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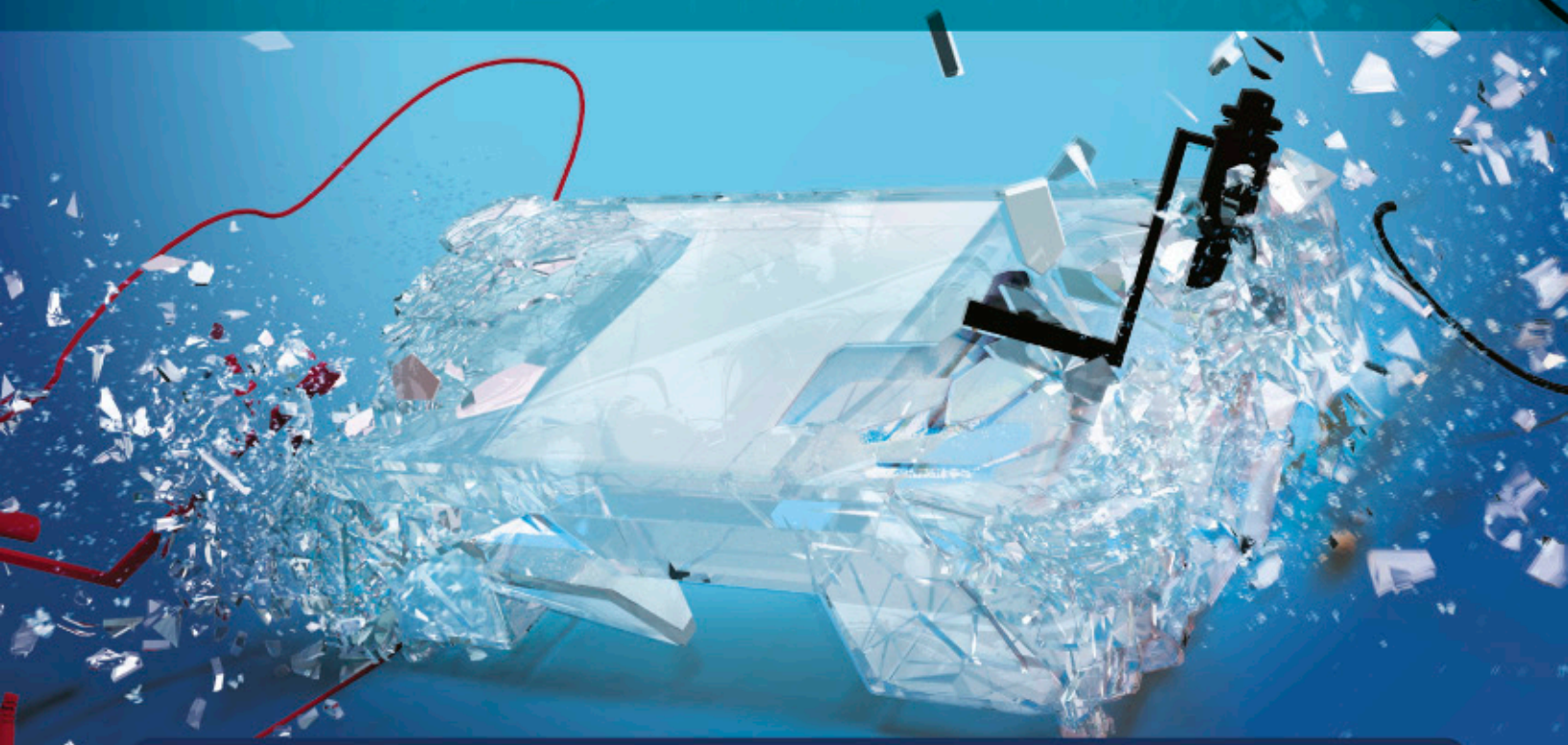

