

UPMC Hillman Cancer Center 33rd Annual Scientific Retreat Agenda
October 12, 2021
Soldiers & Sailors Memorial Hall & Museum

MORNING

****All events take place in the First Floor Auditorium unless otherwise noted****

- 7:00 am** **Check-in** / Main Entrance Lobby
- 7:00 am - 8:00 am** **Continental Breakfast** / Ballroom and Foyer – Third Floor
Poster Set-up / First Floor Hallway
All posters must be set up by 9:15 am
All posters must be removed by 8:00 pm
- 8:00 am - 8:30 am** **Welcome and Director's Overview**
Robert L. Ferris, MD, PhD
Director, UPMC Hillman Cancer Center / Hillman Professor of Oncology / Associate Vice Chancellor for Cancer Research Co-Director, Tumor Microenvironment Center / Professor of Otolaryngology, Immunology and Radiation Oncology
- 8:30 am - 9:00 am** **Research Program / Abstract Talks**
- 8:30 am - 8:40 am *Pleiotropically inhibiting DSB end resection to sensitize HGSOC to PARPi*
Dennis Braden, PhD Student
Genome Stability Program
- 8:40 am - 8:50 am *CD10-low endometriosis derived stroma promotes ovarian clear cell carcinoma progression*
Huda Atiya, PhD, Postdoctoral Associate
Cancer Biology Program
- 8:50 am - 9:00 am *CASTOR1 is a tumor suppressor in a Kras-driven mouse model of non-small cell lung cancer and a new potential biomarker of cancer*
Xian Wang, PhD, Postdoctoral Associate
Cancer Virology Program
- 9:00 am - 9:30 am** **Cancer Care in the Academic Medical Center of the Future**
Anantha Shekhar, MD, PhD
Senior Vice Chancellor for the Health Sciences and John and Gertrude Petersen Dean of the School of Medicine University of Pittsburgh
- 9:30 am - 10:30 am** **Break / Poster Session I and Poster Judging**
First Floor Hallway
Note: All **Session I** poster presenters should be at their posters during this session
All posters must be removed by 8:00 pm
- 10:30 am - 12:10 pm** **Session I: SPORE Team Science**
- 10:30 am - 10:50 am *Melanoma Team Science: From Theory to Practice*
Hassane M. Zarour, MD, Professor of Medicine (Division of Hematology/Oncology), of Immunology and of Dermatology
- 10:50 am - 11:10 am *Mechanistic breast cancer research informed by NSABP clinical trials: The story of p95HER2 as a newly discovered driver of tumor immune evasion*
Peter Lucas, MD, PhD, Professor and Vice Chair of Pathology and Professor of Pediatrics
- 11:10 am - 11:30 am *Using translational science to move the needle in head and neck cancer*
Heath Skinner, MD, PhD, Associate Professor of Radiation Oncology
- 11:30 am - 11:50 am *Uncovering mechanisms of metastasis via lymph nodes*
Yvonne Chao, MD, PhD, Assistant Professor of Medicine (Division of Hematology/Oncology)
- 11:50 am - 12:10 pm *Team Science to Clinical Trial: Inhibiting stromal Hedgehog to improve response to Immune checkpoint inhibitor therapy*
Sandra Cascio, PhD, Research Assistant Professor of Obstetrics, Gynecology and Reproductive Sciences
Sarah Taylor, MD, Assistant Professor of Obstetrics, Gynecology and Reproductive Sciences

