

## FRIDAY, OCTOBER 23, 2015

- 1:00-1:15 PM **INTRODUCTION**  
**John B. Little, M.D.**  
James Stevens Simmons Professor of Radiobiology, Emeritus  
Department of Genetics and Complex Diseases  
Harvard T.H. Chan School of Public Health
- WELCOME**  
**Gerald Chan, Sc.D.**  
Chairman, Momingside Foundation
- Dean David J. Hunter, MBBS, MPH, Sc.D.**  
Acting Dean of the Faculty  
Vincent L. Gregory Professor in Cancer Prevention, Departments of Epidemiology  
and Nutrition, Harvard T.H. Chan School of Public Health
- 1:15-4:30 PM **SESSION I: Discussion Leader: Robert V. Farese, Jr., M.D.**  
Professor, Department of Genetics and Complex Diseases  
Harvard T.H. Chan School of Public Health
- 1:15-2:00 PM **Amy Wagers, Ph.D.** - Forst Family Professor of Stem Cell and Regenerative Biology  
Harvard Medical School  
Harvard University  
*"Local and systemic regulators of aging phenotypes in mammalian tissues"*
- 2:00-2:45 PM **Tobias Walther Ph.D.**- Professor, Department of Genetics and Complex Diseases  
Harvard T.H. Chan School of Public Health  
Harvard University  
Howard Hughes Medical Institute Investigator  
*"The Phase of Fat: Mechanisms and Physiology of Lipid Synthesis and Storage"*
- 2:45-3:00 PM **BREAK** - Outside G1
- 3:00-3:45 PM **John Sedivy, Ph.D.** - Professor of Biology, Professor of Medical Science  
Department of Molecular Biology, Cell Biology and Biochemistry  
Brown University  
*"Epigenetic Changes and Somatic Retrotransposition in Mammalian Aging"*
- 3:45-4:30 PM **Coleen T. Murphy, Ph.D.**- Professor of Molecular Biology and Genomics  
Department of Molecular Biology and the Lewis Sigler Institute for Integrative Genomics  
Director of Paul F. Glenn Laboratories for Aging Research  
Princeton University  
*"Brutal Efficiency: How mating and reproduction influence C. elegans longevity"*

4:30-6:30PM **RECEPTION** - Kresge Cafeteria

Saturday, October 24

8:00-9:00 AM **BREAKFAST** - Kresge Cafeteria

- 9:00 AM-12:15 PM **SESSION II: Discussion Leader: Bernardo Lemos, Ph.D.**  
Assistant Professor, Department of Environmental Health  
Harvard T.H. Chan School of Public Health

## SATURDAY, OCTOBER 24, 2015

- 9:00-9:45 AM **Cole Haynes, Ph.D.**- Associate Member in the Cell Biology Program  
Memorial Sloan Kettering Cancer Center  
*"Adaptations to mitochondrial dysfunction mediated by a mito-UPR"*
- 9:45-10:30 AM **Gerald Shadel, Ph.D.**- Professor, Department of Pathology and Genetics  
Yale School of Medicine  
Yale University  
*"Mitochondrial Stress Signaling in Disease, Aging and Immunity"*
- 10:30-10:45 AM **BREAK** - Outside G1
- 10:45-11:30 AM **Wade Harper, Ph.D.** - Chair, and Professor of Cell Biology, B and N Vallee  
Professor of Molecular Pathology, Co-Director Harvard Medical School Training  
Program in Cell and Developmental Biology  
Harvard University  
*"Signaling mitochondrial stress"*
- 11:30 AM-12:15 PM **Navdeep Chandel Ph.D.** - Professor in Medicine and Cell Biology  
Feinberg School of Medicine  
Northwestern University  
*"Mitochondria as signaling organelles"*
- 12:15-1:30 PM **LUNCH** - Kresge Cafeteria
- 1:30-4:45 PM **SESSION III: Discussion Leader: James R. Mitchell, Ph.D.**  
Associate Professor, Department of Genetics and Complex Diseases  
Harvard T.H. Chan School of Public Health
- 1:30-2:15 PM **Toren Finkel, M.D., Ph.D.** - Senior Investigator, Laboratory of Molecular Biology  
Division of Intramural Research  
National Institutes of Health  
*"Mitochondria, Calcium and Mitophagy"*
- 2:15-3:00 PM **Stirling Churchman, Ph.D.** - Assistant Professor of Genetics  
Harvard Medical School  
Harvard University  
Associate Member of the Broad Institute of Harvard and MIT  
*"Synchronous regulation of nuclear and mitochondrial translation during mitochondrial biogenesis"*
- 3:00-3:15 PM **BREAK** - Outside G1
- 3:15-4:00 PM **David Chan, M.D., Ph.D.** - Professor of Biology  
Department of Biology and Biological Engineering  
California Institute of Technology  
*"Physiological fuctions of mitochondrial fusion"*
- 4:00-4:45 PM **Roger Davis, Ph.D. F.R.S.** - Chair and Professor, H. Arthur Smith  
Program in Molecular Medicine  
University of Massachusetts Medical School  
University of Massachusetts  
Howard Hughes Medical Institute Investigator  
*"Metabolic Stress Signaling by JNK"*