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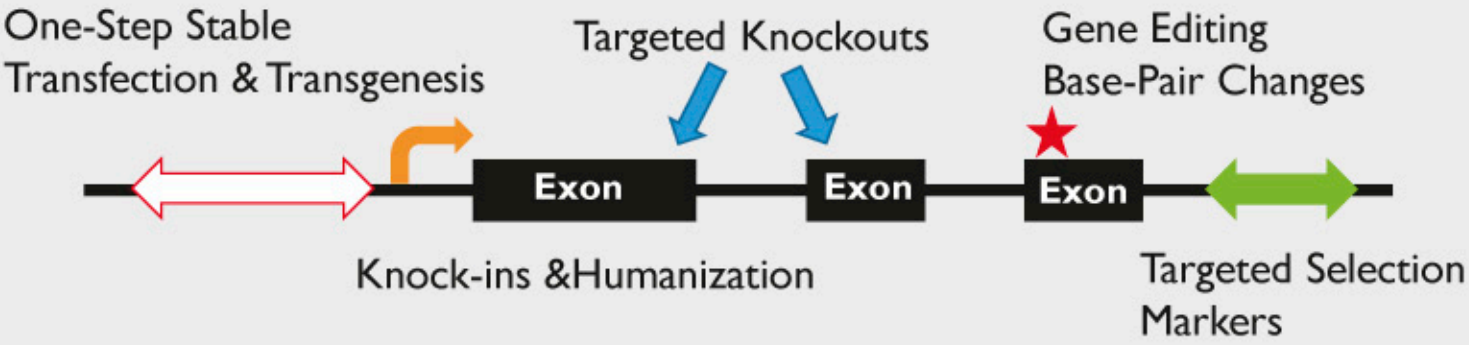

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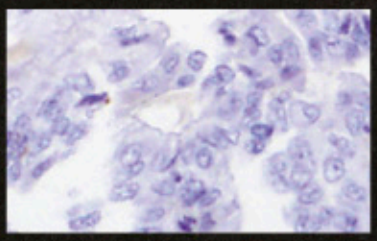

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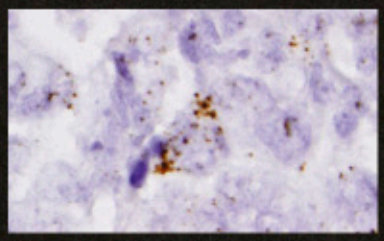

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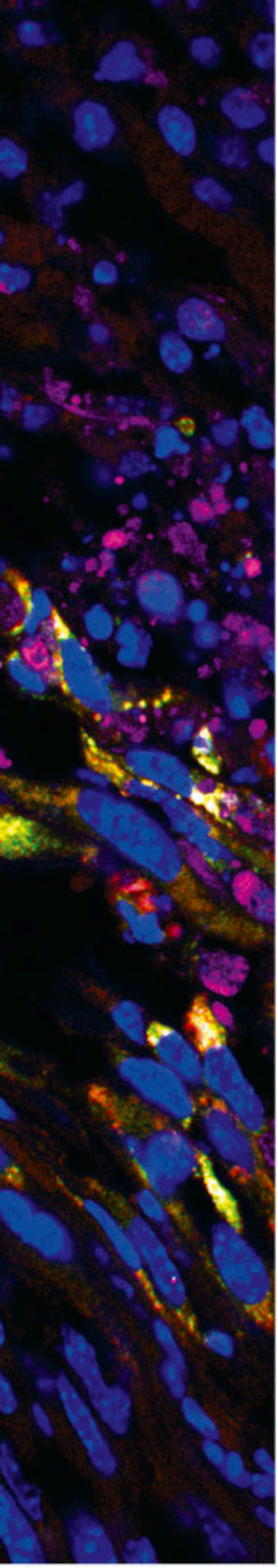

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September 8-9, 2014
Seattle, WA

Targeting PI3K-mTOR Networks in Cancer
Co-Chairpersons: Lewis C. Cantley, Jose Baselga, Joan S. Brugge, Brendan D. Manning, and Malte Peters
September 14-17, 2014
Philadelphia, PA

Hematologic Malignancies: Translating Discoveries to Novel Therapies
Chairperson: Kenneth C. Anderson
Co-Chairpersons: Scott Armstrong and Riccardo Dalla-Favera
September 20-23, 2014
Philadelphia, PA

Advances in Melanoma: From Biology to Therapy
Co-Chairpersons: Suzanne L. Topalian, Keith T. Flaherty, and Levi A. Garraway,
September 20–23, 2014
Philadelphia, PA

