



**NATHAN SHOCK CENTERS
OF EXCELLENCE IN THE
BASIC BIOLOGY OF AGING**

Biology of Aging for Non-Biologists

GSA 2024 Symposium
Saturday, November 16 from 12-1:30pm
All times noted are Pacific Time.

12-12:10pm	Introduction/Welcome Steven N. Austad, PhD
12:10-12:25pm	Cell Senescence and Mitochondria: A Matter of Life or Death Joao Passos, PhD
12:25-12:40pm	Biomarkers of Aging and Precision Healthcare for Older Adults Anthony Molina, PhD
12:40-12:55pm	Optimum Circadian Rhythm for Healthy Lifespan Satchidananda Panda, PhD
12:55-1:10pm	Geroscience-Driven Therapies to Target Healthspan with Aging: Clinical Implications Sara Espinoza, MD
1:10-1:25pm	Young Blood: A Hot Topic in Geroscience Steven N. Austad, PhD
1:25-1:30pm	Wrap-Up/Adjourn