The Neuroscience of Aging and Aging Reversal

Annual Symposium of the
Central Virginia Chapter of the Society for Neuroscience
Friday, March 21st, 2014

9:15 a.m.  Registration in Kontos Atrium and Poster Set up room 104/105

10:00  Symposium Opening Remarks
Michael A. Fox, Ph.D., CVCSN President

Plenary Session

10:10  Reversing Stem Cell Aging: The Key to Rejuvenation
Thomas A. Rando, M.D., Ph.D.
Professor of Neurology and Neurological Sciences
Director, Glenn Laboratories of the Biology of Aging
Chief of Neurology, Veterans Affairs Palo Alto Health Care System
Stanford University, Palo Alto CA

11:10  Intermission

11:20  True Blood: Reversing the Effects of Aging on Synaptic Plasticity and Cognitive Function
Saul Villeda, Ph.D.
UCSF Sandler Faculty Fellow
University of California, San Francisco CA

12:20 p.m.  Lunch Break in Kontos Atrium

1:30  CVCSN Symposium Poster Session

Virginia Distinguished Speaker Session

3:30  Aging Impairs Brain Mitochondrial Biogenesis: What is the Fix?
James P. Bennett Jr., M.D., Ph.D.
Bemiss Professor of Neurology, Psychiatry and Physiology/Biophysics
Director, VCU Parkinson’s and Movement Disorders Center
Virginia Commonwealth University, Richmond VA
4:00  Discovering Molecules that Protect Synapses from the Ravages of Aging
      Gregorio Valdez, Ph.D.
      Assistant Professor of Virginia Tech Carilion Research Institute, Biological
      Sciences, and Internal Medicine
      Virginia Tech, Carilion Research Institute, Roanoke VA

4:30  Intermission

4:40  Amyloid and Tau: The Trigger and Bullet in Alzheimer's Disease Pathogenesis
      George S. Bloom, Ph.D.
      Professor of Biology and Cell Biology
      University of Virginia, Charlottesville VA

5:10  Student Poster Awards Presentation

5:20  Symposium Closing Remarks
      Michael A. Fox, Ph.D., CVCSN President