



17th Bay Area Aging Meeting

Friday, November 9, 2018

Robertson Auditorium

Mission Bay Conference Center

UCSF Mission Bay Campus, 1675 Owens Street, San Francisco



University of California
San Francisco

8:20 – 8:50am Breakfast and Registration

8:50 am Welcome Address – Hao Li

9:00 am Immune System/Brain Aging – Chair: Anne Brunet

Paras Minhas (Andreasson lab/Stanford): Metabolically reprogramming innate immune cells in aging and inflammation

Adelaida Palla (Blau lab/Stanford): Overcoming inflammaging to augment muscle strength through stem cell expansion

David Furman (Visiting Associate Professor/Stanford): Immunological Mechanisms of Aging and Chronic Disease

Peter Sudmant (Assistant Professor/Berkeley): Widespread accumulation of ribosome-associated isolated 3' UTRs in specific neuronal cell populations of the aging brain

Tara Tracy (Assistant Professor/Buck) : Spatiotemporal Mapping of the Tau Interactome to Investigate mechanisms in Alzheimer's Disease.

10:15 am Coffee Break

10:30 am Single Cell/New Technology – Chair: Danica Chen

Guo Huang (Assistant Professor/UCSF) : Molecular Control of Heart Regeneration: Insights from Long-lived Species

Abby Buchwalter (Assistant Professor/UCSF) : Nucleolar expansion in premature and physiological aging

Denis Titov (Assistant Professor/Berkeley): New tools for studying the role of energy metabolism in physiology and disease

Changhui Deng (Li lab/UCSF): A high-throughput screening platform for discovering longevity genes and anti-aging drugs

11:30 am Keynote Lecture – Chair: Hao Li

Leonard Guarente (Professor, Director of Paul F. Glenn Center for Biology of Aging Research/MIT): Adding life to your years

12:15 pm Lunch and Poster

2:00 pm Stress/Senescence/Rejuvenation– Chair: Pankaj Kapahi

Helen Wong (Brand Lab/Buck): Mitochondrial and cytosolic sources of hydrogen peroxide in cells

Yiwen Chen (Jarosz lab/Stanford): Prion-like aggregation in an aging vertebrate proteome

Fatouma Alimirah (Campisi Lab/Buck): Role of cellular senescence in skin carcinogenesis

Amit Sharma (Kapahi Lab/Buck): Inhibition of ADAM19, a metalloprotease, not only modulates survival and healthspan in flies under genotoxic stress but also acts as a gatekeeper to modify the SASP and senescence in human cells.

Chao Liu (Conboy lab/Berkeley): Bio-orthogonal identification of rejuvenative and pro-aging proteins

Jay Goodman (Unal lab/Berkeley): Cellular rejuvenation in meiosis: how to create life out of programmed death

3:30 pm Coffee Break

3:45 pm Panel Discussion – Aging Research: the Past, Present, and Future. Moderator Saul Villeda

Ned David (Co-founder and President, Unity Biotechnology)

Leonard Guarente (Professor, Director of Paul F. Glenn Center for Biology of Aging Research, MIT)

Max Guo (Chief, Genetics and Cell Biology Branch, Division of Aging Biology, NIA)

Cynthia Kenyon (Vice President of Aging Research, Calico)

Eric Verdin (President and CEO, Buck Institute)

Tony Wyss-Coray (Professor, Stanford University)

5:15 pm Poster Awards

5:25 Reception

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