## Cold Spring Harbor Laboratory 2018 Meetings & Courses

## Meetings

Systems Biology: Global Regulation of Gene Expression March 20 - 23 abstracts due January 12 Barak Cohen, Katherine Pollard, Bas Van Steensel, Julia Zeitlinger

The PARP Family & ADP-ribosylation April 3 - 6 abstracts due January 19 Michael Hottiger, W. Lee Kraus, Susan Smith

Neuronal Circuits April 11 - 14 abstracts due January 26 Florian Engert, Fritjof Helmchen, Kristin Scott

Protein Homeostasis in Health & Disease April 17 - 21 abstracts due February 2 Judith Frydman, F. Ulrich Hartl, Harm Kampinga, Richard Morimoto

Gene Expression and Signaling in the Immune System April 24 - 28 abstracts due February 9 Diane Mathis, Stephen Nutt, Alexander Rudensky, Art Weiss

**Nuclear Organization & Function** May 1 - 5 abstracts due February 16 Edith Heard, Martin Hetzer, Tom Misteli, David Spector

**Biology & Genomics of Social Insects** May 5 - 8 abstracts due February 23 Sarah Kocher, Seirian Sumner, Amro Zaved

The Biology of Genomes May 8 - 12 abstracts due February 23 Matthew Hurles, Elaine Ostrander, Dana Pe'er, Jonathan Pritchard

Regulatory & Non-Coding RNAs May 15 - 19 abstracts due March 2 Elisa Izaurralde, Nicholas Proudfoot, Erik Sontheimer

Retroviruses May 21 - 26 abstracts due March 9 Theodora Hatziioannou, Walther Mothes

**Brains & Behavior:** Order & Disorder in the Nervous System May 30 - June 4 abstracts due March 16 David Stewart, Bruce Stillman

Glia in Health & Disease July 19 - 23 abstracts due May 4 Nicola Allen, Kelly Monk

Mechanisms & Models of Cancer August 14 - 18 abstracts due May 25 Martin McMahon, Benjamin Neel, Karen Vousden, Eileen White

Genome Engineering: The CRISPR/Cas Revolution August 22 - 25 abstracts due June 1 Jennifer Doudna, Maria Jasin, Stanley Lei Qi, Jonathan Weissman

**Single Biomolecules** August 28 - September 1 abstracts due June 8 Jennifer Lippincott-Schwartz, Robert Singer, Robert Tijan



## Courses

Cryoelectron Microscopy March 1 - 14 Justin Kollman, Gabriel Lander, Melanie Ohi, David Veesler

Cell & Developmental Biology of *Xenopus* April 4 - 17 Mustafa Khokha, Karen Liu

Expression, Purification & Analysis of Proteins & **Protein Complexes** April 4 - 17 Albert Courey, Sue-Hwa Lin, Michael Marr, Sergei Nechaev

Quantitative Imaging: From Acquisition to Analysis April 4 - 17 Hunter Elliott, Suliana Manley, Jennifer Waters

**Advanced Bacterial Genetics** June 5 - 25 Lionello Bossi, Andrew Camilli, Angelika Grundling

Ion Channels in Synaptic and Neural Circuit Physiology June 5 - 25 Tiago Branco, Christoph Schmidt-Hieber, Annalisa Scimemi, Nicolas Wanaverbecq

Workshop on Schizophrenia & Related Disorders June 6 - 13 Anissa Abi-Dargham, Jeremy Hall, Akira Sawa

Mouse Development, Stem Cells & Cancer June 6 - 25 Benjamin Allen, Amy Ralston

Metabolomics June 9 - 25 Amy Caudy, Justin Cross, Adam Rosebrock

Statistical Methods for Functional Genomics June 29 - July 12 Harmen Bussemaker, Sean Davis, Tuuli Lappalainen, Michael Love

Advanced Techniques in Molecular Neuroscience June 29 - July 14 Cary Lai, Joseph LoTurco, Anne Schaefer

Single Cell Analysis June 29 - July 14 David Chenoweth, Michael McConnell, Gene Yeo

Frontiers & Techniques in Plant Science June 29 - July 19 Sean Cutler, Jose Dinneny, Uta Paszkowski

Computational Neuroscience: Vision July 9 - 22 Geoffrey Boynton, Marlene Cohen, **Gregory Horwitz, Jonathan Pillow** 

