



# Cold Spring Harbor Laboratory 2017 Meetings & Courses

## Meetings

### Systems Biology: Global Regulation of Gene Expression

February 26 - March 2 abstracts due December 16  
Barak Cohen, Christina Leslie,  
Bas Van Steensel, Julia Zeitlinger

### Systems Biology: Networks

March 14 - 18 abstracts due January 6  
Pascal Falter-Braun, Suzanne Gaudel, Ben Lehner, Chad Myers

### RNA & Oligonucleotide Therapeutics

March 29 - April 1 abstracts due January 13  
Anniekie Aartsma-Rus, Matthew Levy,  
Melissa Moore, Laura Sepp-Lorenzino

### Wiring the Brain

April 4 - 8 abstracts due January 20  
Danielle Bassett, Joshua Gordon, Josh Huang, Kevin Mitchell

### Cellular Dynamics & Models

April 11 - 14 abstracts due January 27  
James Faeder, Jennifer Lippincott-Schwartz,  
Ed Munro, Vito Quaranta

### The Ubiquitin Family

April 18 - 22 abstracts due January 27  
Ronald Hay, Michael Rape, Cynthia Wolberger

### Fundamental Immunology & Its Therapeutic Potential

April 25 - 29 abstracts due February 3  
James Allison, Eric Pamer, Fiona Powrie, Stephen Smale

### Telomeres & Telomerase

May 2 - 6 abstracts due February 10  
Steven Artandi, Julia Cooper, Roger Reddel

### The Biology of Genomes

May 9 - 13 abstracts due February 17  
Michel Georges, Matthew Hurles,  
Dana Pe'er, Jonathan Pritchard

### Mechanisms of Metabolic Signaling

May 16 - 20 abstracts due February 24  
Mitchell Lazar, Susanne Mandrup, Jared Rutter

### Retroviruses

May 22 - 27 abstracts due March 3  
Vinay Pathak, Stefan Sarafianos

### 82nd Symposium: Chromosome Segregation & Structure

May 31 - June 5 abstracts due March 15  
Terri Grodzicker, David Stewart, Bruce Stillman

### Genome Engineering: The CRISPR/Cas Revolution

July 21 - 24 abstracts due May 5  
Jennifer Doudna, Maria Jasin,  
Stanley Lei Qi, Jonathan Weissman

### Cell Death

August 15 - 19 abstracts due May 26  
David Andrews, Anthony Letai, Karen Vousden

### Eukaryotic mRNA Processing

August 22 - 26 abstracts due June 6  
Jean Beggs, Alberto Kornblith, Jens Lykke-Andersen

### Mechanisms of Eukaryotic Transcription

August 29 - September 2 abstracts due June 9  
Patrick Cramer, John Lis, Jane Mellor

### Eukaryotic DNA Replication & Genome Maintenance

September 5 - 9 abstracts due June 16  
Karlene Cimprich, Anne Donaldson, Anindya Dutta

### Microbial Pathogenesis and Host Response

September 12 - 16 abstracts due June 23  
Denise Monack, Raphael Valdivia, Malcolm Whiteway

### AnneXins

September 17 - 20 abstracts due June 30  
Katherine Hajjar, Jacob Rand, Laura Santambrogio

### Stem Cell Biology

September 25 - 29 abstracts due July 7  
Fiona Watt, Marius Wernig, Kenneth Zaret

### Neurobiology of *Drosophila*

October 2 - 7 abstracts due July 14  
Heather Brohmer, J. Troy Littleton

### Biology of Cancer: Microenvironment & Metastasis

October 10 - 14 abstracts due July 21  
Scott Lowe, Senthil Muthuswamy, M. Celeste Simon

### Forty Years of RNA Splicing: From Discovery to Therapeutics

October 22 - 24  
Mila Pollock, Phillip Sharp, Joan Steitz

### Genome Informatics

November 1 - 4 abstracts due August 18  
Janet Kelso, Aaron Quinlan, Melissa Wilson Sayres

### Single Cell Analyses

November 8 - 11 abstracts due August 25  
Nancy Albritton, Scott Fraser, Junhyong Kim

### STATs: Importance in Basic & Clinical Cancer Research

November 15 - 18 abstracts due September 1  
James Darnell, David Levy, Valeria Poli, George Stark

### Plant Genomes & Biotechnology

November 29 - December 2 abstracts due September 15  
David Jackson, Todd Mockler, Jane Parker, Sue Rhee

For more information: [meetings.cshl.edu](http://meetings.cshl.edu)

Cold Spring Harbor Laboratory Sandpit, with the Laboratory appearing in the background through a frequent warm October morning fog.

