



2019 Cancer Cell Biology Retreat

Emory Health Sciences Research Building (1st Floor, Rollins Auditorium)
1760 Haygood Dr. NE, Atlanta, GA 30322

Friday, April 26, 2019

Agenda

8:00 a.m. - 8:45 a.m.	Breakfast- HSRB Café
8:30 a.m. - 8:40 a.m.	<i>Opening Remarks and goals of CCB retreat (10 min)- HSRB Café</i> Erwin G. Van Meir, PhD - Leader, Cancer Cell Biology
8:45 a.m. – 9:00 a.m. HSRB Auditorium	<i>Winship perspective: recent achievements and next steps (10min/talk + 5min Q&A at the end)</i> Kim Kerstann, PhD - Senior Director for Research Administration, Winship Cancer Institute
9:00 a.m. – 9:30 a.m.	<i>Winship Research Program Presentations (7min/talk + 9min Q&A at the end)</i> <i>Introduction by Jing Chen, PhD- Co-Leader, Cancer Cell Biology Research Program</i> Xingming Deng, MD, PhD - Director of Discovery Theme, Discovery and Development Therapeutics Research Program Timothy Lash, DSc, MPH - Leader, Cancer Prevention and Control Research Program Lawrence Boise, PhD - Interim Leader, Cancer Genetics and Epigenetics Research Program
9:35 a.m. – 10:10 a.m.	<i>Winship Shared Resource Overview and Presentations (5min/talk + 10min Q&A at the end)</i> <i>Session Chair: Adam Marcus, PhD- Associate Director for Basic Research and Shared Resources</i> Adam Marcus, PhD - Associate Director for Basic Research and Shared Resources/ Director, Integrated Cellular Imaging Shared Resource Maggie Johns, PhD - Interim Technical Director, Cancer Tissue & Pathology Shared Resource Pritha Bagchi, PhD - Associate Scientist, Emory Integrated Proteomics Core B.R. Achyut, PhD - Associate Scientist, Cancer Animal Model Shared Resource
10:15 a.m. – 10:30 a.m.	<i>Break and Poster Viewing- HSRB Atrium</i>
10:30 a.m. – 11:30 a.m.	<i>Brainstorming with BME; (10min/talk + 15min Q&A at the end)</i> <i>Session chair Shuichi Takayama, PhD, Professor, Biomedical Engineering</i> <ul style="list-style-type: none"> • “Microfluidic Systems as Next Generation Chemosensitivity Assays” Wilbur Lam, MD, PhD- Associate Professor, Pediatrics and Biomedical Engineering • “Tumor Lymphatic Drug Delivery and Bioengineering” Susan N. Thomas, PhD- Assistant Professor, Biomedical Engineering • “Microscale Cancer Models” Shuichi Takayama, PhD- Professor, Biomedical Engineering • “Computational Methods for Single-Cell Analysis” Peng Qiu, PhD- Associate Professor, Biomedical Engineering

11:30 a.m. – 12:00 p.m.	<p><i>Winship Shared Resource Presentations (5min/talk + 10min Q&A at the end)</i> <i>Session Chair: Madhusmita Behera, PhD- Director, Winship Research Informatics</i></p> <p>Sean Halpin, MA- Associate Director of Research Projects, Intervention Development, Dissemination and Implementation Developing Shared Resource Madhusmita Behera, PhD- Director, Winship Research Informatics Lyra Griffiths, PhD- Core Director, Emory Integrated Genomics Core David R. Archer, PhD- Director, Winship Flow Cytometry Core</p>
12:00 p.m.- 1:10 p.m.	<p>Lunch and Poster viewing- HSRB Café and Atrium <i>Presenters stand by their posters and are available to explain their work to Judges</i></p>
1:15 p.m.- 2:10 p.m.	<p><i>Featured Onco-Engineering theme Presentations (10min/talk + 10min Q&A at the end)</i> <i>Chair of Session: Cheng Zhu PhD, MS- Regents' Professor of Biomedical Engineering</i></p> <ul style="list-style-type: none"> • “Mechanoimmunology and cancer” Cheng Zhu, PhD, MS- Regents' Professor of Biomedical Engineering • “Tumor Targeted and Stroma Modulating Nanoparticle-Drugs for Cancer Therapy” Lily Yang, MD, PhD-Professor, Surgery, and Radiology and Imaging Sciences • “Spectroscopic MRI In GBM Patient Management” Hyunsuk Shim, PhD- Professor and Crocker Family Chair in Cancer Innovation, Department of Radiation Oncology • “Toward Systems Biophotonics: Imaging Biology across High Spatio-Temporal Dimensions and Scales” Shu Jia, PhD- Assistant Professor, Biomedical Engineering
2:15 p.m.- 2:45 p.m.	<p><i>Lost in translation? How to advance your discoveries to the Clinic (10min/talk + 10min Q&A at the end). Introduction by Erwin G. Van Meir, PhD- Leader, Cancer Cell Biology</i></p> <ul style="list-style-type: none"> • “Advancing Your Innovation to The Clinic - Working with The Office of Technology Transfer” Justin Burns, PhD- Assistant Director of Licensing, Office of Technology Transfer • “MERTK: From Target Identification to Phase 1 Clinical Trial” Doug Graham, MD, PhD- Director and Daniel P. Amos Children's Chair/ Professor, Department of Pediatrics
2:45 p.m.- 3:00 p.m.	Break and Poster Viewing- HSRB Café and Atrium
3:00 p.m.- 4:00 p.m.	<p><i>Keynote lecture: Onco-Immunology (45min talk + 15min Q&A)</i> <i>Introduction by Erwin G. Van Meir, PhD- Leader, Cancer Cell Biology</i></p> <p>“T Cell Differentiation during Chronic Infection and Cancer: Implications for Immunotherapy” Rafi Ahmed, PhD- Professor, Department of Microbiology and Immunology</p>
4:00 p.m.- 4:10 p.m.	<i>Announcement of <u>Poster Award Winners</u> by Jing Chen, PhD</i>
4:10 p.m.- 5:10 p.m.	<p><i>Brainstorming Session with CCB advisors (John L Cleveland, PhD and Rafi Ahmed, PhD) and faculty on CCB Program Scientific Development</i></p> <p>HSRB Atrium</p>
4:00 p.m. – 6:00 p.m.	<i>Social and Poster Viewing- HSRB Atrium</i>