2nd Annual CVI Postdoctoral Conference

9 a.m. - 5:30 p.m.
Wednesday, Nov. 29, 2017
Li Ka Shing Center, Paul Berg Hall A

Thanks to our Sponsors:
Stanford Department of Cardiothoracic Surgery
Stanford Division of Cardiovascular Medicine
Stanford Division of Vascular Surgery
10X Genomics
Stanford Division of Electrophysiology
NanoString Technologies
ThermoFisher Scientific
AGENDA

Opening Introductions
9:00 – 9:20 a.m. Registration and Light Continental Breakfast
9:20 – 9:25 a.m. Mark Mercola, PhD
Welcome
9:25 – 9:35 a.m. Amber Smith, PhD, T32 Postdoctoral Fellow
Introduction
9:35 – 9:55 a.m. Dan Bernstein, MD, Alfred Woodley Salter and Mabel Smith Salter Endowed Professor in Pediatrics
“Grant Writing”
9:55 – 10:15 a.m. Victoria Parikh, MD, Clinical Instructor, Postdoctoral Research Fellow, Cardiovascular Medicine
“PPP1R3A Regulates Cardiomyocyte Metabolism to Control Heart Failure: Investigation of Network-based Predictions”
10:15 – 10:45 a.m. Siyeon Rhee, PhD, Postdoctoral Research Fellow, Biology
“Endothelial Deletion of Ino80 Disrupts Coronary Angiogenesis and Causes Left Ventricle Non-compaction”
10:45 – 11:15 a.m. James Priest, MD, Assistant Professor of Pediatrics (Cardiology)
“Transitioning to Faculty”
11:15 – 11:35 a.m. Panel Discussion for Session 1
11:35 a.m. – 12:35 p.m. Lunch
12:35 – 12:55 p.m. Alexander C. Perino, MD, Fellow, Cardiovascular Medicine
“Oral Anticoagulation Prescription Practices in Response to Cardiac Implanted Device Detected Subclinical Atrial Fibrillation”
12:55 – 1:15 p.m. Wesley McKeithan, PhD Student
“Re-engineering Antiarrhythmics with Patient-Specific hiPSC-CMs”
1:15 – 1:45 p.m. Paul Yock, MD, The Martha Meier Weiland Professor in the School of Medicine and Professor of Bioengineering and, by courtesy, of Mechanical Engineering
“The Biodesign Process for Needs-Based Innovation”
1:45 – 2:15 p.m.  **Kristy Red-Horse, PhD**, Assistant Professor of Biology
“**Investigating Coronary Artery Development While Achieving Work/Life Balance**”

2:15 – 2:35 p.m.  Panel Discussion for Session 2

2:35 – 2:50 p.m.  Coffee Break

2:50 – 3:10 p.m.  **Gwanghyun Jung, PhD**, Postdoctoral Research Fellow, Cardiology
“**β2-adrenergic Receptor Signaling Switches From Cardioprotective to Cardiotoxic in Acute vs. Chronic Oxidative Stress**”

3:10 – 3:30 p.m.  **Mirwais Wardak, PhD**, Postdoctoral Research Fellow, Radiology; former T32 Fellow
“**Molecular Imaging of Cardiovascular infections with 6’-[18F]-Fluoromaltotriose PET/CT**”

3:30 – 3:50 p.m.  **Nick Mordwinkin, PhD**, Director, Corporate Strategy at Ultragenyx Pharmaceutical
“**From Academia to the Biotech Industry**”

3:50 – 4:10 p.m.  **Debra Rosenfeld, MA, LMFT**, Assistant Director of Counseling and Resources, BioSci Careers, School of Medicine
“**How BioSci Careers Can Help You Achieve Your Career Goals.**”

4:10 – 4:40 p.m.  Keynote: **Brian Kobilka, MD**, Helene Irwin Fagan Chair in Cardiology and Professor, by courtesy, of Chemical and Systems Biology, 2012 Nobel Laureate
“**Lessons Learned From a Career in Basic Biomedical Research**”

4:40 – 4:45 p.m.  Closing remarks
Instructions for networking session
Acknowledgments

4:45 – 6:00 p.m.  Wine & Cheese Networking Reception

**Special Thanks to our Sponsors:**
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Special Guest Speakers

Helene Irwin
Fagan Chair in Cardiology and Professor, by courtesy, of Chemical and Systems Biology and 2012 Nobel Laureate

The Martha Meier Weiland Professor in the School of Medicine and Professor of Bioengineering and, by courtesy, of Mechanical Engineering

Alfred Woodley Salter and Mabel Smith Salter Endowed Professor in Pediatrics, Stanford Department of Pediatrics (Cardiology)

Assistant Professor of Biology, Stanford Department of Biology

Brian Kobilka, MD

Paul Yock, MD

Daniel Bernstein, MD

Kristy Red-Horse, PhD

Paul Yock, MD

Debra Rosenfeld MA, LMFT

Assistant Director of Counseling and Resources, School of Medicine BioSci Careers

Assistant Director of Counseling and Resources, School of Medicine BioSci Careers

Assistant Professor of Pediatrics (Cardiology)

Director, Corporate Strategy at Ultragenyx Pharmaceutical and Former T32 Fellow at Stanford

James Priest, MD

Nicholas Mordwinkin, PhD

Assistant Director of Counseling and Resources, School of Medicine BioSci Careers
Postdoc Speakers

Siyeon Rhee, PhD
Postdoctoral Research Fellow, Kristy Red-Horse Lab

Victoria Parikh, MD
Clinical Instructor, Medicine (Cardiovascular) and Postdoctoral Research Fellow, Cardiovascular Medicine

Alexander C. Perino, MD
Fellow in Medicine, Cardiovascular

Wesley McKeithan
PhD Student (Jan. 2018 matriculation), Mark Mercola Lab

Gwanghyun Jung, PhD
Postdoctoral Research Fellow, Daniel Bernstein Lab

Miwais Wardak, PhD
Postdoctoral Research Fellow, Radiology, Former T32 Trainee, Sanjiv ‘Sam’ Gambhir Lab

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Notes
Notes
CVI Postdoc Conference Planning Committee

Tina Baykaner, MD, MPH
Postdoctoral Fellow in Medicine -- Cardiovascular

Maurizio Morri, PhD
Postdoctoral Research Fellow, Cardiovascular Medicine

Danielle Nagelberg, PhD
Postdoctoral Research Fellow, Dept. Biology T32 Fellow

David T. Paik, PhD
Postdoctoral Research Fellow, Cardiovascular Institute T32 Fellow

COMMITTEE CHAIR
Amber Smith, PhD
Postdoctoral Research Fellow, PhD T32 Fellow

FACULTY MENTOR
Mark Mercola, PhD
Professor of Medicine, Cardiovascular Medicine

Stanford Cardiovascular Institute