



# Cold Spring Harbor Laboratory 2025 Meetings & Courses

## Meetings

meeting dates / abstracts due

### Probabilistic Modeling in Genomics

March 5 - 8 / January 10  
Sara Mathieson, Daniel Schrider, Adam Siepel

### Network Biology

March 11 - 15 / January 10  
Pedro Beltrao, Fritz Roth, Roded Sharan, Jolanda van Leeuwen

### Nucleic Acid Therapies

March 19 - 22 / January 17  
Shalini Andersson, Steven Dowdy, Anastasia Khvorova, Muthiah (Mano) Manoharan

### Cancer Genetics: History & Consequences

March 26 - 29 / January 31  
Suzanne Cory, Mila Pollock, Louis Staudt, Harold Varmus

### Ubiquitins, Autophagy & Disease

April 1 - 5 / January 17  
Anne Bertolotti, Nicolas Thomä, Achim Werner

### Brain Barriers

April 8 - 12 / January 24  
Ayal Ben-Zvi, Caroline Menard, Julie Siegenthaler, Joy Zuchero

### Systems Immunology

April 22 - 26 / January 31  
Menna Clatworthy, Alexander Hoffmann, Kathryn Miller-Jensen, Shai Shen-Orr

### Telomeres & Telomerase

April 29 - May 3 / February 7  
Peter Baumann, Eros Lazzarini Denchi, Deborah Wuttke

### Biology of Genomes

May 6 - 10 / February 14  
Tuuli Lappalainen, Matthew Meyerson, Aaron Quinlan, Jenny Tung

### Mechanisms of Metabolic Signaling

May 13 - 17 / February 21  
Bart Deplancke, Deborah Muoio, Kathryn Wellen

### Retroviruses

May 19 - 24 / February 28  
Florence Margottin-Goguet, Gregory Melikian

### 89th Symposium: Senescence & Aging

May 28 - June 1 / March 7  
Terri Grodzicker, David Stewart, Bruce Stillman

### Genomic Data Science and Beyond with *Galaxy & Bioconductor*\*

June 23 - 26 / April 4 \* *Adjunct Meeting*  
Enis Afgan, Vincent Carey, Jenny Drevich, Michael Love, Anton Nekrutenko, Michael Schatz

### Advances in Brain Tumor Research & Therapy

July 17 - 20 / April 25  
Eric Holland, Sadhan Majumder, Alea Mills, Patrick Wen

### Genome Engineering: CRISPR Frontiers

August 12 - 16 / May 23  
Brittany Adamson, Maria Jasin, Kiran Musunuru, Samuel Sternberg

### Eukaryotic mRNA Processing

August 19 - 23 / May 30  
Javier Caceres, Tracy Johnson, Yongsheng Shi

### Mechanisms of Eukaryotic Transcription

August 26 - 30 / June 6  
Wendy Bickmore, Eva Nogales, Joanna Wysocka

### Eukaryotic DNA Replication & Genome Maintenance

September 2 - 6 / June 13  
John Diffley, Bob Duronio, Agata Smogorzewska

### Microbial Pathogenesis & Host Response

September 8 - 12 / June 20  
Melanie Hamon, Anita Sil, Victor Torres

### Biology of Cancer: Microenvironment & Metastasis

September 16 - 20 / June 27  
Cory Abate-Shen, Alec Kimmelman, Valerie Weaver

### Cell Fate Conversions

September 24 - 27 / July 7  
Magdalena Götz, Thomas Graf, Deepak Srivastava

### Neurobiology of *Drosophila*

October 7 - 11 / July 21  
Adrian Moore, Pelin Volkan

### Immune Engineering & Cellular Immunotherapy

October 28 - 31 / August 15  
Catherine Bollard, Sidi Chen, Hongbo Chi, Neville Sanjana

### Genome Informatics

November 5 - 8 / August 22  
Zamin Iqbal, Ben Langmead, Camille Marchet

### Single Cell Analyses

November 12 - 15 / August 29  
Junhyong Kim, Tatjana Sauka-Spengler, Aaron Streets

### Zebrafish Neurobiology

November 19 - 22 / September 5  
Katie Kindt, Alexander Schier, Caroline Wee

### Plant Genomes, Systems Biology & Engineering

December 3 - 6 / September 12  
Becky Bart, Elizabeth Sattely, Cyril Zipfel

### Assembloids & Complex Cell-Cell Interactions

December 8 - 11 / September 19  
Christine Mummery, Sergiu Pasca, Sally Temple

## Courses

course dates / applications due

### Methods in Cancer Neuroscience

March 3 - 19 / December 6  
Moran Amit, Jeremy Borniger, Ece Eksi, Paola (Pay) Vermeer

### Cryo-Electron Microscopy

March 5 - 19 / January 6  
Jennifer Cash, Justin Kollman, Gabriel Lander

### Quantitative Imaging: From Acquisition to Analysis

March 24 - April 8 / January 31  
Beth Cimini, Hunter Elliott, Florian Jug, Talley Lambert, Jennifer Waters