13th Annual International Conference on Frontiers in Cancer Prevention Research
Program Committee Chairperson: Phillip A. Dennis
September 28-October 1, 2014
New Orleans, LA

Seventh AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and Medically Underserved
Co-Chairpersons: Ethan Dmitrovsky, Rick A. Kittles, Electra D. Paskett, and Victoria L. Seewaldt
November 9-12, 2014
San Antonio, TX

EORTC-NCI-AACR International Symposium on Molecular Targets and Cancer Therapeutics
Scientific Committee Co-Chairpersons: Jean-Charles Soria, Lee J. Helman, and Jeffrey A. Engelman
November 18-21, 2014
Barcelona, Spain

Tumor Immunology and Immunotherapy: A New Chapter
Co-Chairpersons: Robert H. Vonderheide, Nina Bhardwaj, Stanley Riddell, and Cynthia L. Sears
December 1-4, 2014
Orlando, FL

San Antonio Breast Cancer Symposium
Co-Directors: Carlos L. Arteaga, Ismail Jatoi, and C. Kent Osborne
December 9-13, 2014 • San Antonio, TX

Myc: From Biology to Therapy
Co-Chairpersons: James E. Bradner, Martin Eilers, Dean W. Felsher, and Carla Grandori
January 7-10, 2015 • La Jolla, CA

Translation of the Cancer Genome
February 7-9, 2015
Co-Chairpersons: William Hahn, Lynda Chin, and William Sellers

Computational and Systems Biology of Cancer
February 9-11, 2015
Co-Chairpersons: Andrea Califano, Brenda Andrews, and Peter Jackson
The Fairmont, San Francisco, CA

AACR-Society of Nuclear Medicine and Molecular Imaging Joint Conference: Molecular Imaging in Cancer Biology and Therapy
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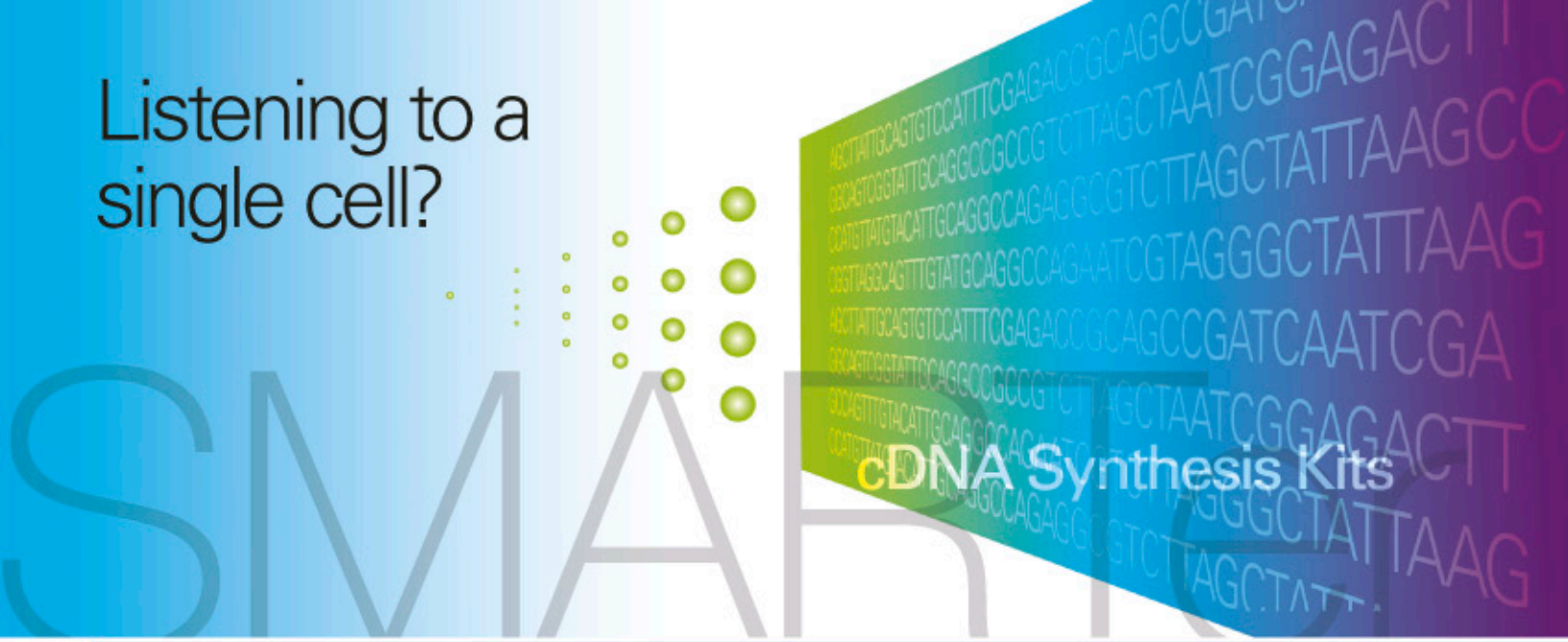

