



NATHAN SHOCK CENTERS
OF EXCELLENCE IN THE
BASIC BIOLOGY OF AGING

Nathan Shock Centers Directors Symposium – AGE 2025

May 11, 2025, 1:00 – 4:00 pm AKT

Anchorage, Alaska

Draft as of April 8, 2025

- 1:00 pm** **Introduction**
Steven Austad, PhD
University of Alabama at Birmingham
Multiple PI, Nathan Shock Centers Coordinating Center
Distinguished Professor, Protective Life Endowed Chair in Healthy Aging
Research, Co-director, UAB Nathan Shock Center of Excellence in the Basic
Biology of Aging
- 1:30 pm** **Pilot Grantee Presentations**
The eight [Nathan Shock Centers](#) fund pilot projects that utilize services
provided by the cores of those centers. The presentations by the following
pilot grantees highlight the core services offered by the NSCs, how the pilot
grantees used their data and how this advanced their research.
- 1:30-1:45pm** **Vivek Kumar, The Jackson Laboratory: *Title TBA.*** (Pilot funding from The
Jackson Laboratory Nathan Shock Center)
- 1:45-2:00pm** **Andrey Parkhitko, University of Pittsburgh: *Targeting Age-Related***
Metabolic Dysfunction to Extend Healthspan. (Pilot Funding from San
Antonio Nathan Shock Center)
- 2:00-2:15pm** **Nicolas Lehrbach, Fred Hutchinson Cancer Center: *Title TBA.*** (Pilot funding
from the University of Washington Nathan Shock Center)
- 2:15-2:30pm** **Stefanie Krick, University of Alabama at Birmingham: *Mechanisms of Aging***
in the Cystic Fibrosis Lung. (Pilot funding from the University of Alabama at
Birmingham Nathan Shock Center)
- 2:30-2:45pm** **Marisol Castillo-Castrejon, University of Oklahoma Health Sciences Center:**
Title TBA. (Pilot funding from the Oklahoma Nathan Shock Center)
- 2:45-3:00pm** **Wei Chen, Albert Einstein College of Medicine: *Calciprotein Particles and***
Vascular Aging. (Pilot funding from Einstein Nathan Shock Center)
- 3:00-3:15pm** **Caroline Kumsta, Sanford Burnham Prebys Medical Discovery Institute:**
Title TBA. (Pilot funding from the San Diego Nathan Shock Center)

Panel Discussion and Q&A