

San Diego Nathan Shock Center 2025 Symposium

Tackling the Heterogeneity of Aging

Wednesday March 26 2025, 10:00 am PST

*Conrad T. Prebys Auditorium, Salk Institute, La Jolla
- Hybrid Event*

- 9:15 am **Breakfast and registration**
Mentorship meetings, 2024 awardees and mentors only
- 10:00 am **Opening Remarks and Center updates**
- 10:20 am **Luis Prieto, Mayo Clinic, SD-NSC Pilot grant awardee**
Building a holistic framework to explore cancer in aging
- 10:40 am **Hongkui Zheng, Allen Institute for Brain Science**
Dynamic changes of cell types in the aging brain
- 11:15 am **Laith Samara, Princeton University, SD-NSC Pilot grant awardee**
Spatial Assessment of Cellular Heterogeneity in Aging
- 11:35 pm **Tony Wyss-Coray, Stanford University**
Young blood for old brains and the quest to slow aging
- 12:10 pm **Ines Sturmlechner, Mayo Clinic, SD-NSC Pilot grant awardee**
Aging trajectories of memory CD8+ T cells differ by their antigen specificity
- 12:30 pm *Lunch Break*
- 1:45 pm **Sonia Vazquez-Sanchez, UC San Diego, SD-NSC Pilot grant awardee**
Somatic repeat expansion and HTT aggregation in Huntington's Disease Human Brain using Multimodal Spatial Transcriptomics
- 2:05 pm **Adam Salmon, Barshop Institute at UT Health San Antonio**
Understanding the translational potential of geroscience from cells to primates
- 2:40 pm **Daniel Whittaker, UC San Diego, SD-NSC Pilot grant awardee**
Contributions of circadian disruption to the heterogeneity of brain aging
- 3:00 pm **Lingyan Shi, University of California, San Diego**
Optical Metabolic Nanoscopy for Studying Aging and Diseases
- 3:35 pm **Shanshan Yin, Sanford Burnham Prebys, SD-NSC Pilot grant awardee**
Investigating the transcriptional and epigenetic heterogeneity in mammary glands during healthy aging and tumorigenesis
- 3:55 pm **Closing remarks**
- 4:10 pm **Networking happy hour – in person only**

Hosts

Alessandra Sacco
Sanford Burnham Prebys

Gerald Shadel
Salk Institute

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For more information visit the
Symposium website

and register here:



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