynote Introduction, Julia Ju, PhD. Cancer Biology T32**

“Agents of Progression and Protection: How Innate Immunity Shapes Metastasis”

Mikala Egeblad, Ph.D., Bloomberg Distinguished Professor,
Johns Hopkins University

Message from UMGCCC Leadership, Leadership Hall 12:15PM – 12:45PM

12:15 am – 12:45 am Greenebaum Comprehensive Cancer Center (UMGCCC)

Taofeek Owonikoko M.D. Ph.D.

Executive Director, UMGCCC

Senior Associate Dean of Cancer Programs,
Program in Oncology, UMB

Stuart Martin, PhD.

Deputy Director, UMGCCC

Professor and Interim Chair, Department of Pharmacology and Physiology

Lunch and Poster Session, MSTF Atrium 12:45PM- 2:30PM

12:45 pm – 2:30 pm Lunch and Poster Session

Graduate Career Panel 2:30PM-3:30PM

2:30 pm – 3:30 pm Career Panel

Awards Ceremony for the Cancer Biology Retreat, MSTF Atrium 3:30-4:00PM

3:30 pm – 4:00 pm **Oral and Poster Awards Ceremony.** Monetary prizes will be given for the top oral and poster presentations, sponsored by University of Maryland BioPark.

Presented by **Jim Hughes, MBA**, Chief Enterprise and Economic Development Officer and president of the UMB Health Science Research Park Corporation