



# EMORY

# WINSHIP CANCER INSTITUTE

National Cancer Institute-Designated  
Comprehensive Cancer Center

## Winship Scientific Symposium *Winship 2030: The Future of Cancer Research*

November 4, 2022  
Health Sciences Research Building Auditorium

**Friday, November 4, 2022**

9:00 a.m. – 9:30 a.m.	<b>LIGHT BREAKFAST PROVIDED</b> Health Sciences Research Building Café
9:30 a.m. – 9:40 a.m.	<b>WELCOME AND CHARGE FOR THE DAY</b> <b>Suresh Ramalingam, MD, FASCO</b> Executive Director, Winship Cancer Institute of Emory University Associate Vice President, Cancer Woodruff Health Sciences Center Roberto C. Goizueta Distinguished Chair for Cancer Research Professor, Department of Hematology and Medical Oncology Emory University School of Medicine
<b>Implementing Prevention Now to Limit Future Cancer Incidence</b>	
9:40 a.m. – 9:55 a.m.	<b><i>Championing HPV Vaccination for Optimal and Equitable Outcomes</i></b> <b>Jessica Wells, RN, PhD, WHNP-BC</b> Assistant Professor, Nell Hodson Woodruff School of Nursing Emory University
9:55 a.m. – 10:10 a.m.	<b><i>The Obesity Pandemic: Translating Bench Science to Practical Applications</i></b> <b>Curtis Henry, PhD</b> Assistant Professor, Department of Pediatrics Emory University School of Medicine
<b>Engaging the Community to Shape the Future</b>	
10:10 a.m. – 10:25 a.m.	<b><i>Replicating State-of-Art Myeloma Care in the Community: Emory Experience</i></b> <b>Ajay Nooka MD, MPH, FACP</b> Professor and Myeloma Program Director, Department of Hematology and Medical Oncology Emory University School of Medicine Scientific Director, Winship Data and Technology Applications Shared Resource Winship Cancer Institute of Emory University

10:25 a.m. – 10:40 a.m.	<b><i>Precision-Based Approaches to Enhance Cure and Reduce Suffering for Prostate Cancer Men in Georgia</i></b> <b>Sagar Patel, MD</b> Assistant Professor, Department of Radiation Oncology Emory University School of Medicine
10:40 a.m. – 10:55 a.m.	<b>PANEL DISCUSSION/Q&amp;A</b>
10:55 a.m. – 11:05 a.m.	<b>BREAK</b>
<b>Keynote Presentation</b>	
11:05 a.m. – 11:55 a.m.	<b><i>In Tumors, RAS Forms a Complex with RAN-GAP that Regulates Nucleocytoplasmic Protein Shuttling</i></b>  <b>Douglas Lowy, MD</b> Deputy Director, National Cancer Institute
11:55 a.m. – 1:05 p.m.	<b>LUNCH</b>
<b>The Future of Winship Science</b>	
1:05 p.m. – 1:20 p.m.	<b><i>Using Engineering Chromatin Proteins to Probe Epigenetic Regulation in Triple Negative Breast Cancer</i></b> <b>Karmella Haynes, PhD</b> Associate Professor, Wallace H. Coulter Department of Biomedical Engineering Georgia Institute of Technology and Emory University
1:20 p.m. – 1:35 p.m.	<b><i>Brain Metastases: Therapeutic Challenges and Opportunities</i></b> <b>Lisa Sudmeier, MD, PhD</b> Assistant Professor, Department of Radiation Oncology Emory University School of Medicine
1:35 p.m. – 1:50 p.m.	<b><i>Engineering Novel Multi-Cytokine Backpacks for Manufacturing Functionally Improved CAR T Cell Products</i></b> <b>Sarwish Rafiq, PhD</b> Assistant Professor, Department of Hematology and Medical Oncology Emory University School of Medicine
<b>Innovative Laboratory Discoveries That Foster Knowledge and Change the Future of Cancer Care</b>	
1:50 p.m. – 2:05 p.m.	<b><i>Integrative Computational Platform to Inform Cancer Target Discovery</i></b> <b>Andrey Ivanov, PhD</b> Assistant Professor, Department of Pharmacology and Chemical Biology Emory University School of Medicine
2:05 p.m. – 2:20 p.m.	<b><i>Defining Methylation Events in Disease</i></b> <b>Jennifer Spangle, PhD</b> Assistant Professor, Department of Radiation Oncology Emory University School of Medicine
2:20 p.m. – 2:35 p.m.	<b><i>T cell as a Living Therapy: Next-Gen Cancer Innovations</i></b> <b>Chrystal Paulos, PhD</b> Associate Professor, Department of Surgery, Department of Microbiology and Immunology Emory University School of Medicine Director, Translational Research for Cutaneous Malignancies Winship Cancer Institute of Emory University
2:35 p.m. – 2:50 p.m.	<b>PANEL DISCUSSION/Q&amp;A</b> <b>Moderated by Kelly Goldsmith, MD</b>

2:50 p.m. – 3:00 p.m.	<b>BREAK</b>
3:00 p.m. – 3:20 p.m.	<b>SHARED RESOURCES DEBATE</b>
3:20 p.m. – 3:25 p.m.	<b>CLOSING REMARKS</b> <b>Adam Marcus, PhD</b> Deputy Director, Winship Cancer Institute of Emory University Scientific Director, Integrated Cellular Imaging Core Interim Vice President for Research, Woodruff Health Sciences Center Winship 5K Research Professor, Department of Hematology and Medical Oncology Interim Associate Dean for Novel Technology and Research Cores Emory University School of Medicine
4:00 p.m. – 5:00 p.m.	<b>POSTER SET-UP</b> Woodruff Health Sciences Center Administration Building Lobby
5:00 p.m. – 7:00 p.m.	<b>POSTER COMPETITION AND HAPPY HOUR</b> Woodruff Health Sciences Center Administration Building Lobby