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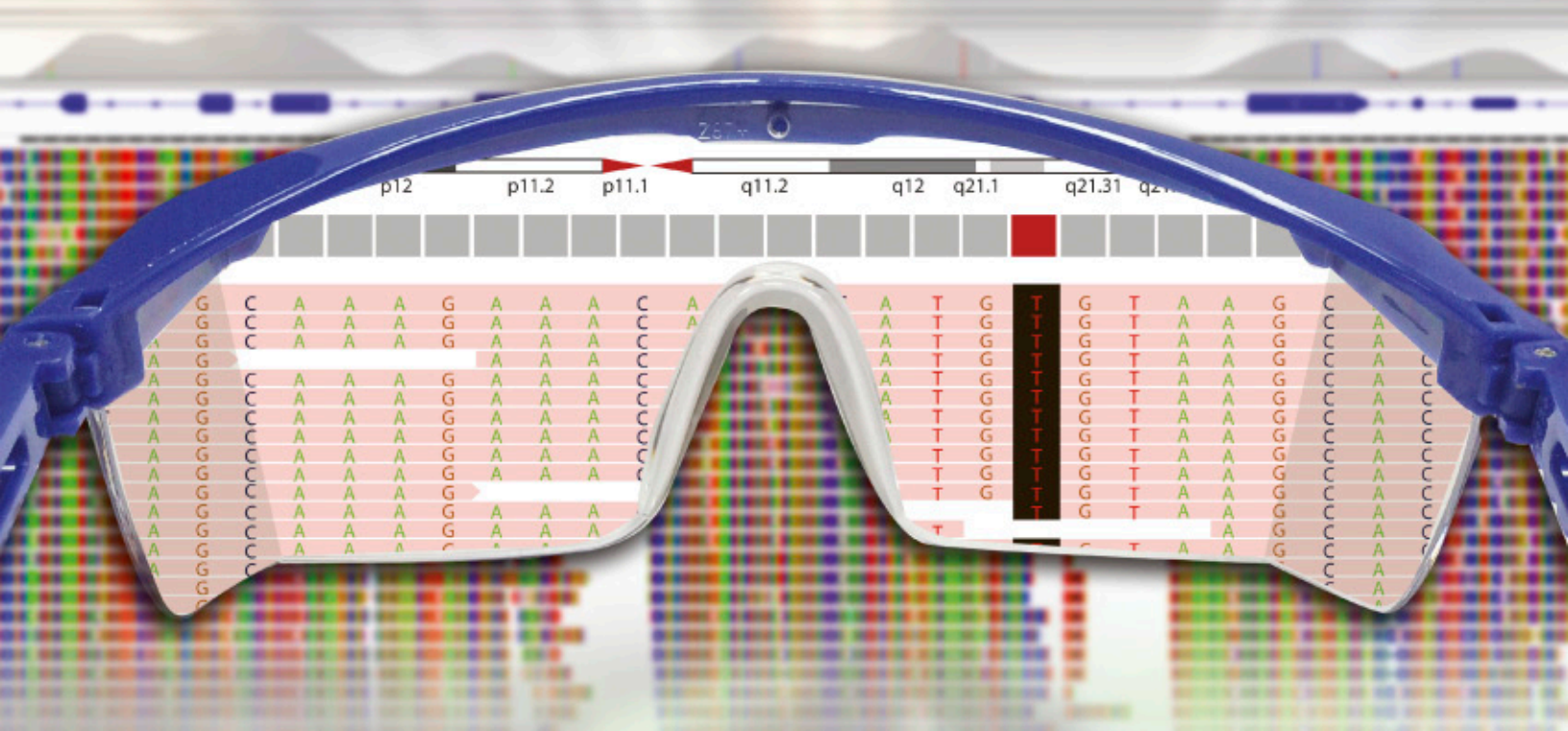

