



Annual Retreat

Genetics & Epigenetics Program

La Torretta Lake Resort • September 22-23, 2018

All scientific events & meals take place in the La Torretta Conference Center

Saturday, September 22

- 7:30 am** Smithville Bus leaves from in front of the Conference Center
- 8:00 am** Houston Bus leaves from in front of the Mitchell Basic Sciences Research Building (BSRB)
- 9:00 – 10:30 am** **MEETING REGISTRATION** [Venice Ballroom] & **POSTER SET-UP** [Americas 3]
Note: Hotel Check-in is 5:00 – 6:00 pm
- 10:30 – 12:00 pm** **PLATFORM SESSION #1** [Venice]
- **Opening Remarks**
 - **Sydney Moyer** (Dr. Gigi Lozano's Lab): "Mapping the tissue-specific transcriptional profile of wild-type p53"
 - **Amanda Minogue** (Dr. Swathi Arur's Lab): "Global profiling identifies germline miRNAs functioning during oogenesis in *C. elegans*"
 - **Daric Wible** (Dr. Shawn Bratton's Lab): "Dysregulation of ATG5 and autophagy in prostate cancer"
 - **Sanjana Srinivasan** (Dr. Giulio Draetta's Lab): "Characterizing and leveraging functional vulnerability networks in pancreatic cancer"
 - **G&E FACULTY SPLINTS – Speed Lab Introductions** [Venice Ballroom]
Drs. Krishna Bhat, Junjie Chen, Xiaodong Cheng, Francesca Cole, Walid Fakhouri, Michelle Hildebrandt, Jian Gu, Georgios Karras, Kevin McBride, Nidhi Sahni, Zhongming Zhao
- 12:00 – 1:30 pm** **LUNCH** [Americas 1&2]
- 1:30 – 2:30 pm** **PLATFORM SESSION #2** [Venice]
- **Swarnalatha Manickavinayaham PhD** (Dr. David Johnson's Lab): "E2F1 acetylation directs histone acetylation to directly regulate DNA repair"
 - **Jianji Chen** (Dr. Mark Bedford's Lab): "PLAA is a potential reader for histone H2B ubiquitination"
 - **Ryan Baumert** (Dr. Pierre McCrea's Lab): "Revealing a novel switch-like function of delta catenin in dendrite development"
 - **Alexandria Blackburn** (Dr. Rachel Miller's Lab): "A novel role for Dyrk1a in kidney development"
- 2:30 – 2:45 pm** **Break**
- 2:45 – 3:45 pm** **Option #1: CAREER PANEL** [Venice]
- **Scott Armstrong MD/PhD**, Professor and Chair, Dana-Farber Cancer Institute and Harvard Medical School (retreat keynote speaker)
 - **Warren Denning PhD**, Medical Science Liaison, Juno Therapeutics, Inc.
 - **Sharon Dent PhD**, Professor and Chair, MD Anderson
 - **Amber Johnson PhD**, Precision Oncology Scientist, MD Anderson
- Moderator: Roxsan Manshoury**, Graduate student
- Option #2: FACULTY MENTORING WORKSHOP** [Americas 1]
- **Victoria McDonnell PhD**, Project Director, Academic Affairs, MD Anderson
"Maximizing the Trainee Experience: Development Beyond the Lab"

September 22, continued

- 4:00 – 5:00 pm** **KEYNOTE ADDRESS** [Venice]
“Targeting Epigenetic Mechanisms in Cancer”
Scott A. Armstrong MD, PhD, Chair, Department of Pediatric Oncology, Dana-Farber Cancer Institute and David G. Nathan Professor of Pediatrics, Harvard Medical School
- 5:00 – 6:00 pm** **GROUP PHOTO and HOTEL CHECK-IN**
- 6:00 – 7:30 pm** **DINNER** [Americas 1&2]
- 7:30 – 8:30 pm** **POSTER SESSION #1 – Odd Numbers** [Americas 3]
- 8:30 – 9:30 pm** **ENTERTAINMENT PROGRAM** [Venice]
- 9:30 – 11:00 pm** **BOARD GAMES & EVENING SOCIAL** [Americas 1&2]

Sunday, September 23

- 7:00 – 8:45 am** **BREAKFAST** [Restaurant 157]
Room check-out or wait until 11:00 am. *Everyone must check-out by 12:00 Noon.*
- 9:00 – 10:00 am** **PLATFORM SESSION #3** [Venice]
- **Shuo-Ting Yen PhD** (Dr. George Eisenhoffer’s Lab): *“CreLite: Shedding light on control of gene expression in living tissues”*
 - **Naeh Klages-Mundt** (Dr. Lei Li’s Lab): *“Involvement of Fanconi anemia and nucleotide excision repair pathways in processing of DNA-protein crosslinks”*
 - **Odemaris Narvaez del Pilar** (Dr. Jichao Chen’s Lab): *“Alveolar type 1 cells-derived Wnt ligands are required for Pdgfra cells during alveologenesis”*
 - **Yilei Zhang PhD** (Dr. Boyi Gan’s Lab): *“BAP1 links metabolic regulation of ferroptosis to tumor suppression”*
- 10:00 – 11:00 am** **POSTER SESSION #2 – Even Numbers** [Americas 3]
- 11:00 – 12:00 pm** **GROUP RECREATION ACTIVITIES** [See descriptions in meeting folder]
- 12:00 – 1:30 pm** **LUNCH** [Americas 1&2]
- 1:30 – 2:30 pm** **BREAKOUT SESSION** [choose 1 of 3 workshops; locations are noted below]
1. **Emerging Technologies** [Ibiza]
Nidhi Sahni PhD, Assistant Professor, MD Anderson
Jan Parker-Thornburg, Professor, MD Anderson
 2. **Obtaining Grants** [Cannes]
Michael Galko PhD, Professor, MD Anderson
Danielle Little, Graduate student and recipient of NIH F31 Fellowship
 3. **How to Succeed in Graduate School** [Vigo]
David Johnson PhD, Professor, MD Anderson
Odemaris Narvaez del Pilar, Graduate student
- 2:45 pm** **AWARDS PRESENTATION & CLOSING REMARKS** [Venice]
- 3:00 pm** **MEETING ENDS**
- 3:30 pm** Houston and Smithville Buses Depart
- 5:00 pm** Bus Arrives Houston
- 5:30 pm** Bus Arrives Smithville