# 87th Cold Spring Harbor Laboratory Symposium on Quantitative Biology

# Image: Constrained state stat

# Stem Cells

# May 31 - June 4, 2023

Poster abstract deadline: March 10, 2023

## **Organizers:**

Terri Grodzicker, David Stewart & Bruce Stillman Cold Spring Harbor Laboratory

# **Topics:**

Germ Cells Embryonic & Trophoblast Stem Cells Early Embryo Including Retrotransposons Differentiation & Reprogramming Epigenetics Organ Stem Cells Hematopoietic/Immune System Neural Stem Cells Adult Stem Cells/Regeneration Cancer Stem Cells

Induced Pluripotent Stem Cells Organoids & Multicellular Organoids Disease Models Clinical Therapies



### **Invited Speakers:**

Arturo Alvarez-Buylla, UCSF Weill Institute for Neurosciences Philip Benfey, Duke University & HHMI Bradley Bernstein, Dana-Farber Cancer Institute & Harvard Medical School Benoit Bruneau, Gladstone Institutes Bradley Cairns, Huntsman Cancer Institute John Dick, University Health Network, Canada Cedric Feschotte, Cornell University Elaine Fuchs, HHMI, The Rockefeller University Fred (Rusty) Gage, The Salk Institute for Biological Studies Margaret Goodell, Baylor College of Medicine Magdalena Götz, Ludwig-Maximilians-Universitat Munchen, Germany Rana Gupta, Duke University Jacob Hanna, Weizmann Institute of Science, Israel Konrad Hochedlinger, Massachusetts General Hospital Meritxell Huch, Max Planck Institute of Mol Cell Bio & Genetics, Germany Ryoichiro Kageyama, RIKEN Center for Brain Science, Japan Juergen Knoblich, Institute of Molecular Biology of the Austrian Academy of Science, Austria Zach Lippman, Cold Spring Harbor Laboratory Christian Mayer, National Cancer Institute Guo-li Ming, University of Pennsylvania Sean Morrison, UT Southwestern Medical Center Christine Mummery, Leiden University Medical Center, The Netherlands

Ryuichi Nishinakamura, Kumamoto University, Japan Michelle Percharde, Imperial College London, United Kingdom Nicolas Plachta, University of Pennsylvania, Perelman School of Medicine Boris Reizis, NYU Langone Health Nicolas Rivron, Institute of Molecular Biotechnology, Austria Ellen Rothenberg, California Institute of Technology Mitinori Saitou, Graduate School of Medicine, Kyoto University, Japan Alejandro Sanchez Alvarado, Stowers Institute for Medical Research / HHMI Anne Schaefer, Icahn School of Medicine at Mount Sinai Patrick Seale, University of Pennsylvania, Perelman School of Medicine Stephen Smale, University of California, Los Angeles Nancy Speck, University of Pennsylvania, Pereleman School of Medicine Lorenz Studer, Memorial Sloan Kettering Cancer Center Takanori Takebe, Cincinatti Children's Hospital Elly Tanaka, Research Institute of Molecular Pathology Austria Maria-Elena Torres-Padilla, Institute of Epigenetics & Stem Cells, Germany David Tuveson, Cold Spring Harbor Laboratory Timothy Wang, Colunbia University Irving Weissman, Stanford University James Wells, Cincinnati Children's Hospital Joanna Wysocka, Stanford University Kenneth Zaret, University of Pennsylvania, Perelman School of Medicine Magdalena Zernicka-Goetz, Caltech & University of Cambridge, UK Leonard Zon, Boston Children's Hospital/HHMI



Image: Cytoskeletal organization in the blastocyst Credit: Robin Skory, Nicolas Plachta Poster: Meredith Cassuto