

- The online source of trusted techniques in molecular and cell biology
- Contains new and classic protocols presented step-by-step with cautions and troubleshooting
- Frequently updated and annotated
- Interactive, customizable, and fully searchable

The development of *Cold Spring Harbor Protocols* is a response to requests from scientists for authoritative information about techniques with a broad editorial scope, delivered through a state-of-the-art online interface. At this site, you will find methods from *Molecular Cloning* along with selected protocols from many of our best-selling manuals, such as *Cells* and *Antibodies*, as well as protocols from Cold Spring Harbor's renowned on-site courses. In addition, you will discover new cutting-edge protocols submitted by and commissioned from laboratories worldwide. A peer-reviewed online journal, *Cold Spring Harbor Protocols* is updated monthly.

Features include:

- Step-by-step, uniformly structured formats for ease of use and printing, with clearly linked materials, cautions, recipes, and troubleshooting
- Customizable, topic-based e-mail alerts for the latest updates in a particular field
- Personal folders for storing favorite protocols and searches
- Navigation tools including a specifically designed taxonomy for browsing and a variety of full-text search options
- A kit search tool for fast access to time-saving resources
- An online manuscript submission system for authors to contribute new protocols

Featured in *Cold Spring Harbor Protocols*:

 **Emerging Model Organisms**, a full-fledged guide to the use of new model systems covering husbandry, genetics, genomics and basic protocols.

**Cold Spring Harbor Protocols—More Than Just Methods.**

Visit [www.cshprotocols.org](http://www.cshprotocols.org) for more details on features, subscriptions, and manuscript submission.

**SUBJECT COVERAGE**

Antibodies	Emerging Model Organisms	Neuroscience
Bioinformatics / Genomics	Genetics	Plant Biology
Cell Biology	High-Throughput Analysis	Polymerase Chain Reaction (PCR)
Chromatography	Imaging / Microscopy	Proteins and Proteomics
Computational Biology	Immunology	RNA Interference (RNAi) / siRNA
DNA Delivery / Gene Transfer	Laboratory Organisms	Stem Cells
Electrophoresis	Molecular Biology	Transgenic Technology

• Available exclusively via institutional site license • ISSN: 1559-6095 / online, monthly

Visit [www.cshprotocols.org](http://www.cshprotocols.org) for more information.

**SIGN UP FOR A FREE TRIAL!**



[www.cshprotocols.org](http://www.cshprotocols.org)

**About Cold Spring Harbor Laboratory**

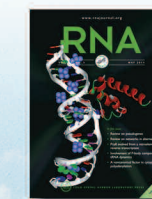
Established more than a century ago, Cold Spring Harbor Laboratory, New York, is a private, nonprofit, basic research and educational institution. More than 400 CSHL scientists conduct groundbreaking research in cancer, neurobiology, plant genetics, and bioinformatics that have won numerous awards and honors, including two Nobel Prizes. The Laboratory is also recognized internationally for professional training programs that bring more than 8000 scientists to its campus each year, innovative graduate education, and outreach that enhances K-12 education and the public understanding of science.

**About Cold Spring Harbor Laboratory Press**

From its beginnings in 1933 as an initiative to publish an Annual Symposium in Quantitative Biology, Cold Spring Harbor Laboratory Press is now an internationally recognized science publisher. The largest of the Laboratory's five education divisions, the Press provides financial and mission support through publications that inspire and train scientists, educate students, and explain science to the public. It currently publishes more than 200 books, six research journals, and a variety of multimedia and online resources.



SERIALS FROM COLD SPRING HARBOR LABORATORY PRESS



[www.cshlpress.com](http://www.cshlpress.com)

**For more information:**

Call: 1-800-843-4388 (Continental US and Canada) 516-422-4100 (All other locations)

Fax: 516-422-4097 E-mail: [cshpress@cshl.edu](mailto:cshpress@cshl.edu)

Write: Cold Spring Harbor Laboratory Press  
500 Sunnyside Blvd., Woodbury, NY 11797-2924



[www.cshlpress.com](http://www.cshlpress.com)

## A NEW TYPE OF REVIEW JOURNAL



[www.cshperspectives.org](http://www.cshperspectives.org)

