



## Stanford Cardiovascular Institute

### 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*