



La Jolla AGING Meeting

6th Annual Symposium, 10:30 AM – 5:00 PM, Thursday March 23, 2023

10:30 am **Introduction – Peter Adams**

MORNING SESSION – chaired by Alessandra Sacco

- 10:35 am **Gary Siuzdak, Scripps**
Identifying Bioactive Endogenous Metabolites
- 11:00 am **Zhen Zhou, Nan Hao lab, UCSD**
Engineering longevity-design of a synthetic gene oscillator to slow cellular aging
- 11:20 pm **Caroline Kumsta, SBP**
Inhibition of Early-acting Autophagy Genes in *C. elegans* Neurons Extends Lifespan via ATG-16.2 WD40 Domain
- 11:45 am **Carlos Marinas, Don Cleveland lab, UCSD**
Tracing glia-into-neuron conversion using spatial transcriptomics in the adult brain
- 12:05 pm **Alan To, Michael Petrascheck lab, Scripps**
Uncoupling Eating from Aging

12:25 pm **Lunch**

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Registration required

<https://www.salk.edu/events/science-events/la-jolla-aging-meeting-2023/>

Lunch available

This meeting is hybrid – in person and virtual

AFTERNOON SESSION – chaired by Caroline Kumsta

- 2:00 pm **Hiroshi Tanaka, Peter Adams lab, SBP**
Probing the link between nucleosome stability and phenotypic stability and resilience
- 2:20 pm **Jessica Roginsky, Sue Kaech lab, Salk**
CNS-Immune Interactions as Drivers of Neurodegeneration
- 2:40 pm **Suborno Jati, UCSD**
Chromogranin A: New role of an old molecule in aging and neurodegeneration
- 3:05 pm **Haodong Qin, Tanya Sharpee lab, Salk**
Epigenetic aging axis maximal lifespan prediction revealed by hyperbolic geometry
- 3:25pm **Andrés Cisneros, Pura Munoz-Canoves lab, Altos Labs**
Atlas of senescent cells in aged and diseased muscles
- 3:45 pm Coffee break**

KEYNOTE SESSION – chaired by Peter Adams

- 4:00 pm **Rafa de Cabo, NIH**
Caloric Restriction: From Calories to Fasting Times

Organized by: **Alessandra Sacco** and **Peter Adams**, Sanford Burnham Prebys Medical Discovery Institute & **Jan Karlseder**, Salk Institute

Conrad T. Prebys Auditorium, Salk Institute, La Jolla