

# Special Request for Application (RFA) Pilot Projects Awards

## Nathan Shock Center of Excellence in the Basic Biology of Aging

[The JAX Nathan Shock Center](#) is accepting applications for Pilot Research Projects in the biology of aging **utilizing currently available aged male and female J:DO Stock #009376 Diversity Outbred (DO)** (6-18 months of age). Stock overview: <https://www.jax.org/strain/009376> .

The Diversity Outbred (DO) stock is designed to be the most genetically diverse mouse resource available, allowing more accurate modeling of the human population. Individual DO mice are genetically unique with heterogenous genomes representing a mixture of genetic contributions of eight diverse founder inbred strains.

For these pilot projects, highly trained Aging Center Research Assistants skilled in aged mouse phenotyping techniques will carry out these projects. For a list of available ages and phenotyping assays, prior consultation with the Director of the [Development Core](#), Ron Korstanje ([ron.korstanje@jax.org](mailto:ron.korstanje@jax.org)), is strongly advised.

Applications from outside The Jackson Laboratory are strongly encouraged. Junior Faculty members are particularly encouraged to apply for Pilot Projects. Postdoctoral fellows cannot serve as Principal Investigators for pilot projects. However, they may receive support via faculty sponsors.

Due to the need to manage aged mouse colonies efficiently, opportunities for phenotyping and intervention testing with aged mice require advanced planning.

### Applications are due by October 30<sup>th</sup> 2021

Applications must include:

- Cover letter which addresses the following questions:
  - How does this research specifically relate to the biology of aging?
  - Need for Support: justify why this work cannot be completed with your existing resources
  - Anticipated impact of the Pilot Award on future plans and funding
- NIH Style Biosketch
- One-page description of your research plan and its significance.

Submit the cover letter and application electronically in PDF or Word format to: Joyce Billings, [joyce.billings@jax.org](mailto:joyce.billings@jax.org).