Continued on other side

AFTERNOON

- 12:10 pm - 1:15 pm** **Lunch** / Ballroom – Third Floor
- Roundtable Discussions** / Ballroom – Third Floor
What else can you be with a PhD?
Devin Dressman, PhD; Moira Hitchens, PhD
- In's and out's of writing fellowships (K99/R00, K08s and more)*
Kelly Bailey, MD, PhD; Ryan Barnes, PhD; Ravi Patel, MD, PhD
- Creating a diverse and inclusive work space*
Tullia Bruno, PhD; Tim Burns, MD, PhD
- 1:15 pm - 2:00 pm** **Ronald B. Herberman, MD Lectureship**
Novel strategies for understanding and targeting advanced prostate cancer
Karen E. Knudsen, MBA, PhD
Chief Executive Officer, American Cancer Society
- 2:00 pm - 2:40 pm** **Research Program / Abstract Talks**
- 2:00 pm - 2:10 pm *Intra-tumoral Lactobacillus reuteri enhances antitumor immunity and facilitates cancer immunotherapy in melanoma via its released aryl hydrocarbon receptor agonist indole-3-carbinol*
Alex McPherson, PhD Student
Cancer Immunology and Immunotherapy Program
- 2:10 pm - 2:20 pm *Repurpose of anticancer PARP1 inhibitor as neuroprotective agent: The importance of a mitochondrial-delivery system*
Matteo Borgini, PhD, Postdoctoral Associate
Cancer Therapeutics Program
- 2:20 pm - 2:30 pm *High levels of blood lymphocytes in relation to low risk of hepatocellular carcinoma in patients with non-alcoholic liver disease: Findings from a comprehensive analysis of electronic health records from the UPMC Healthcare System*
Claire Thomas, PhD Student
Cancer Epidemiology and Prevention Program
- 2:30 pm - 2:40 pm *Symptom trajectory characteristics and predictors for post-menopausal women prescribed Anastrozole for early-stage breast cancer*
Maura McCall, PhD Student
Biobehavioral Cancer Control Program
- 2:40 pm - 3:40 pm** **Session II: New Opportunities to Ask Big Questions with Big Data in Biobehavioral and Population Sciences**
- 2:40 pm - 2:55 pm *Big data from population-based survey questionnaires: Big opportunities for cancer research*
Todd Bear, PhD, Assistant Professor of Behavioral and Community Health Sciences
- 2:55 pm - 3:10 pm *Big data from trending tweets: Big opportunities for cancer research*
Kar-Hai Chu, Associate Professor of Behavioral and Community Health Sciences
- 3:10 pm - 3:25 pm *Mobile sensing: Opportunities for cancer research and care*
Carissa Low, PhD, Associate Professor of Medicine (Division of Hematology/Oncology)
- 3:25 pm - 3:40 pm *Using population-based data to understand the role of patient, provider, and policy factors in cancer care delivery*
Lindsay Sabik, PhD, Associate Professor and Vice Chair for Research, Health Policy and Management
- 3:40 pm - 4:25 pm** **Maryann Donovan, PhD, MPH Lectureship** / Auditorium
Driving Efficiency, Access, and Equity in Cancer Drug Development
Lola A. Fashoyin-Aje, MD, MPH
Deputy Director, Division of Oncology 3 | Gastrointestinal, Cutaneous, Sarcoma
Associate Director, Science and Policy to Address Health Disparities
Oncology Center of Excellence, Food and Drug Administration

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AFTERNOON

4:25 pm - 5:10 pm Future Directions in Translational Science

4:25 pm - 4:40 pm *Targeting MET for the Treatment of NSCLC Brain Metastases*
Timothy F. Burns, MD, PhD, Associate Professor of Medicine
(Division of Hematology/Oncology)

4:40 pm - 4:55 pm *Integrative Genomics of the T Cell-Inflamed Tumor Micro-Environment Suggests Novel Immuno-oncology Combinations*
Jason J. Luke, MD, FACP, Associate Professor of Medicine
(Division of Hematology/Oncology)

4:55 pm - 5:10 pm *Oncologic Radiomics and Radiogenomics*
Rivka Colen, Associate Professor of Radiology;
Co-Director, *In Vivo* Imaging Facility

5:10 pm - 8:00 pm Beer/Wine and Hors d'oeuvres / Hall of Valor and Gettysburg Rooms – First Floor

5:10 pm - 6:10 pm **Poster Session II and Poster Judging** / First Floor Hallway
Note: All **Session II** poster presenters should be at their posters during this session
All posters must be removed by 8:00 pm

6:10 pm - 6:30 pm **Junior Scholar Awards Presentation**

6:30 pm - 6:50 pm **Poster Awards Presentation**