



Cold Spring Harbor Laboratory
MEETINGS & COURSES

Mouse Development, Stem Cells & Cancer

June 8 – 27, 2022

Beckman Neuroscience Building – Middle Floor

INSTRUCTORS:

Diana Laird
Francesca Mariani

University of San Francisco, San Francisco, CA
University of South California School Los Angeles, CA

CO-INSTRUCTORS:

Steven Vokes
Yojiro Yamanaka

The University of Texas at Austin, Austin TX
McGill University, Montreal, Canada

ASSISTANTS

Jonathan Bayerl
Andrew Chareunsouk
Jade Desjardins
Matthew Ford
Keerthana Harwalkar
Hyunji Lee
Shuwan Liu
Jesse Mager
Janani Ramachandran
Stephanie Smith-Berdan

University of California San Francisco, San Francisco CA
University of Southern California, Los Angeles, CA
McGill University, Montreal, Canada
McGill University, Montreal, Canada
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University of Texas at Austin, Austin TX
University of Southern California, Los Angeles, CA
University of Massachusetts, Amherst MA -
University of Texas at Austin, Austin TX
University of California Santa Cruz, Santa Cruz CA

PARTICIPANTS

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Eman Thabet
Jitao Zhang

McGill University Health Centre, Montreal, Canada
King's College London, London, United Kingdom
Baylor College of Medicine, Houston TX
University of Goettingen, Goettingen, Germany
University of California San Francisco, San Francisco CA
University of Western Ontario, London, Canada
Medical University of South Carolina, Charleston SC
University of Iceland, Reykjavík, Iceland
Yale University, New Haven CT
McGill University Montreal, Canada
Uppsala University, Uppsala, Sweden
Harvard University, Cambridge MA
Montreal Clinical Research Institute, Montréal, Canada
University of Kentucky, Lexington KY
Alexandria University, Alexandria, Egypt
Wayne State University, Detroit MI



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Wed June 8 9:00am	Steve Vokes, University of Texas at Austin, Austin, TX Francesca Mariani University of Southern California Los Angeles CA “Overview of Mouse Development”
7:00pm	Richard Behringer, UT MD Anderson Cancer Center, Houston TX “Transgenic Mice Overview and Developmental genetics of vertebrate reproductive organ differentiation”
Thu June 9 7:00 pm	Jesse Mager, University of Massachusetts, Amherst MA “Epigenetic regulation of genomic imprinting during early development. Part 2: IMPC and streamline assessment of early lethal phenotypes”
Fri June 10 7:00 pm	Richard Behringer UT MD Anderson Cancer Center Houston TX “Phenotyping workshop”
Sat June 11 9:00am	Yojiro Yamanaka McGill University Montreal, Canada “Preimplantation development and ovarian cancer”
7:00pm	Kat Hadjantonakis, MSKCC, New York NY “Imaging at the cutting edge: Visualizing cell states and behaviors in mouse embryos”
Sun June 12 9:00am	Camilla Forsberg University of California Santa Cruz Santa Cruz CA “Blood for life”
7:00pm	Brigid Hogan, Duke University Medical Center Durham NC “History of the mouse”
Mon June 13 9:00am	Mikala Egeblad Cold Spring Harbor Laboratory, Cold Spring Harbor, NY “Seeing tumors in context: using microscopy to study tumor-host interactions” Steven Vokes The University of Texas at Austin Austin TX “Transcriptional interpretation of Hedgehog signaling”
Tue June 14 9:00am	Marie Kmita, Institut de Recherches Cliniques de Montreal Montreal “Hox genes and limb development”



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7:00pm	Can Cenik The University of Texas at Austin Austin TX “Single cell quantification of ribosome occupancy in early mouse development”
Wed June 15 9:00am	Steven Munger The Jackson Laboratory Bar Harbor ME “Opportunities and Limits in the 21st Century Mouse Model System”
Wed June 15 7:00pm	Danelle Devenport Princeton University Princeton NJ “Patterning morphogenesis in the mouse epidermis”
Thu June 16 9:00am	Natasza Kurpios Cornell University Ithaca NY “Adventures in Left-Right Asymmetry: New Paradigms Driving Pitx2-dependent Organogenesis”
7:00pm	Diana Laird, University of San Francisco, San Francisco, CA “Lineage and Fate in the Germline”
Fri June 17 9:00am	Francesca Mariani, University of South California School Los Angeles, CA “Using mouse models to study skeletal stem cells”
7:00pm	George Yancopoulos Regeneron Pharmaceuticals, Inc. Tarrytown NY “Regeneron: Building A Better Biotech Company, On A Foundation of Mouse Genetics”
Mon June 20 9:00am	Sean Morrison Children's Research Institute, UT Southwestern Dallas TX “Stem Cells”
7:00pm	Paul Trainor Stowers Institute for Medical Research Kansas City MO “Neural crest cells and their fundamental roles in development, evolution and disease”
Tue June 21 9:00am	J. Antonio Enriquez Spanish National Centre for Cardiovascular Research Madrid “Mitochondrial DNA Variability in Mouse Physiology”
7:00pm	Cristina Cebrian Cincinnati Children's Hospital Medical Center Cincinnati OH “An overview of the mechanisms driving kidney organogenesis”
Wed June 22 9:00am	Samantha Brugmann Cincinnati Children's Hospital Medical Center Cincinnati OH “Craniofacial development and disease”
7:00pm	Matthew Anderson NCI-Frederick Frederick MD “HCR Workshop”



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Thu June 23 9:00am	Francesca Cole University of Texas MD Anderson Cancer Center Houston TX “Age-dependent alterations in chromosome structure and recombination cause aneuploidies in mammalian meiosis”
7/00pm	John Inglis, Cold Spring Harbor Laboratory Press “Preprints in Biology and Medicine”
Fri June 24 9:00am	Alexandra Joyner, Memorial Sloan Kettering Cancer Center, New York NY “Impact of interplay amongst cells on cerebellum development, repair and cancer”
7:00pm	Alexandra Joyner, Memorial Sloan Kettering Cancer Center, New York NY “Intersectional allele workshop”