

# 2021

The Jackson Laboratory

# COURSES & WORKSHOPS

## Courses & Hands-On Workshops

Maine Cancer Genomics Initiative (MCGI) Forum\*

Workshop on Long Read Sequencing\*

Systems Immunology in Aging & Complex Diseases\*

Short Course on the Genetics of Addiction\*

Principles & Techniques for Improving Preclinical Translation in Alzheimer's Disease\*

Workshop on Surgical Techniques in the Laboratory Mouse

Workshop on Techniques in Modeling Human Cancer in Mice

The Whole Scientist™\*

Human and Mammalian Genetics and Genomics: The 62nd McKusick Short Course\*

30th Annual Short Course on Experimental Models of Human Cancer\*

Workshop on Stereotaxic Surgery in the Laboratory Mouse

19th Annual Workshop on the Pathology of Mouse Models for Human Disease

Phenotyping Mouse Models of Human Lung Disease

Impacts of Sleep and Circadian Biology on Alzheimer's Disease and Aging\*

Modeling Hearing and Balance Disorders in Mice: The HEar@JAX Workshop

Introduction to Microbial Community Analysis\*

Making & Genetically Manipulating Mouse Embryos

Workshop on Colony Management\* & Biomethods

\*Virtual event or has virtual option

Educational programs at The Jackson Laboratory are designed with a commitment to foster a diverse and inclusive global community of learners and educators. **SCHOLARSHIPS** are made available by funding from the Howard Hughes Medical Institute and the National Institutes of Health. Individuals from groups underrepresented in the biomedical sciences are strongly encouraged to apply.

# BROADEN YOUR HORIZONS

JAX GENOMIC EDUCATION



[jax.org/courses](https://jax.org/courses)

Refer to our website for additional information.  
Contact us at [coursesandconferences@jax.org](mailto:coursesandconferences@jax.org)





# THE JACKSON LABORATORY COURSES & WORKSHOPS

## *About Us*

As part of our mission, The Jackson Laboratory (JAX) organizes and delivers courses, workshops, and meetings in Maine, Connecticut, California, and around the world. Our educational programs are open to researchers at all levels, from advanced undergraduates to senior scientists; many programs also appeal to research personnel, including computational staff, veterinarians, pathologists, and technicians.

Our educational programs create fantastic networking opportunities for participants. Faculty for our programs include prominent scientists from JAX and other world-class institutions, as well as noted physicians and research pioneers, including Nobel Laureates.

## *Our Commitment to Diversity, Equity & Inclusion*

The Jackson Laboratory is committed to expanding the diversity of the biomedical workforce. To this end, the JAX Genomic Education team creates diverse and inclusive educational programs where all students, employees and visitors feel valued and are empowered to participate in our mission to improve human health through genomics research, scientific resources and education. We believe human diversity is an essential ingredient for empowering the global biomedical community, and therefore our programs aim to reflect, embrace and celebrate the diversity of our world.

## *Scholarship Opportunities*

Scholarships funds are available for attendees to help offset registration costs. Preference is given to students, postdoctoral fellows, or junior faculty from underrepresented groups in the biomedical sciences currently enrolled in or working at a United States institution. Scholarships are made possible by grants from the Howard Hughes Medical Institute, National Institutes of Health, foundation awards, and donations to The Jackson Laboratory.

## *Group Rates*

Many of our events offer group pricing on registrations that help support programs to send multiple attendees to virtual and in-person events. Group pricing varies based on event. Please contact [coursesandconferences@jax.org](mailto:coursesandconferences@jax.org) for additional information.

## *Covid-19 Impact*

In response to the Covid-19 (coronavirus) pandemic, we are strengthening our virtual options for many of our courses and workshops. Some of these events will be presented entirely virtually,

while others may be a mix of pre-recorded video lectures and live seminars. For event-specific details, please refer to the event webpage. Certain trainings may be held in person—at limited capacity and with added safety measures—if state travel restrictions and JAX institutional policies permit. Registration fees for in-person events will not be processed until the event is confirmed. Learn more about The Jackson Laboratory's pandemic response efforts at [jax.org/coronavirus-information](http://jax.org/coronavirus-information).

## *Funding Provided By*

The Howard Hughes Medical Institute  
The National Institutes of Health:  
National Institute on Aging  
National Institutes of Child Health and Human Development  
National Cancer Institute  
National Institute on Deafness and Other Communication Disorders  
National Institute on Drug Abuse  
National Institute of General Medical Sciences  
National Institute of Health  
NIH Office of Research Infrastructure Programs  
National Human Genome Research Institute

## *Our Sponsors:*

Agilent Technologies	Lab Diet / Test Diet
BASi	Merck
BioNano Genomics	New England BioLabs
Circulomics	Oxford Nanopore
Clear H <sub>2</sub> O	Pacific Biosciences
Cosmobio	Sage Science
Fine Science Tools	SeqWell
Fisher Scientific	Somark Innovations
Genturi	Stoelting Co.
Hamilton Company	Transnetyx
Karl Storz	Universal Sequencing
Kent Scientific Corporation	Vertex Pharmaceuticals

JAX partners with sponsors to promote the education and training of the next generation of scientists. Partner participation in a JAX Annual Sponsorship Package enables fulfillment of this mission while providing maximum visibility of the sponsor brand. Custom sponsorship opportunities are also available. For more information, or to join the program, please contact Brent Berwin at [brent.berwin@jax.org](mailto:brent.berwin@jax.org) or visit [jax.org/sponsor-courses](http://jax.org/sponsor-courses).

