

Florida Translational Cell Biology Symposium



Friday, September 21st, 2018

University of Florida

Health Professions, Nursing, and Pharmacy Complex

1225 Center Drive, Gainesville, FL

Time and Location	Session/Event and Description
8:30 am – 9:00 am HPNP Reception Hall	Registration and Poster/Powerpoint Setup
9:00 am – 9:10 am HPNP Auditorium	Opening Remarks from the Organizing Committee
9:10 am – 10:25 am HPNP Auditorium	<p>Lecture Session #1 <i>Session Chairs: Caitlyn Blake-Hedges (FSU) and John Calise (UF)</i></p>
9:10 am – 9:25 am	<p><u>Reconstruction of brain lesions after stroke using adipose stem cells and biohybrid scaffolds</u> <i>Leyre Sánchez Sánchez de Rojas</i> <i>Graduate Student, Department of Neurosurgery, Mayo Clinic</i></p>
9:25 am – 9:40 am	<p><u>STAT3 is an essential regulator of the photoreceptor stress response</u> <i>Casey J. Keuthan</i> <i>Graduate Student, Department of Ophthalmology, University of Florida</i></p>
9:40 am – 9:55 am	<p><u>Melatonin reduces glioblastoma malignancy by targeting tumor cell metabolism</u> <i>Beatriz I. Fernandez-Gil</i> <i>Graduate Student, Department of Neurosurgery, Mayo Clinic</i></p>
9:55 am – 10:25 am	<p><u>A novel perinuclear non-centrosomal MTOC in <i>Drosophila</i> fat body cells controls nuclear positioning and collagen secretion through patronin and the LINC complex</u> <i>Tim Megraw, PhD</i> <i>Associate Professor, Department of Biomedical Sciences, Florida State University</i></p>
10:25 am – 10:40 am HPNP Reception Hall	Coffee Break
10:40am – 11:40 am HPNP Auditorium	<p>Lecture Session #2 <i>Session Chairs: Swaran Nandini (UCF) and Kristen Skruber (UF)</i></p>
10:40 am – 10:55 am	<p><u>A single dose of low energy X-ray radiation is sufficient to block the proliferation of keloid fibroblasts</u> <i>Yuna Son</i> <i>Graduate Student, Department of Biomedical Sciences, Florida State University</i></p>
10:55 am – 11:10 am	<p><u>Multivalent bi-specific nanobioconjugate engager for targeted cancer immunotherapy</u> <i>Christina A. von Roemeling</i> <i>Graduate Student, Department of Neurosurgery, Mayo Clinic</i></p>
11:10 am – 11:40 am	<p><u>The ubiquitin ligase Hectd3 in the hub of tumorigenesis and immune suppression in colon cancer</u> <i>Dorina Avram, PhD</i> <i>Professor and Associate Chair, Department of Anatomy and Cell Biology, University of Florida</i></p>
11:40 am – 1:30 pm HPNP Reception Hall	Lunch (concurrent with career development workshop and discussion group)

<p>11:50 am – 12:35 pm HPNP Room G-301</p>	<p>Career Development Workshop Topic: The Academic Elevator Pitch – Breaking the Structured Presentation Format</p> <p><i>Matthew Mitterko, MA</i> <i>Associate Director of Graduate International Outreach, University of Florida</i></p> <p><i>Eric Vitriol, PhD</i> <i>Assistant Professor, Department of Anatomy and Cell Biology, University of Florida</i></p>
<p>12:40 pm – 1:25 pm HPNP Room G-312</p>	<p>Career Development Discussion Group Topic: Opportunities for Women in Biomedical Science</p> <p><i>Olga Guryanova, MD, PhD</i> <i>Assistant Professor, Department of Pharmacology & Therapeutics, University of Florida</i></p> <p><i>Mollie Jewett, PhD</i> <i>Associate Professor, Immunity and Pathogens Division Leader, Burnett School of Biomedical Sciences, University of Central Florida</i></p>
<p>1:30 pm – 2:30 pm HPNP Auditorium</p>	<p><u>KEYNOTE LECTURE</u> “All the right moves: achieving directional cell migration by regulating the cytoskeleton”</p> <p><i>James E. Bear, PhD</i> <i>Professor of Cell Biology and Physiology</i> <i>Professor of Pharmacology</i> <i>Member, UNC Lineberger Comprehensive Cancer Center</i> <i>University of North Carolina at Chapel Hill School of Medicine</i> <i>Chapel Hill, NC</i></p>
<p>2:30 pm – 2:40 pm HPNP Reception Hall</p>	<p>Coffee Break</p>
<p>2:40 pm – 3:25 pm HPNP Auditorium</p> <p>2:40 pm – 2:55 pm</p> <p>2:55 pm – 3:25 pm</p>	<p>Lecture Session #3 <i>Session Chairs: Breanna Burkes (UF) and Chris Mehner (Mayo Clinic)</i></p> <p><u>Pharmacologic targeting of DNA replication as a therapeutic approach for DNMT3A mutant acute myeloid leukemia</u> <i>Kartika Venugopal</i> <i>Graduate Student, Department of Pharmacology & Therapeutics, University of Florida</i></p> <p><u>Neurogenesis and brain tumors: reciprocal signals between glioblastoma and the subventricular zone</u> <i>Hugo Guerrero-Cazares, MD, PhD</i> <i>Assistant Professor and Vice Chair of Research, Department of Neurosurgery, Mayo Clinic</i></p>
<p>3:30 pm – 5:30 pm</p> <p>Posters (until 5:30): HPNP Ground Floor Hall</p> <p>Refreshments (until 5:00): HPNP Reception Hall</p>	<p>Poster Session with Refreshments</p> <p><u>UF faculty judges for the student/postdoc poster competition:</u></p> <p><i>Jose F. Abisambra, PhD; John P. Aris, PhD; Mary Ellen Davey, PhD; William A. Dunn, Jr., PhD; Frank C. Gibson III, PhD; Alexander M. Ishov, PhD; Brian K. Law, PhD; Daiqing Liao, PhD; Satya Narayan, PhD; Hamsa Thayeale Purayil, PhD; Yi Qiu, PhD; Shinichi Someya, PhD; Zsolt Toth, PhD; David Tran, MD, PhD</i></p>
<p>5:30 pm HPNP Ground Floor Hall</p>	<p>Awards and Closing Remarks</p>