### COLD SPRING HARBOR PERSPECTIVES IN BIOLOGY

- Spanning the complete spectrum of the molecular life sciences
- Article collections that build month by month
- Written and commissioned by experts in each field

*Cold Spring Harbor Perspectives in Biology* is a new monthly online publication. Spanning the complete spectrum of the molecular life sciences, the journal offers article collections that comprehensively survey topics in molecular, cell, and developmental biology, genetics, neuroscience, immunology, cancer biology, and molecular pathology. Written by leading researchers and commissioned by an eminent board of editors, subject collections grow with every issue of the journal. *Cold Spring Harbor Perspectives in Biology* is thus unmatched in its depth of coverage and represents an essential source for informed surveys and critical discussion of advances in emerging areas of biology.

**Scope: Molecular Biology, Cell Biology, Developmental Biology, Genetics, Immunology, Neurobiology**

#### SUBJECT COVERAGE

Angiogenesis	Immune Cell Signaling	The p53 Family
Antigen Processing	Immune Tolerance	Prions
Apoptosis	Lipid Cell Biology	Prokaryote Cell Biology
Auxin Signaling	Lymphocyte Cell Biology	Protein Homeostasis
Calcium Signaling	Mammary Gland Biology	Receptor Tyrosine Kinases
Cell-Cell Junctions	Mechanotransduction	Recombination Mechanisms
Cilia and Flagella	Membrane Fusion and Exocytosis	Regeneration
The Cytoskeleton	Mitochondria	RNA Worlds
DNA Damage and Repair	Mitosis	Sensory Perception
The Extracellular Matrix	Molecular Motors	Sex Determination
The Endoplasmic Reticulum	Muscle Cell Biology	Symmetry Breaking in Biology
The Evolution of Gene Networks	Neuronal Guidance	Synapses
Generation and Interpretation of Morphogen Gradients	The NF- $\kappa$ B Family	Synthetic Biology
Germ Cells	Nuclear Hormone Receptors	Transcriptional Regulation
The Golgi Apparatus	The Nucleus	Wnt Signaling
Growth Factor Receptors	The Origin of Life	The Y Chromosome

- ISSN: 1943-0264 / online, monthly
- Available exclusively via institutional site license

Visit [www.cshperspectives.org](http://www.cshperspectives.org) for more information.

### RECOMMEND THESE ESSENTIAL JOURNALS TO YOUR LIBRARY OR REQUEST A SITE LICENSE

Visit us online at [www.cshlpress.com/library](http://www.cshlpress.com/library)

#### GENES & DEVELOPMENT

[www.genesdev.org](http://www.genesdev.org)

*Genes & Development* publishes high-quality research papers of broad general interest and biological significance in the areas of molecular biology, molecular genetics, and related fields.

Editor: Terri Grodzicker

ISSN: 0890-9369 / 24 semimonthly issues

Published in association with The Genetics Society.



#### GENOME RESEARCH

[www.genome.org](http://www.genome.org)

This international, continuously published, peer-reviewed journal focuses on research that provides novel insights into the genome biology of all organisms, including advances in genomic medicine.

Executive Editor: Hillary E. Sussman

ISSN: 1088-9051 / 12 monthly issues



#### RNA

[www.rnajournal.org](http://www.rnajournal.org)

*RNA* provides rapid publication of significant original research in all areas of RNA structure and function in eukaryotic, prokaryotic, and viral systems. It covers a broad range of subjects in RNA research, including structural analysis by biochemical or biophysical means; mRNA structure, function and biogenesis; alternative processing: *cis*-acting elements and *trans*-acting factors; ribosome structure and function; and RNA chemistry.

Editor: Timothy W. Nilsen, *Case Western Reserve University*

ISSN: 1355-8382 / 12 monthly issues

Published on behalf of The RNA Society.



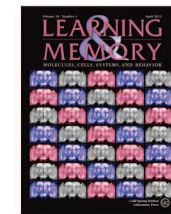
#### LEARNING & MEMORY

[www.learnmem.org](http://www.learnmem.org)

*Learning & Memory* provides an exciting interdisciplinary forum for scientists studying the neurobiology of synaptic plasticity, learning, and memory. This international, monthly journal considers research in all areas of these fields and their models, conducted in humans and other vertebrate and invertebrate species.

