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SAN DIEGO NATHAN SHOCK CENTER PILOT GRANTS 2024 CALL FOR APPLICATIONS

The Research Development Core of the San Diego Nathan Shock Center (SD-NSC) is requesting applications for its Pilot Grant program. This opportunity is for junior investigators studying the basic biology of aging, and for established investigators seeking to join this important field of research. The goal is to support projects that explore the heterogeneity of aging by taking advantage of the scientific services offered by the SD-NSC Research Resource Cores. These are the **Human Cells Models of Aging Core**, which offers cell lines from our unique cohort; the **Heterogeneity of Aging Core**, which offers single-cell and whole-tissue spatial-omics, sequencing and epigenetic analysis, mass spectrometry and high-resolution imaging to assess the heterogeneity of cell and tissue aging; and the **Integrative Models of Aging Core**, which offers computational tools to integrate and interpret large datasets from bulk and single-cell sequencing, proteomic and imaging related to the heterogeneity of aging. Priority will be given to projects that will utilize the new service offerings, spatial-omics (GeoMx, Merscope, Xenium), human fibroblasts from the SD-NSC aging cohort, and longitudinal single-cell projects.

Up to \$20,000 (\$50,000 for spatial-omics or longitudinal single-cell studies) will be awarded to up to six projects, to cover Core services at the SD-NSC subsidized rates. In addition, the center will provide awardees access to training workshops and career development opportunities, and cover expenses to attend and present their work at the **SD-NSC Symposium on Heterogeneity of Aging**. Awardees will also be paired with an established SD-NSC investigator, or SD-NSC affiliated investigator, who will provide feedback and help ensure project success. For junior applicants, this advisor will also serve as a mentor and be available to consult for career development.

Eligibility and important dates

- Open to junior researchers who finished their PhD within the last 10 years, Assistant professors within the first 5 years of tenure, or Established investigators new to the aging field. All affiliated with a US institution.
- Proposals are due on Thursday **August 22, 2024**.
- Awardees will be notified in early October 2024 through email.

Submission and Contact

For more information and to submit your application please visit the [SD-NSC website](#). For further questions about the program please read our [FAQ](#), email us at sdnsc_rdcore@salk.edu, Or join us on [July 1 at 11:00am PT](#) or [July 11 at 1:30pm PT](#) for a consultation session with Dr. Alessandra Sacco, Director of the SD-NSC Research Development Core.

Required Application Components

The 3-page proposals must include:

- Scientific abstract (≤ 150 words)
- Significance of the proposed research
- Experimental approach

Formatting should be Arial font of at least 11 pt. and half-inch margins.

In addition, applicants need to include: Bibliography & references cited, NIH-style biosketch, and Budget using the specific template.