2019 MCIP Graduate Group Research Colloquium & Poster Session
Friday, September 20, 2019
GBSF 1005 & Lobby

9:00 am
Welcome – Dr. Julie Bossuyt (MCIP Graduate Group Chair) & Dr. Karen Ryan and Vladimir Yarov-Yarovoy (Seminar Committee Chairs)
Internal fellowships opportunities – Dr. Aldrin Gomez

9:10 – 10:00 am
MCIP student talks (10 min each)
Session Chair: Dr. Vladimir Yarov-Yarovoy

1. Presentation by Maryam Moshref (Dr. Amir Kol lab)
Recipient of the 2018-19 Irving J. Hertzendorf Memorial Award in Physiology
Department: Department of Pathology, Microbiology and Immunology (School of Veterinary Medicine)
Title:

2. Presentation by Maryam Moshref (Dr. Amir Kol lab)
Department: Department of Pathology, Microbiology and Immunology (School of Veterinary Medicine)
Title:

3. Presentation by Paige Mundy (Dr. Richard Connon lab)
Department: Department of Anatomy, Physiology and Cell Biology (School of Veterinary Medicine)
Title: Development and application of a behavioral test for toxicity assessments in a critically endangered teleost species

4. Presentation by Aki Chaffin (Dr. Karen Ryan lab)
Department: Department of Neurobiology, Physiology and Behavior (College of Biological Sciences)
Title: A novel mechanism for FGF21 to decrease hepatic triglycerides

10:00 – 10:20 am
Break

10:20 – 10:50 am
MCIP student talks (10 min each)
Session Chair: Maryam Moshref (Dr. Amir Kol lab)

1. Presentation by April Booth (Dr. Rebecca M. Calisi Rodríguez lab)
Department: Department of Neurobiology, Physiology and Behavior (College of Biological Sciences)
Title: The effects of single parenthood on behavior and hypothalamic gene expression in the biparental species, Columba livia.

2. Presentation by Arik Davidyan (Drs. Sue Bodine and Keith Baar labs)
Department: Department of Neurobiology, Physiology and Behavior (College of Biological Sciences)
Title: Conducting research while thinking as an educator. Lessons from the classroom.

3. Presentation by Carly Hennessey (Dr. Melanie Gareau lab)
10:50 – 11:00 pm  Break

11:00 – noon  Keynote Speakers: Milagros Copara, Ph.D., Rachel L. Reeves, Ph.D., Jen Greenier, Ph.D. UC Davis FUTURE Program  
Title: The Changing Landscape of the PhD Workforce: Mapping 21st Century Career Exploration

noon – 1:00 pm  Lunch

1:00 – 2:00 pm  Poster presentations

2:00 – 3:00 pm  MCIP student and faculty talks (10 min each)  
Session Chair: Collin Scott Tadashi Matsumoto (Dr. Luis Fernando Santana lab)

1. Presentation by Lu Ren (Dr. Nipavan Chiamvimonvat lab)  
Department: Department of Internal Medicine (School of Medicine)  
Title: Mechanisms of regulation of cardiac pacemaking activities

2. Presentation by Chidera Alim (Dr. Julie Bossuyt lab)  
Department: Department of Pharmacology (School of Medicine)  
Title: Spatiotemporal regulation of Cardiac CaMKII

3. Presentation by Danica Ito (Dr. Rosie Dixon lab)  
Department: Department of Physiology and Membrane Biology (School of Medicine)  
Title: β-adrenergic stimulation promotes dynamic augmentation of CaV1.2 channel clustering and cooperativity in ventricular myocytes

4. Presentation by Kristina Bischak (Dr. Nipavan Chiamvimonvat lab)  
Department: Department of Internal Medicine (School of Medicine)  
Title:

5. Presentation by Collin Matsumoto (Dr. Luis Fernando Santana lab)  
Department: Department of Physiology and Membrane Biology (School of Medicine)  
Title:

6. Presentation by Dr. Kazuharu Furutani  
Department: Department of Physiology and Membrane Biology (School of Medicine)  
Title: Facilitation of hERG channels by blockers: a mechanism predicted to reduce the arrhythmogenic risk

3:00 – 3:10 pm  Break

3:10 – 4:10 pm  Keynote Speaker - Dr. David G. Drubin  
Professor of Cell and Developmental Biology  
Co-Chair, Department of Molecular and Cell Biology  
University of California, Berkeley
Title: From budding yeast to human stem cells: the cell biology of membrane trafficking and the cytoskeleton

4:10 – 4:15 pm  Closing remarks & announcements of Awards

For more information please contact: Nicole Rabaud nerabaud@ucdavis.edu  (530) 752-9092