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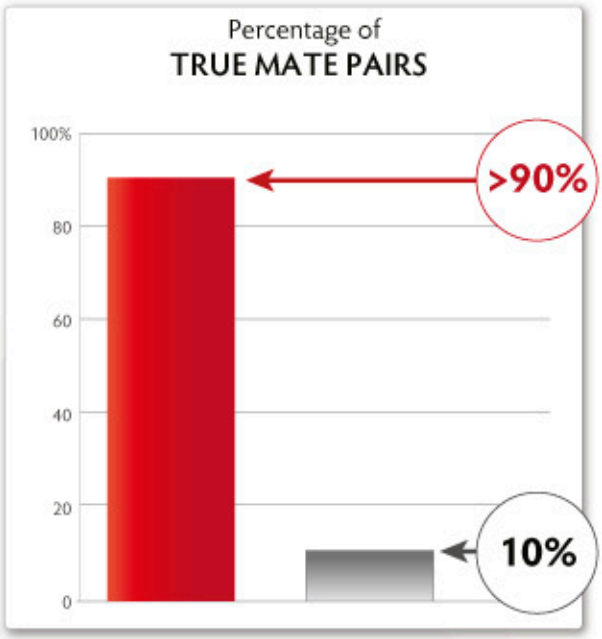

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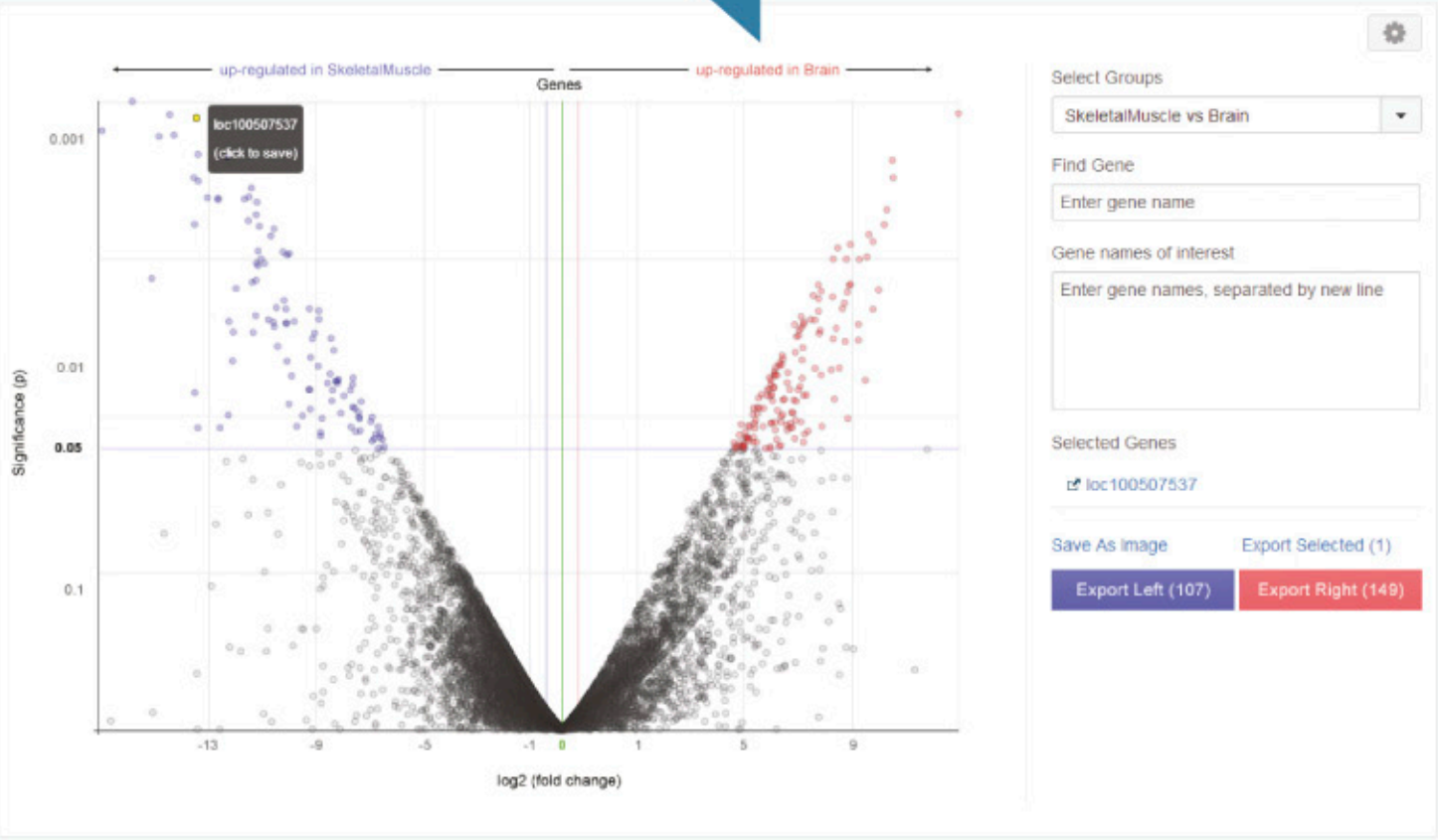

