

SUMMER SCHOLARS RESEARCH PROGRAM SYMPOSIUM



EMORY
WINSHIP
CANCER
INSTITUTE
National Cancer Institute-Designated
Comprehensive Cancer Center

Location: Winship Cancer Institute Building C
Kauffman Auditorium (C5012)
Date: July 19, 2024
Time: 8:00 AM – 12:00 PM
Facilitator: Janielle Taylor, MSPH

AGENDA ITEMS

- 8:00 AM – 8:30 AM** **Hot Breakfast**
- 8:30 AM – 9:00 AM** **Poster Session**
- 9:00 AM – 9:05 AM** **Welcome & Opening Remarks**
Cynthia R. Giver, PhD
Associate Professor, Department of Hematology and Medical Oncology, Emory University School of Medicine
Co-Director, Summer Scholars Research Program, Winship Cancer Institute of Emory University
- Nikolaos Papadantonakis, MD, PhD, MSc**
Assistant Professor, Department of Hematology and Medical Oncology, Emory University School of Medicine
Co-Director, Summer Scholars Research Program, Winship Cancer Institute of Emory University
- Award: Top Lecturers**
- Suresh S. Ramalingam, MD, FACP, FASCO**
Professor, Department of Hematology and Medical Oncology, Emory University School of Medicine
Roberto C. Goizueta Distinguished Chair for Cancer Research, Emory University School of Medicine
Executive Director, Winship Cancer Institute of Emory University
Associate Vice President for Cancer, Woodruff Health Sciences Center
- 9:05 AM – 9:45 AM** **Keynote Address**
Mel Mann
“Surviving Chronic Myelogenous Leukemia”
- 9:45 AM – 10:45 AM** **Oral Presentations – Session 1**
- 1 Ari Jackson**, Marietta High School
[Sarwish Rafiq, PhD](#)
Utilizing Molecular Cloning Techniques to Engineer Anti-BCMA CAR T Cells
 - 2 Eunice Park**, Paul D. Schreiber High School
[Yong Teng, PhD](#)

- Identification of NCKAP1 as a novel PD-L1 regulator in head and neck cancer
- 3 Ryan Dong**, The Paideia School
[Wei Zhou, PhD](#)
Skin Melanoma without BRAF V600E Mutation Has Similar Properties to Lung Adenocarcinoma with LKB1 Mutation
- 4 Nishanth Basava**, McCallie School
[Tyler S. Beyett, PhD](#)
Viable Drug Candidate for Pediatric G3 MB Tumors: In Silico and In Vitro Inhibition of the Proto-oncogene Lin28B with C1632
- 5 Khadija Buke**, Douglas County High School
[Sumin Kang, PhD](#)
Knock Down of UBE2L3, UGT1A9, and PAFAH1B1 Increases Resistance to Chemo-Immunotherapy in Non-Small Cell Lung Cancer
- 6 Leah Black-Holmes**, The Westminster Schools
[Xin Hu, PhD](#)
Metabolic and Epigenetic Changes in EGFR Mutated Lung Cancer Cells Caused by Exposure to Particulate Matter (PM2.5) in Air Pollution

10:45 AM – 10:55 AM **Break**

10:55 AM – 11:55 AM **Oral Presentations – Session 2**

- 1 Leya Kilpatrick**, The Vanguard School
[Zachary S. Buchwald, MD, PhD](#)
A Combination of Radiation and Anti-PD-L1 Treatment Stimulates Stem-like T cell Populations in Tumor-draining Lymph Nodes
- 2 Kevin Ryu**, Lambert High School
[Dorothy A. Lerit, PhD](#)
Influence of CPEB Ortholog Orb2 on Achaete Protein Translation in Stage 11-13 Drosophila Embryos
- 3 Philip Fishbein**, Druid Hills High School
[Vivien Sheehan, MD, PhD](#)
Evaluating the relationship between levels of fetal hemoglobin and deformability of red blood cells in patients with sickle cell disease
- 4 Justin Adeyeye**, Buford High School
[Edmund K. Waller, MD, PhD, FACP](#)
Developing Novel Anti-VIP Monoclonal Antibodies to Increase Anti-Leukemia Activity
- 5 Sanai Edwards**, Cate School
[Vikas A. Gupta, MD, PhD](#)
CD20 expression is not necessary for sensitivity of myeloma cells to Venetoclax
- 6 Vivien Panturu**, Mill Creek High School
[Periasamy Selvaraj, PhD](#)
Comparison of HER-2 and other cell marker expression in SKBR3 and D2F2/E2

11:55 AM – 12:00 PM **Closing Remarks**

12:00 PM – 2:00 PM **Cake Celebrations**
 IT Device Pick Up
 Photos

