

The Chemistry and Biophysics & Biochemistry Departments  
Jointly Present

# 2013 Chemical Biophysics Mini-Symposium

# Chemical Biology of Aging

November 1, 2013

Lynch Auditorium, Chemistry Building

- 12:30-1:20** **Gregory Verdine**, Harvard University  
*The Enemy Within: Recognition and Repair of 8-Oxoguanine*
- 1:20-1:40** **Brian Capell**, Department of Cell and Developmental Biology, Berger Lab  
*Senescence leads to large-scale epigenomic destabilization marked by hallmarks of reprogramming*
- 1:40-2:00** **David Frederick**, Department of Physiology, Baur Lab  
*Increased Synthesis of NAD is Insufficient to Promote the Oxidative Capacity of Skeletal Muscle in Young Mice*
- 2:00-2:50** **Mary Armanios**, Johns Hopkins University  
*Telomeres and Age-Related Diseases*
- 2:50-3:10** Coffee Break
- 3:10-4:00** **Toren Finkel**, Laboratory of Molecular Biology; National Heart, Lung, and Blood Institute, National Institutes of Health  
*Large lessons from small mice: mTOR, MCU, mitochondria and aging*
- 4:00-4:20** **Daniel Ricketts**, Department of Biochemistry and Biophysics, Marmorstein Lab  
*Molecular basis for histone H3.3-specific deposition by the HIRA/UBN1/CABIN1/ASF1a (HUCA) histone chaperone complex*
- 4:20-4:40** **John Warner**, Department of Chemistry, Petersson Lab  
*Protein Semi-Synthesis and Modification of Alpha Synuclein*
- 4:40-5:30** **Leonard Guarente**, Massachusetts Institute of Technology  
*Sirtuins: Aging and Diseases*



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