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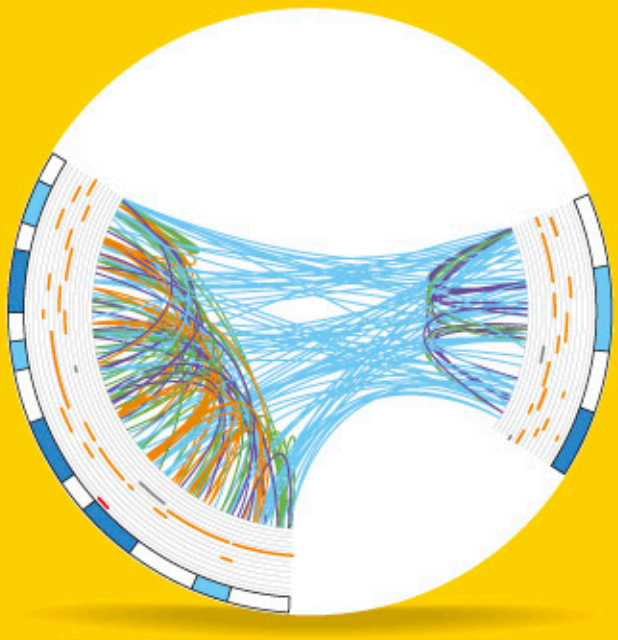

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- Beyond On-and-Off: Analog Circuits, Non-Transcriptional Regulation
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- Health 2025: On the Path to the Clinic
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- Earth 2025: The Edited Life Forms for a Better World

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Deadlines: Discounted Abstract/Scholarship – Sep 22, 2014; Abstract – Oct 14, 2014; Discounted Registration – Nov 11, 2014

Genomic Instability and DNA Repair

*joint with the meeting on **DNA Replication and Recombination***

March 1–6, 2015 | Whistler Conference Center | Whistler, British Columbia | Canada

Scientific Organizers: Daniel Durocher, Jiri Lukas and Agata Smogorzewska

The meeting highlights the latest trends including how genomic technologies have revolutionized our view of genome integrity and led to the discovery of new types of genome rearrangements whose mechanistic underpinnings remain largely unknown. The unusually broad scope of the conference will bring together scientists operating at the leading edge of multiple disciplines ranging from basic cell biology to pre-clinical oncology.

