

2025

Courses & Workshops

EMPOWERING THE NEXT GENERATION
OF BIOMEDICAL LEADERS

JAX combines conceptual education with the science communication, collaboration, translation and skills training required to succeed in modern scientific and biomedical settings.

Our programs accelerate the development and success of undergraduate, graduate, postdoctoral and faculty learners in their scientific careers.

Scholarships are available.

COURSES

Human and Mammalian Genetics and Genomics: The 66th McKusick Short Course

34th Annual Short Course on Experimental Models of Human Cancer

The Short Course on the Application of Machine Learning for Automated Quantification of Behavior

Short Course on the Genetics of Addiction

Vascular Contributions to Cognitive Impairment and Dementia (VCID)

RESEARCH EXPERIENCES

Genetics of Addiction: Education and Research Experiences for Faculty and Student Teams in Science

WORKSHOPS

Stereotaxic Surgery in the Laboratory Mouse

Surgical Techniques in the Laboratory Mouse

Making and Genetically Manipulating Mouse Embryos

Principles and Techniques for Improving Preclinical Translation in Alzheimer's Disease

Techniques in Modeling Human Cancer in Mice

Engineering Induced Pluripotent Stem Cells to Model Neurological Diseases

Computational Techniques and Resources for Effective Translational Research in Alzheimer's Disease

Mouse Colony Management: Principles, Practices & Biomethods

Vascular Catheterization in the Laboratory Mouse

Foundational Training in the Laboratory Mouse



JAX.ORG/COURSES

coursesandconferences@jax.org

[@jacksonlab](https://twitter.com/jacksonlab)

[/jacksonlaboratory](https://www.facebook.com/jacksonlaboratory)

[@jaxlab](https://www.instagram.com/jaxlab)

JAX Education