Editor: John H. Byrne, *University of Texas, Houston Medical School*

ISSN: 1072-0502 / 12 monthly online issues



### MAKE OUR JOURNALS YOUR JOURNALS WITH ONLINE FEATURES YOU CAN CUSTOMIZE

Cold Spring Harbor Laboratory Press journals are hosted online with the assistance of Stanford University's HighWire Press® and offer many powerful tools to assist your research, including:

#### Abstract Preview

Mouse over the table of contents (TOC) and search results page and get an instant pop-up preview of the article abstract—without leaving the page.

#### Tag-along Navigation

The navigation box follows alongside as the reader scrolls down the article page.

#### Easier Scanning and Reading

Better positioning of the title and abstract, improved text fonts and formatting, plus quick previous/next links to scan by article section make it fast to scan an article online.

#### Figure Expansion in Place

Figure and table thumbnails can be enlarged from within the article.

#### Exporting Citations

Simply click the link above an article's title to acquire citations that are compatible with personal bibliographic management software such as EndNote, Reference Manager, or ProCite.

#### RSS Feeds (“RDF Site Summary” or “Really Simple Syndication”)

Receive up-to-date information on the latest in Cold Spring Harbor Laboratory Press journals via RSS, including a journal's table of contents and the most recent articles published online ahead of print (RSS feeds are updated continuously).

#### CiteTrack Alerts

After completing a search, simply click the “alert me” link to be notified when new articles that satisfy your search are published. This valuable function works with all advanced search parameters, to bring you alerts whenever new content matches criteria such as topics and authors or when a paper of interest is referenced by another paper or letter.

#### Download to PowerPoint™

Figures in full-text journal articles are easily downloadable to Microsoft PowerPoint™ as slides, to enhance their value for teaching or presentations.

#### Online Submission System

All Cold Spring Harbor Laboratory Press journals offer online manuscript submission and processing. Authors enjoy better service, speedier review, and more rapid publication.

### BY THE RESEARCH COMMUNITY, FOR THE RESEARCH COMMUNITY

As a scholarly, not-for-profit publisher, Cold Spring Harbor Laboratory Press is committed to innovative and independent publishing practices and the wide dissemination of information in our publications. All revenue from journals, books, and databases is reinvested in the direct support of science worldwide, including scholarships, meetings and courses, grants, educational outreach, advocacy for research funding, and the free dissemination of information. The ability to publish in our journals is available equally to all scientists worldwide, regardless of their economic circumstances.

Cold Spring Harbor Laboratory Press is a signatory of the Washington D.C. Principles for Free Access to Science. Learn more at: [www.dcprinciples.org](http://www.dcprinciples.org).

#### Tiered Pricing for Institutions

Subscriptions for institutions are priced on a five-tier sliding scale to provide the most equitable rates to all organizations. In combination with a highly efficient production process, this pricing enables us to bring the highest standards of published research to the community at the lowest possible cost per user.

#### Open Access Availability

The entire text of all papers published by *Genome Research* and *Genes & Development* is available free of charge at each journal's website six months after publication. Articles in *Learning & Memory* and *RNA* are available free of charge 12 months after publication, and *CSH Perspectives in Biology* is available 2 years after publication.

#### “Author Option” for Immediate Open Access

Cold Spring Harbor Laboratory Press offers authors whose papers have been accepted for publication a fee-based option for their paper to be immediately and freely available upon publication online.

#### Free Access for Developing Nations

Through partnerships with the United Nations' Health InterNetwork Access to Research Initiative (HINARI) and the Food and Agriculture Organization's initiative Access to Global Online Research in Agriculture (AGORA), all six journals published by Cold Spring Harbor Laboratory Press are available free of charge to more than 100 low or lower-middle income countries. More information about these initiatives is available at [www.who.int/hinari/en/](http://www.who.int/hinari/en/) and [www.aginternetwork.org/en/](http://www.aginternetwork.org/en/).

#### Free Access through PubMed Central

*Genes & Development* and *Genome Research* are freely available six months after publication at PubMed Central, the U.S. National Library of Medicine's digital archive of life sciences journal literature ([www.pubmedcentral.org](http://www.pubmedcentral.org)). Also available at PubMed Central are *Learning & Memory* and *RNA* which are free of charge 12 months after publication, and *CSH Perspectives in Biology* is available 2 years after publication.