Synthetic Biology July 24 - August 6

July 24 - August 12

Imaging Structure & Function in the Nervous System July 24 - August 13 Florin Albeanu, Michael Orger, Lucy Palmer, Philbert Tsai

**Sponsors** Major Program Support Helmsley Charitable Trust, Howard Hughes Medical Institute, National Institutes of Health, National Science Foundation Corporate Benefactor Regeneron Corporate Sponsors Agilent Technologies, Bristol-Myers Squibb Company, Calico Labs, Celgene, Genentech, Inc., Thermo Fisher Scientific, Merck, Monsanto Company, New England BioLabs, Pfizer Corporate Partners Alexandria Real Estate, Gilead Sciences, Novartis Institutes for Biomedical Research, Sanofi

**Translational Control** September 4 - 8 abstracts due June 15 Thomas Dever, Rachel Green, Davide Ruggero

**Epigenetics & Chromatin** September 11 - 15 abstracts due June 22 Shelley Berger, Kristian Helin, Yang Shi

Molecular Mechanisms of Neuronal Connectivity September 25 - 29 abstracts due July 6 Linda Richards, Peter Scheiffele, Kang Shen, Yimin Zou

Mechanisms of Aging October 1 - 5 abstracts due July 13 Vera Gorbunova, Malene Hansen, Scott Pletcher

**Germ Cells** October 9 - 13 abstracts due July 20 David Page, Yukiko Yamashita

Nutrient Signaling October 25 - 28 abstracts due August 3 Anne Brunet, Navdeep Chandel, David Sabatini, Lloyd Trotman

**Transposable Elements** November 1 - 4 abstracts due August 10 Robert Martienssen, Phoebe Rice, Donald Rio

**Probabilistic Modeling in Genomics** November 4 - 7 abstracts due August 17 Gerton Lunter, Molly Przeworski, Adam Siepel

**Biological Data Science** November 7 - 10 abstracts due August 17 Christina Curtis, Barbara Engelhardt, Jeff Leek, Michael Schatz

Neurodegenerative Diseases: Biology & Therapeutics November 28 - December 1 abstracts due September 14 Richard Ransohoff, Scott Small, John Trojanowski, Li-Huei Tsai

## for further info: meetings.cshl.edu

Drosophila Neurobiology: Genes, Circuits & Behavior June 29 - July 19 C. Andrew Frank, Ellie Heckscher, Alex Keene

James Chappell, John Dueber, Elisa Franco, Karmella Haynes Chromatin, Epigenetics and Gene Expression

Karen Adelman, Luciano Di Croce, Marc Mendillo, Geeta Narlikar

Yeast Genetics & Genomics July 24 - August 13 Grant Brown, Gregory Lang, Elcin Unal

Cellular Biology of Addiction (Cambridge, UK) July 29 - August 5 David Belin, Antonello Bonci, Christopher Evans, Brigitte Kieffer

Genetics & Neurobiology of Language July 30 - August 5 Simon Fisher, David Poeppel, Kate Watkins

**Brain Tumors** August 7 - 13 Priscilla Brastianos, Mark Gilbert, Sadhan Majumder

Proteomics August 7 - 21 Giselle Knudsen, Katalin Medzihradszky, Darryl Pappin

Programming for Biology October 15 - 30 Simon Prochnik, Sofia Robb

A warm October Day at Cold Spring Harbor Laboratory

X-Ray Methods in Structural Biology October 15 - 30 Paul Adams, William Furey, Alexander McPherson, Tassos Perrakis, James Pflugrath

Advanced Sequencing Technologies & Applications November 6 - 18 Malachi Griffith, Obi Griffith, Elaine Mardis, Richard McCombie, Aaron Quinlan

**Computational Genomics** November 28 - December 5 Aaron Mackey, William Pearson, Lisa Stubbs, James Taylor

The Genome Access Course March 26 - 28, September 23 - 25 Delphine Fagegaltier, Emily Hodges, Benjamin King, Steven Munger

**Professional Development:** 

Workshop on Leadership in Bioscience March 23 - 26 Carl Cohen, Suzanne Cohen

Scientific Writing Retreat November 14 - 18 Charla Lambert, Stephen Matheson