Session Topics:

- Animal Models and Syndromes
- Telomeres, Aging and Stem Cells
- Recombination Repair
- Mitotic Progression and DNA Damage
- Interface between Chromatin and Genome Maintenance
- Genome Integrity in the Immune System
- DNA Repair Pathway Decisions
- Transcription and Genome Integrity

www.keystonesymposia.org/15X4

Deadlines: Discounted Abstract/Scholarship – Nov 5, 2014; Abstract – Dec 4, 2014; Discounted Registration – Jan 7, 2015

Epigenomics

*joint with the meeting on **DNA Methylation***

March 29–April 3, 2015 | Keystone Resort | Keystone, Colorado | USA

Scientific Organizers: Bing Ren and Daniel Zilberman

Empowered by recent technological advances in DNA sequencing technologies, epigenetic regulatory mechanisms have been investigated in a growing number of organisms at increasingly high resolution and scope. The results are an explosion in new genomic technologies, large-scale datasets and computational resources. This meeting is designed to capture the recent progresses in the field while bridging technological gaps, such as dataset availability, method adoption and data interpretation.

Session Topics:

- Genome-Wide DNA Methylation
- Nucleosome Dynamics
- Functional Chromatin Domains
- Chromatin Regulation of Development
- Higher-Order Chromatin
- Small RNA
- Long Noncoding RNA

Deadlines: Discounted Abstract/Scholarship – Dec 3, 2015; Abstract – Jan 8, 2015; Discounted Registration – Jan 29, 2015



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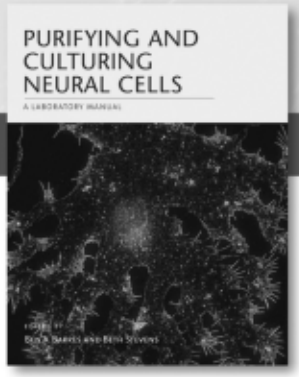

Edited by Ben A. Barres, *Stanford University School of Medicine* and Beth Stevens, *Boston Children's Hospital, Harvard Medical School*

Composed of countless neurons, glia, and vascular cells, the nervous system innervates all parts of the body to function as a vast communication network. This complexity makes it challenging to examine neural properties at the cellular and molecular levels. Cell culture systems for specific neural cell types are thus essential for studies of their development and function.

This laboratory manual provides step-by-step protocols for isolating specific cell populations from rodent tissues and culturing them under conditions that closely resemble those in vivo. The contributors describe in detail how to dissect the brain, spinal cord, and other tissues; how to separate cells using mechanical and enzymatic tissue-dissociation strategies; the use of immunopanning and fluorescence-activated cell sorting (FACS) to enrich the target cell population; and the culture conditions that optimize cell viability and growth. Retinal ganglion cells, motor neurons, dorsal root ganglion cells, astrocytes, oligodendrocytes, and Schwann cells are covered, as are vascular cells such as pericytes and endothelial cells. Myelinating cocultures of neurons and oligodendrocytes are also described.

The manual includes detailed recipes for media and reagents, tips for avoiding common pitfalls, and advice for designing new immunopanning protocols using tissues from other sources. Many of the protocols are accompanied by freely accessible online movies that demonstrate critical steps of the procedures. This is an essential laboratory companion for all neurobiologists, from the graduate student level upward.

2013, 205 pages, illus. (24 4C images and 3 B&W), index
Hardcover $135 **ISBN 978-1-621820-11-6**
Paperback $89 **ISBN 978-1-936113-99-6**

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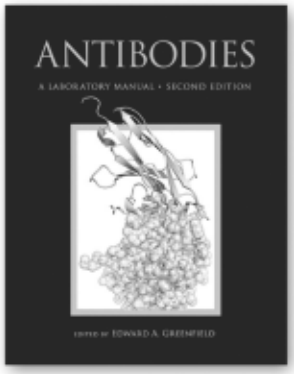

Edited by Edward A. Greenfield, *Dana-Farber Cancer Institute*

The second edition of the now-classic lab manual *Antibodies,* by Harlow and Lane, has been revised, extended, and updated by Edward Greenfield of the Dana-Farber Cancer Center, with contributions from other leaders in the field. This manual continues to be an essential resource for molecular biology, immunology, and cell culture labs on all matters relating to antibodies. The chapters on hybridomas and monoclonal antibodies have been recast with extensive new information and there are additional chapters on characterizing antibodies, antibody engineering, and flow cytometry. As in the original book, the emphasis in this second edition is on providing clear and authoritative protocols with sufficient background information and troubleshooting advice for the novice as well as the experienced investigator.

2013, 847 pp., illus. (32 4C, 103 B&W), appendices, index
Hardcover $260 **ISBN 978-1-936113-80-4**
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