



2019 ANNUAL

FACULTY RESEARCH RETREAT

May 10, 2019 • 8 a.m. - 5 p.m.

Hilton Orange County
Costa Mesa, CA

Organizing Committee Chairs

Craig E.L. Stark, PhD

Professor, Neurobiology and Behavior

Bert L. Semler, PhD

Distinguished Professor, Microbiology & Molecular Genetics

Faculty Organizing Committee Members

Tallie Z. Baram, MD, PhD

Distinguished Professor, Pediatrics, Anatomy & Neurobiology, Neurology, Physiology & Biophysics; Danette Shepard Professor of Neurological Sciences

Matthew Bracken, PhD

Associate Professor, Ecology & Evolutionary Biology

Xing Dai, PhD

Professor, Biological Chemistry

Peter J. Donovan, PhD

Professor, Biological Chemistry; Developmental and Cell Biology

Christine M. Gall, PhD

Professor and Chair, Anatomy & Neurobiology; Neurobiology and Behavior

Klemens J. Hertel, PhD

Professor and Vice Chair, Microbiology & Molecular Genetics; Associate Dean for Graduate and Postdoctoral Studies, School of Medicine

Melissa B. Lodoen, PhD

Associate Professor, Molecular Biology & Biochemistry

2019 Annual Faculty Research Retreat Schedule:

8:00 - 9:00 **Breakfast & Check-In**

9:00 - 9:10 **Introduction**

Craig E.L. Stark, PhD

Professor, Neurobiology and Behavior

Bert L. Semler, PhD

Distinguished Professor, Microbiology & Molecular Genetics

9:10 - 9:30 **Leadership Welcome**

Michael J. Stamos, MD

Dean, School of Medicine

Frank M. LaFerla, PhD

Dean, School of Biological Sciences

9:30 - 10:05 **New Hires Data Blitz (Part 1)**

Roberto Tinoco, PhD

Assistant Professor, Molecular Biology & Biochemistry

Joleah B. Lamb, PhD

Assistant Professor, Ecology & Evolutionary Biology

Rémi Buisson, PhD

Assistant Professor, Biological Chemistry

Lulu Y. Chen, PhD

Assistant Professor, Anatomy & Neurobiology

10:05 - 10:20 **Conte Center @ UCI**

Tallie Z. Baram, MD, PhD

Distinguished Professor, Pediatrics; Anatomy & Neurobiology; Neurology; Physiology & Biophysics; Danette Shepard Professor of Neurological Sciences

10:20 - 10:40 **Coffee Break**

10:40 - 11:10 **Science Talk – To P-value or Not To P-value:
What is a Scientist To Do?**

Hal S. Stern, PhD
Professor, Statistics

11:10 - 11:15 **Gold Sponsor Highlight: Danaher Diagnostics**

11:15 - 11:55 **The Powers That Be**

Peter J. Donovan, PhD
Professor, Biological Chemistry;
Developmental and Cell Biology

12:00 - 12:45 **Lunch**

12:45 - 1:15 **Implicit Bias in the Lab**

Terrance R. Mayes, EdD
Associate Vice Chancellor for Diversity and
Inclusion, College of Health Sciences

1:15 - 1:30 **UCI Center for Virus Research**

Bert L. Semler, PhD
Distinguished Professor, Microbiology &
Molecular Genetics

1:30 – 2:05 **New Hires Data Blitz (Part 2)**

Philip D. Kiser, PhD
Assistant Professor, Physiology & Biophysics

Kevin T. Beier, PhD
Assistant Professor, Physiology & Biophysics

Vivek Swarup, PhD
Assistant Professor, Neurobiology & Behavior

Dae Soek Eom, PhD
Assistant Professor, Developmental & Cell
Biology

2:05 – 2:35 **Graduate Programs**

Klemens J. Hertel, PhD
Associate Dean for Graduate and Postdoctoral
Studies, School of Medicine

R. Michael Mulligan, PhD
Associate Dean for Graduate Studies, School
of Biological Sciences

2:35 – 3:05 **Speed Dating Activity**

3:05 – 3:25 **Coffee Break**

3:25 – 4:00 **Pilot Award Recipients**

*Neural Stem Cell Promotion of Blood Vessels in
3D Environments*

Christopher C.W. Hughes, PhD
Professor, Molecular Biology and Biochemistry

Lisa A. Flanagan, PhD
Associate Professor, Neurology

*A New Cellular Target for CNS Alzheimer
Disease Studies*

Mathew M. Blurton-Jones, PhD
Associate Professor, Neurobiology and
Behavior

Edwin S. Monuki, MD, PhD
Professor and Chair, Pathology and Lab
Medicine

Kai Kessenbrock, PhD
Assistant Professor, Biological Chemistry

Qing Nie, PhD
Chancellor's Professor, Mathematics and
Developmental and Cell Biology

Novel Links Between Wnt Signaling, Centrosomes, and Cancer

Lee Bardwell, PhD

Professor, Developmental and Cell Biology

Marian L. Waterman, PhD

Professor, Microbiology and Molecular Genetics

The Primary Cilium as a Host Defense Mechanism against Chlamydia

Christine Suetterlin, PhD

Associate Professor, Developmental and Cell Biology

Ming Tan, MD

Professor, Microbiology and Molecular Genetics

Urban Greening Effects on Air Quality: Characterizing the Impact of Biogenic Volatile Organic Compounds on Atmospheric Nanoparticle Toxicity

Celia Louise Braun Faiola, PhD

Assistant Professor, Ecology and Evolutionary Biology

Michael T. Kleinman, PhD

Adjunct Professor, Occupational and Environmental Medicine

4:00 – 4:30 **G Protein–Coupled Receptor Signaling in Phototransduction**

Krzysztof Palczewski, PhD
Professor, Ophthalmology

4:30 – 5:00 **Reception**

Professional Photo Opportunity

Faculty will have the opportunity to take individual or group photos for personal or professional use during coffee breaks and lunch.

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to stop the Alzheimer's crisis

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