## Courses

### Cell & Developmental Biology of *Xenopus*

March 29 - April 11  
Mustafa Khokha, Karen Liu

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

March 29 - April 11  
Albert Courney, Sue-Hwa Lin, Michael Marr, Sergel Nechaev

### Quantitative Imaging: From Acquisition to Analysis

March 29 - April 11  
Hunter Elliott, Jennifer Waters

### Workshop on Pancreatic Cancer

June 6 - 11  
Dafna Bar-Sagi, Howard Crawford,  
Tony Hollingsworth, David Tuveson

### Advanced Bacterial Genetics

June 6 - 26  
Lionello Bossi, Andrew Camilli, Angelika Grundling

### Ion Channels in Synaptic and Neural Circuit Physiology

June 6 - 26  
Tiago Branco, Ian Duguid, Christoph Schmidt-Hieber

### Mouse Development, Stem Cells & Cancer

June 7 - 26  
Benjamin Allen, Amy Ralston

### Metabolomics

June 10 - 26  
Amy Caudy, Eyal Gottlieb, Adam Rosebrock

### Vision: Linking Circuits, Perception and Behavior

June 15 - 29  
Farrah Briggs, Andrew Huberman

### Single Cell Analysis

June 30 - July 13  
David Chenoweth, Amy Herr, Michael McConnell, Gene Ye

### Statistical Methods for Functional Genomics

June 30 - July 13  
Harmen Bussemaker, Sean Davis,  
Rafael Irizarry, Tuuli Lappalainen

### Advanced Techniques in Molecular Neuroscience

June 30 - July 15  
Cary Lai, Joseph LoTurco, Anne Schaefer

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

June 30 - July 20  
Karla Kaun, Alex Keene, Chi-Hon Lee, Stefan Pulver

### Frontiers in Techniques in Plant Science

June 30 - July 20  
Sean Cutler, Uta Paszkowski, Nicholas Provart

### Neural Data Analysis

July 15 - 28  
Mark Reimers, Pascal Wallisch

### Synthetic Biology

July 25 - August 7  
Chase Beisel, Elisa Franco,  
Vincent Noireaux, Lauren Woodruff

### Chromatin, Epigenetics and Gene Expression

July 25 - August 14  
Karen Adelman, Luciano Di Croce,  
Geeta Narlikar, Ali Shilatifard

### Imaging Structure & Function in the Nervous System

July 25 - August 14  
Florin Albeanu, Michael Orger, Lucy Palmer, Philbert Tsai

### Yeast Genetics & Genomics

July 25 - August 14  
Grant Brown, Maitreya Dunham, Elcin Unal

### Workshop on Autism Spectrum Disorders

July 31 - August 6  
James McPartland, Sergiu Pasca,  
Jeremy Veenstra-Vander Weele

### Proteomics

August 1 - 14  
Ileana Cristea, Katalin Medzihradsky, Darryl Pappin

### Cellular Biology of Addiction

August 8 - 14  
David Belin, Christopher Evans, Brigitte Kieffer

### Programming for Biology

October 16 - 31  
Simon Prochnik, Sofia Robb

### X-Ray Methods in Structural Biology

October 16 - 31  
William Furey, Gary Gilliland, Alexander McPherson,  
Tassos Perrakis, James Pilgrath

### Antibody Engineering, Phase Display & Immune Repertoire Analysis

October 17 - 30  
Don Siegel, Gregg Silverman

### Advanced Sequencing Technologies & Applications

November 7 - 18  
Malachi Griffith, Obi Griffith, Elaine Mardis,  
Richard McCombie, Aaron Quinlan

### Computational & Comparative Genomics

November 29 - December 6  
Aaron Mackey, William Pearson, Lisa Stubbs, James Taylor

### The Genome Access Course

March 13 - 15, November 13 - 15  
Assaf Gordon, Emily Hodges, Benjamin King, Steven Mungier

### Professional Development:

#### Workshop on Leadership in Bioscience

March 24 - 27  
Carl Cohen, Suzanne Cohen

#### Scientific Writing Retreat

November 15 - 19  
Charla Lambert, Stephen Matheson

For more information: [meetings.cshl.edu](http://meetings.cshl.edu)

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