

Agenda 2011 CVRC Retreat

8:30-9:15 **Breakfast**

Session 1

Moderator: G. William Dec, MD, Chief Cardiology Division

9:15-9:30 **Opening Remarks**
Kenneth Chien, MD, PhD
Director, Cardiovascular Research Center, MGH

9:30-10:00 **David Milan, MD**
Cardiovascular Research Center, MGH
On the QT: Lessons From a Zebrafish Model of Human Arrhythmia

10:00-10:30 **Randy Peterson, PhD**
Cardiovascular Research Center, MGH
Let the Dead Bury the Dead

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

Session 2

Moderator: Caroline Burns, PhD

11:00-11:30 **Zhong Wang, PhD**
Cardiovascular Research Center, MGH
SWI/SNF-Mediated Epigenetic Control of Multipotent Cardiac Progenitor Cell Differentiation

11:30-12:00 **Sean Wu, MD, PhD**
Cardiovascular Research Center, MGH
iPS Cell-based Modeling of Cardiovascular Disease

12:00-1:15 **Lunch - Poster Session - 1st Round CVRC Jeopardy**

Session 3

Moderator: Paul Huang, MD, PhD

- 1:15-1:45 **Robert Gerszten, MD**
Director of Clinical & Translational Research, MGH
Update on Metabolomics
- 1:45-2:15 **Farouc Jaffer, MD, PhD**
Cardiovascular Research Center, MGH
*Intravascular fluorescence imaging of arterial inflammation:
Progress towards to human coronary arteries*
- 2:15-2:45 **David Sosnovik**
Martinos Center and Cardiovascular Research Center, MGH
MRI of Cardiomyocyte Death and Regeneration
- 2:45-3:15 **Sek Kathiresan, MD**
Cardiovascular Research Center / Center for Human Genetic Research, MGH
Understanding the inherited basis for myocardial infarction
- 3:15-4:00 **Break/2nd & Final Round CVRC Jeopardy**

Session 4 **Keynote Talk & Fellows' Short Talks**

Moderator: Kenneth Chien, MD, PhD

- 4:00-5:00 **Douglas Melton, PhD**
Thomas Dudley Cabot Professor in the Natural Sciences at Harvard University,
Investigator of the Howard Hughes Medical Institute/ Co-director of Harvard's
Stem Cell Institute.
Regenerative Medicine for the Pancreas
- 5:00-5:15 **Serge Gregoire, PhD** (Wu Lab)
*Essential and unexpected role of YY1 to promote mesodermal
cardiac differentiation*
- 5:15-5:30 **Tetsuya Hara, PhD** (Jaffer Lab)
*Multi-modal in vivo molecular imaging of deep vein thrombosis using a
new fibrin-targeted near-infrared fluorescence (NIRF) imaging strategy*
- 5:30-5:45 **Yan Liu, PhD** (Peterson Lab)
Small Molecules Rescuing Doxorubicin Induced Cardiomyopathy
- 5:45-6:00 **Shriram Nallamshetty, MD** (Plutzky & Bloch Labs)
*The Retinoid Axis in Vascular Calcification: Implications for the
Calcification Paradox*
- 6:00 **Abstract Winner Announcement/Concluding Remarks**