

Cardiovascular Research Center Retreat 2008

Tuesday, September 9 | 8:30 AM - 5:00 PM | Endicott House | Dedham, MA

9:00 - 9:15 AM **Ken Chien, MD PHD**
Director, Cardiovascular Research Center at MGH
Welcome

Moderator: Chris Newton-Cheh

9:15 - 9:45 AM **Sek Kathiresan, MD**
Cardiovascular Research Center at MGH
Common DNA Sequence Variants, Blood Lipids, and Myocardial Infarction

9:45 - 10:15 AM **Robert Gerszten, MD**
Cardiovascular Research Center at MGH
Integrative Genomics Projects Related to DM and its Complications

10:15 - 10:45 AM **Paul Huang, MD PHD**
Associate Director, Cardiovascular Research Center at MGH
eNOS as a Target: in the Crosshairs between Metabolism and Cardiovascular Disease

10:45 - 11:00 AM **Break**

11:00 - 11:15 AM **Kjersten Reich**
Grants Coordinator, Cardiovascular Research Center at MGH
2008 CVRC Grant Submission Report: Successes and Trends

Short Talks:

Moderators: Calum MacRae + Ken Bloch

11:15 - 11:30 AM **Kiyuk Chang, MD**
Jaffer Lab
Peroxisome Proliferator-Activated Receptor- γ Activation Reduces Inflammation in Atherosclerosis as Assessed by Serial in vivo Fluorescence Molecular Imaging

11:30 - 11:45 AM **Sharon Cawley, PHD**
Bloch Lab
Contractile Defects in Cardiac Myocytes from sGC α 1-Deficient Mice

11:45 - Noon **Stephen Chan, MD PhD**
Loscalzo Lab
Identification and Function of a Hypoxia-Inducible MicroRNA in Human Pulmonary Arterial Endothelial Cells

Noon - 12:15 PM **Ibrahim Domian, MD PHD**
Chien Lab
Assembly of Mature Ventricular Muscle from ES Derived Progenitors

12:15 - 12:30 PM **Andreas Werdich, PHD**
MacRae Lab
Towards a Functional Myocardial Fate Map in the Developing Zebrafish Embryo

12:30 - 1:30 PM **Lunch**

Moderator: Ken Chien

1:30 - 2:30 PM Keynote:
Jack Szostak, MD
Center for Computational & Integrative Biology and
Department of Molecular Biology at MGH
Towards the Design and Synthesis of an Artificial Cell

Moderator: Stanley Shaw

2:30 - 3:00 PM **Randy Peterson, PHD**
Cardiovascular Research Center at MGH
This is your Brain on Drugs

3:00 - 3:30 PM **Paul Yu, MD PHD**
Cardiovascular Research Center at MGH
Gain- and Loss-of-Function in the Bone Morphogenetic Protein Signaling Pathway

3:30 - 3:45 PM **Break**

Moderator: David Milan

3:45 - 4:15 PM **Chad Cowan, PHD**
Cardiovascular Research Center & Center for Regenerative Medicine at MGH
Understanding Obesity with Induced Pluripotent Stem Cells

4:15 - 4:45 PM **Caroline Burns, PHD**
Cardiovascular Research Center at MGH
Cardiac Progenitor Cells in Embryogenesis and Regeneration

4:45 - 5:00 PM **Closing Remarks + Best Abstract Prize Announced**