The Paul F. Glenn/AFAR Conference on the Biology of Aging
The 35th Annual AFAR Grantee Conference

June 13 – 15, 2022

Ritz-Carlton Bacara
Santa Barbara, CA

DRAFT 6/1/2022

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

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

Workshop Moderator: Kevin Lee

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
Santa Ynez
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
Wednesday, June 15, 2022 (Glenn Workshop Participants only)

7:30 – 9:00 am   Breakfast
Santa Ynez Terrace

We will discuss recent advances and survey opportunities which could help guide the Foundation’s future strategic investments. Each Center Director (or representative) will give a BRIEF (20 minutes) presentation to discuss current center activities, next steps, what questions and research avenues to be pursued, and challenges and limitations that may have been encountered. The discussions will also explore opportunities to collaborate among the Glenn Centers, and more broadly with researchers in the biology of aging community and in other disciplines.

Consider discussion about what’s new in the field. What are hot topics, emergent areas, areas that have potentially the greatest impact.

9:00 – 9:15 am   K. Leonard Judson
Santa Ynez   Glenn Foundation for Medical Research

9:15 – 10:45 am  Malene Hansen, Buck Center for Research on Aging
Sofiya Milman, Albert Einstein College of Medicine
Jan Karlseder, Salk Institute

10:45 – 11:15 am  Break

11:15 am – 12:15 pm   Rich Miller, University of Michigan
Darren Baker and Nathan LeBrasseur, Mayo Clinic

12:15 – 1:45 pm   Lunch
Santa Ynez Terrace

1:45 – 2:45 pm   Amy Wagers, Harvard Medical School
Rachel Kaletsky, Princeton University

2:45 – 3:15 pm   Wrap-up discussion

5:30 – 6:00 pm   Cocktails

6:00 – 8:00 pm   Dinner

Adjourn