

# O'NEAL COMPREHENSIVE CANCER CENTER

**UAB** THE UNIVERSITY OF ALABAMA AT BIRMINGHAM

## Annual Research Retreat

Regions Field

October 18, 2024

## Program Agenda

- 7:30 – 8:20 am Arrival, Registration, and Breakfast
- 8:20 – 8:30 am Opening Remarks  
**Barry Sleckman, MD, PhD**
- Targeted Approaches to Improve Therapeutic Outcomes***  
***Faculty emcee: Dr. Natalie Gassman***
- 8:30 – 8:42 am The Role of SON and Circular RNA in Glioblastoma  
**Caitlin Harvey**
- 8:42 – 8:54 am Chromatin-Focused CRISPR Screen Identifies Key Regulators of Menin Inhibitor Response in NPM1-mutated Acute Myeloid Leukemia  
**Brittany Curtiss, BS**
- 8:54 – 9:06 am Augmentation of Statin-induced ATF4 Stress Response Enhances the Cancer Cell-killing Effect of Statin  
**Thi Thinh Nguyen, PhD**
- 9:06 – 9:18 am Combination of Angiogenesis and HIF-2 $\alpha$  Blockade: Synergistic Pair Worth Exploring in Neuroendocrine Tumors  
**Mario Robledo**
- 9:20 – 10:20 am **Poster Session 1**

## ***Patient Oriented Approaches: Guided Interventions to Lived Experience***

***Faculty emcee: Dr. Noha Sharafeldin***

- 10:20 – 10:32 am Influence of Health Literacy and Social Determinants of Health on the New Diagnosis Educational Experience Reported by Caregivers of Children with Cancer  
**Elizabeth (Keith) Skipper, PhD(c), BSN, RN**
- 10:32 – 10:44 am Prevalence of Frailty and Geriatric-Assessment Identified Impairments Among Older Adults with Multiple Myeloma Autologous Stem Cell Transplantation  
**Supriya Maheshwari, MD**
- 10:44 – 10:56 am Association of Social Vulnerability with Survival in Epithelial Ovarian Cancer  
**Emily O'Brien, MD**

- 10:56 – 11:08 am Fluorescence Imaging with Panitumumab-IRDye800 During Transoral Robotic Surgery in Oropharyngeal Cancer Patients  
**Benjamin Kasten, PhD**
- 11:10 – 12:10 pm Lunch  
*(Please feel free to eat outside in the stadium seating!)*
- 12:10 – 1:00 pm **Keynote Address: Matthew Vander Heiden, MD, PhD**
- 1:00 – 1:10 pm Questions and Answers
- 1:10 – 2:10 pm **Poster Session 2**  
*(Cookies and sodas will be served)*

***Shaping Immune Interactions in Cancer Therapy***  
***Faculty emcee: Dr. Anna Sorace***

- 2:10 – 2:22 pm Durable Lung Cancer Control via Induction of Long-lasting Anti-Tumor Immune Responses  
**Naoki Hama, PhD**
- 2:22 – 2:34 pm Characterization of HER2-Positive Mouse Tumor Models for Investigating Immunotherapy and Brain Metastasis  
**Yun Lu, PhD**
- 2:34 – 2:46 pm Novel Collagen-Binding CTLA4 Inhibitor for Treating Recurrent Glioblastoma  
**Lewis Barr**
- 2:46 – 2:58 pm Gut Microbiota Shape Immune Patterns in Naïve and Glioma-bearing Humanized Microbiome Mice  
**Alexis Cox-Holmes**
- 3:00 – 4:00 pm Reception and Games
- 4:00 – 4:20 pm Awards Ceremony  
**Lalita Shevde-Samant, PhD and Barry Sleckman, MD, PhD**
- 4:20 – 4:30 pm Closing Remarks  
**Barry Sleckman, MD, PhD**

**Abstract Book**



**Regions WiFi Network: Barons-v Password: G0Barons!**