

# The Neuroscience of Aging and Aging Reversal

Annual Symposium of the  
Central Virginia Chapter of the Society for Neuroscience  
Friday, March 21<sup>st</sup>, 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