Monday, June 13, 2022

3:30 - 4:00 pm  Registration/reception  
Santa Ynez

4:00 – 4:10 pm  Welcome  
Santa Ynez  
Stephanie Lederman  
Executive Director, AFAR

4:10 – 5:10 pm  BIG Presentations

- The dynamic epigenome – challenges and opportunities for healthy aging  
  Peter Adams, PhD (2018 BIG)  
  Professor  
  Sanford-Burnham Prebys Medical Discovery Institute

- Electroencephalogram-based Brain Age and its Relation with Cognitive Function and Sleep Quality  
  M. Brandon Westover, MD, PhD (2018 BIG)  
  Associate Professor, Neurology  
  Massachusetts General Hospital and Harvard Medical School

5:10 – 5:30 pm  Break
5:30 – 6:00 pm  
**Geroscience Interventions: The Path to Translation**

*James Kirkland, MD, PhD*
President, AFAR  
Professor of Medicine and Physiology, Mayo Clinic Rochester

6:00 – 6:30 pm  
**Establishing Biomarkers for Geroscience Prevention Trials**

*Stephen Kritchevsky, PhD*
Professor, Gerontology and Geriatric Medicine  
Wake Forest University

6:30 – 7:00 pm  
**Mapping molecular pathways that link aging to Alzheimer’s disease**

*Veronica Galvan, PhD*
Professor, Department of Biochemistry and Molecular Biology  
Donald W. Reynolds Endowed Chair of Aging Research  
Co-Director, Center for Geroscience and Healthy Brain Aging  
University of Oklahoma Health Sciences Center

7:00 – 8:30 pm  
**Dinner**
Santa Ynez Terrace

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**Glenn Workshop on the Biology of Aging**
June 13 – 16, 2022  
Ritz-Carlton Bacara, Santa Barbara, California

**Workshop Moderator: Kevin Lee**

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**Tuesday, June 14, 2022**

Joint meeting with the AFAR grantees

7:30 – 8:30 am  
**Breakfast**
Santa Ynez Terrace

8:30 – 8:40 am  
**Meeting overview and goals**
Kevin Lee, PhD, Senior Scientific & Programmatic Advisor  
Glenn Foundation for Medical Research

8:40 – 9:00 am  
**Mark Collins**
President  
Glenn Foundation for Medical Research

9:00 – 9:30 am  
**Introducing The Hevolution Foundation**

*Felipe Sierra, PhD (virtually)*
Chief Scientific Officer, The Hevolution Foundation
9:30 – 10:00 am  
 Gamma oscillations: mechanisms, function and human diseases  
 *Li-Huei Tsai, PhD*  
 Picower Professor of Neuroscience, Massachusetts Institute of Technology

10:00 – 10:30 am  
 The Dog Aging Project  
 *Daniel Promislow, PhD*  
 Professor, University of Washington

10:30 – 11:00 am  
 Break

11:00 - 11:30 am  
 Clinical Studies to Improve the Function of the Aging Immune System: Lessons Learned  
 *Joan Mannick, MD*  
 CEO, Tornado Therapeutics

11:30 am – 12:00 pm  
 Involvement of Retrotransposons in Aging and Age-Related Diseases.  
 *John Sedivy, PhD*  
 Hermon C. Bumpus Professor of Biology, Brown University

12:00 – 1:30 pm  
 Lunch  
 *Santa Ynez Terrace*

1:30 – 2:00 pm  
 Mitochondrial dysfunction with aging and its effect on sarcopenia and mobility loss.  
 *Luigi Ferruci, MD, PhD*  
 Scientific Director, National Institute on Aging, NIH

2:00 – 2:30 pm  
 Regenerative medicine and aging: barriers to repair  
 *Jennifer Elisseeff, PhD*  
 Morton Goldberg Professor, Johns Hopkins University

2:30 – 3:00 pm  
 Targeting the Integrated Stress Response to Reverse cognitive deficits in aging and traumatic brain injury.  
 *Susanna Rosi, PhD*  
 Principal Investigator, Altos Labs Bay Area Institute

3:00 – 5:00 pm  
 Free time

5:00 – 6:00 pm  
 Reception  
 *Rotunda Terrace*
6:00 – 8:00 pm  
**Dinner and Dinner Speaker**

*Rotunda*

*Neurobiology of the World's Most Dangerous Animal*

**Leslie B. Vosshall, PhD**  
Robin Chemers Neustein Professor, The Rockefeller University  
Vice President, Chief Scientific Officer, Howard Hughes Medical Institute

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**Wednesday, June 15, 2022**

7:30 – 9:00 am  
**Breakfast**

*Santa Ynez Terrace*

Adjourn