

CVRC RETREAT 2010  
American Academy of Arts & Sciences, Cambridge, MA  
Wednesday, September 29

8:30 - 9:00  
AM **Breakfast**

**Session 1**

Moderator:

9:00 -  
9:05 AM **Opening Remarks**

Randall Peterson, PhD  
Scientific Director of the CVRC at Charlestown, MGH

9:05 - 9:30  
AM **Kenneth Chien, MD, PhD**

Director, Cardiovascular Research Center, MGH  
*Towards Heart Stem Cell Therapeutics*

9:30 - 10:00  
AM **Caroline Burns, PhD**

Cardiovascular Research Center, MGH  
*Cardiogenesis in Zebrafish*

10:00 -  
10:30 AM **Ibrahim Domian, MD, PhD**

Cardiovascular Research Center, MGH  
*Stem Cell Models for Cardiac Development and Disease*

10:30 -  
11:00 AM **Break**

**Session 2**

Moderator: Jordan Shin, MD

11:00 -  
11:30 AM **Kenneth Bloch, MD**

Cardiovascular Research Center, MGH  
*Of Fish, Blood, and Bones--a CVRC Story!*

11:30 - Noon **Stanley Shaw, MD, PhD**

Division of Cardiology & The Center for Systems Biology, MGH  
*The use of Patient-Derived Cells for Functional Studies and Novel Phenotypes*

Noon - 1:15  
PM **Lunch & Poster Session**

1:15 - 1:45  
PM **1st Round CVRC Jeopardy**

### **Session 3**

Moderator: Robert Gerszten, MD

1:50 - 2:00  
PM **Robert Gerszten, MD**  
Director of Clinical & Translational Research, MGH  
*Clinical and Translational Research Overview*

2:00 - 2:30  
PM **Thomas Wang, MD**  
Division of Cardiology/MGH  
*Metabolomics Profiling in the Framingham Heart Study: An Update*

2:30 - 3:00  
PM **Gregory Lewis, MD**  
Division of Cardiology-Heart Failure Center, MGH  
*Metabolomic and Physiologic Profiling of Exercise Performance*

3:00 - 3:30  
PM **Christopher Newton-Cheh, MD, MPH**  
Cardiovascular Research Center / Center for Human Genetic Research, MGH  
*Translating Genetic Variants Influencing QT Interval and Blood Pressure to the Patient*

3:30 - 4:00  
PM **Patrick Ellinor, MD, PhD**  
Division of Cardiology & Cardiovascular Research Center, MGH  
*TBA*

4:00 - 4:30  
PM **Break / 2nd Round CVRC Jeopardy**

### **Session 4 - Short Talks**

Moderator: Paul Huang, MD, PhD

4:30 - 4:45  
PM **Kiran Musunuru, MD, PhD, MPH (Kathiresan Lab)**  
*Exome Sequencing Identifies ANGPTL3 as a Cause of Familial Combined Hypolipidemia, a Novel Mendelian Lipid Disorder*

4:45 - 5:00  
PM

**Yiyun Zhang, MD** (Yeh Lab)

*PI3K/Akt Signaling is involved in AML1-ETO-mediated Hematopoietic Dysregulation*

5:00 - 5:15  
PM

**Jin Won Kim, MD** (Jaffer Lab)

*In vivo Dual-Modality Molecular Imaging of Atheroma Inflammation via An Integrated Near-infrared Fluorescence and Optical Frequency Domain Imaging System*

5:15 - 5:30  
PM

**David Kokel, PhD** (Peterson Lab)

*High Throughput Neuroactive Drug Discovery via Systematic Behavioral Barcoding in Zebrafish*

**Keynote  
Speaker:**

5:30 - 6:15  
PM

**Dennis Ausiello, MD**

Chief of Medicine, MGH  
*The Complexity of Drug Development*

6:15 -6:30  
PM

**Final Jeopardy / Announcement of Best Abstract Winner/Concluding Remarks**