### Cell & Developmental Biology of *Xenopus*:

#### Gene Discovery & Disease

March 25 - April 8 / January 31  
Rachel Miller, Peter Walentek

### Expression, Purification & Analysis of Proteins & Protein Complexes

March 25 - April 8 / January 31  
Michael Marr, Sergei Nechaev, Calla Olson, Andrew Quigley

### Tutorials in Genomics & Bioinformatics: RNA-Seq Analysis

May 11 - 13 / no application, rolling admission  
Delphine Fagegaltier, Emily Hodges, Benjamin King, Steven Munger

### Advanced Bacterial Genetics

June 2 - 22 / March 1  
Marc Erhardt, Stefan Pukatzki, Jue (Jade) Wang

### Ion Channels in Synaptic & Neural Circuit Physiology

June 2 - 22 / March 1  
Teresa Giráldez, Christine Grienberger, Ede Rancz, Annalisa Scimemi, Nicolas Wanaverbecq

### Mouse Development, Stem Cells & Cancer

June 2 - 22 / March 1  
Danelle Devenport, Loydie Jerome-Majewska

### Pancreatic Cancer

June 3 - 10 / March 1  
Michael Hollingsworth, Kenneth Olive, Marina Pasca di Magliano, Ben Stanger

### Statistical Analysis of Genome Scale Data

June 6 - 20 / March 1  
Harmen Bussemaker, Sean Davis, Hans Rube, Min Zhang

### Metabolomics

June 6 - 22 / March 1  
Justin Cross, Eyal Gottlieb

### Vision: A Platform for Linking Circuits, Behavior & Perception

June 12 - 28 / March 1  
Joseph Carroll, Kristina Nielsen

### Advanced Techniques in Molecular Neuroscience

June 26 - July 12 / March 15  
Anne Schaefer, Debra L. Silver

### Single Cell & Spatial Transcriptomics Analysis

June 26 - July 14 / March 15  
Luciano Martelotto, Nicholas Navin, Julea Vlassakis

### *Drosophila* Neurobiology: Genes, Circuits & Behavior

June 26 - July 17 / March 15  
Robert Carrillo, Tania Reis, Jens Rister

### Frontiers & Techniques in Plant Science

June 26 - July 17 / March 15  
Emmanuelle Bayer, Siobhan Brady, Sharon Kessler

### Neural Data Science

July 7 - 21 / March 15  
Hadas Benisty, Mark Reimers, Yujiao (Jennifer) Sun, Pascal Wallisch

### Autism Spectrum Disorders

July 22 - 29 / March 31  
Daniele Fallin, James McPartland, Sergiu Pasca, Jeremy Veenstra-Vander Weele

### Synthetic Biology

July 22 - August 5 / March 31  
Christian Cuba Samaniego, Leopold Green, Karmella Haynes, Chelsea Hu

### Chromatin, Epigenetics & Gene Expression

July 22 - August 10 / March 31  
Jill Downen, Michael Guertin, Aaron Johnson, Marc Mendillo

### Imaging Structure & Function in the Nervous System

July 22 - August 12 / March 31  
Adam Charles, Hod Dana, Elizabeth Hillman, Ruben Portugues

### Yeast Genetics & Genomics

July 22 - August 12 / March 31  
Grant Brown, Soni Lacefield, Gregory Lang

### Neuroscience of Addiction

July 29 - August 5 / March 31  
David Belin, Christopher Evans, Hedy Kober, Mark von Zastrow

### Bench to Biotech

August 5 - 12 / March 31  
Valerie Huang, Ian Peikon, Nancy Thornberry

### Proteomics

August 5 - 19 / March 31  
Robert Chalkley, Chad Weisbrod, Cassandra Wong

### Macromolecular Crystallography

October 12 - 28 / July 15  
Paul Adams, Dorothee Liebschner, Janet Newman, James Pflugrath

### Programming for Biology

October 12 - 28 / July 15  
Simon Prochnik, Sofia Robb

### Antibody Engineering & Display Technologies

October 14 - 28 / July 15  
Gregg Silverman, Gianluca Veggiani

### High Throughput Neuroanatomy

October 16 - 28 / July 15  
Xiaoyin Chen, Laura DeNardo, Justus Keschull

### Tutorials in Genomics & Bioinformatics

November 9 - 11 / no application, rolling admission  
Delphine Fagegaltier, Emily Hodges, Benjamin King, Steven Munger

### Advanced Sequencing Technologies & Bioinformatics Analysis

November 9 - 22 / August 15  
Felicia Gomez, Malachi Griffith, Obi Griffith, Elaine Mardis, W. Richard McCombie

### Scientific Writing Retreat

November 10 - 15 / August 15  
Marie Bao, Jaclyn Jansen, Stephen Matheson, Matthew Pavlovich, Cheri Sirois

### Computational Genomics

December 2 - 10 / August 15  
David Hawkins, Danny Miller, Lauren Mills

The 2024 Chromatin, Epigenetics & Gene Expression Course taking a break on the Chirsteen off the Cold Spring Harbor Laboratory Beach

meetings.cshl.edu



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photo and poster by Drew Mendelsohn