Member Retreat and Poster Session
Friday, 27 February 2009
Vidalakis Dining Room, Schwab Residential Center

11:30 Checking in
12:00 Seated Luncheon

Welcome and Overview of 2009 Educational Activities of the Institute

John Cooke, MD, PhD, Professor of Medicine, Cardiovascular, Associate Director for Education and Training, Stanford Cardiovascular Institute

Introduction of Keynote Speaker

David Liang, MD, PhD, Associate Professor of Medicine, Cardiovascular, and of Electrical Engineering

Marfan syndrome and related disorders: From molecules to medicines
Harold (Hal) Dietz, MD Professor of Medicine, Johns Hopkins University

1:30-2:00 Young Investigator Finalist Presentations

deltaPKC impairs mitochondrial function by promoting mitochondrial fission in brain injury due to hypertension
Xin Qi, PhD, postdoctoral student, Dr. Mochly-Rosen's Lab, Chemical and Systems Biology

Control of cardiac growth, differentiation and hypertrophy by the BAF complex
Calvin Tyi Hang, graduate student, Ching-Pin Chang's Lab, Cardiovascular Medicine

Improved selectivity of isozyme-specific PKC agonist; a structure-based approach
Nir Qvit, PhD, postdoctoral student, Dr. Mochly-Rosen's Lab, Chemical and Systems Biology

2:00 Break

2:30 Faculty Research Overviews  Speed Science:

Engineering cellular microenvironments for cardiovascular biology
Sarah Heilshorn, PhD, Assistant Professor of Materials Science and Engineering

Beta-adrenergic receptor polymorphisms are associated with cardiac graft function in potential organ donors
Kiran Khush, MD, MAS, Instructor, Cardiovascular Medicine

Developing calcium novel calcium channel inhibitors to treat cardiovascular and auto-immune disease
Ricardo Dolmetsch, PhD, Assistant Professor of Neurobiology

Reconstructions of gene networks from genomic/proteomic data
Bala Rajaratnam, PhD, Assistant Professor of Statistics

How are blood vessels built?  A case study of pulmonary artery morphogenesis
Daniel Greif, MD, Instructor, Biochemistry and Cardiovascular Medicine

3:00 Poster session

4:00 Valve-sparing aortic root replacement for patient with Marfan syndrome and other connective tissue disorders: Is this the smart thing to do?*
D Craig Miller, MD, Thelma and Henry Doelger Professor in Cardiovascular Surgery, Cardiothoracic Surgery

4:30 Young Investigator Awards