

Buck
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NIA Training Course
in Experimental Aging Research

Hosted by the Buck Institute for Research on Aging in Novato, CA

September 8-12, 2025

The 32nd Annual NIA Training Course provides intense exposure to current concepts in experimental aging research for 15-20 research scientists. It is designed primarily for junior faculty and advanced fellows with at least two years postdoctoral experience in cell or molecular biology or a related field. Senior scientists who wish to learn about current aging research are also welcome to apply.

Each day includes: i) overview lectures on a pivotal topic in modern aging research; ii) development workshops at which trainees present a research proposal, which will be critiqued by workshop faculty with aging expertise; iii) faculty research talks on selected topics. Faculty for the 2022 course include some of the world's leading scientists in the aging and longevity research community.

NO COURSE FEE. Travel and accommodations will be covered by funds from the National Institute on Aging, and meals will be covered by a grant from the Glenn Foundation for Medical Research.

Course topics include:

- Brain aging (Tony-Wyss Coray & Ashley Webb)
- Stem cell & Immune aging (Leanne Jones & Roarke Kamber)
- Reproductive aging (Francesca Duncan & Dena Dubal)
- Epigenetics & aging (Anne Brunet)
- Senescence & aging (Birgit Schilling)
- Nutrient signaling & aging (Pankaj Kapahi)
- Proteostasis & aging (Malene Hansen & Kai Zhou)
- Human aging (Benjamin Miller & John Newman)



Application Deadline: July 11th, 2025

Application Requirements:

1. A Biosketch or CV including publications
2. At least one letter of recommendation
3. A one-page grant proposal abstract outlining a hypothesis and specific aims for a research project you would like to pursue. The course provides expert feedback on your research plans, similar to that of a NIA study section. You may also send up to a one-page supplemental description of your research interests, if desired.
4. Submit as one pdf

Email applications and direct administrative questions to:

Alice Zhang: ZZhang@buckinstitute.org

Direct inquiries regarding the course to:

Dr. Pankaj Kapahi:
PKapahi@buckinstitute.org
Dr. Malene Hansen:
Mhansen@buckinstitute.org

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