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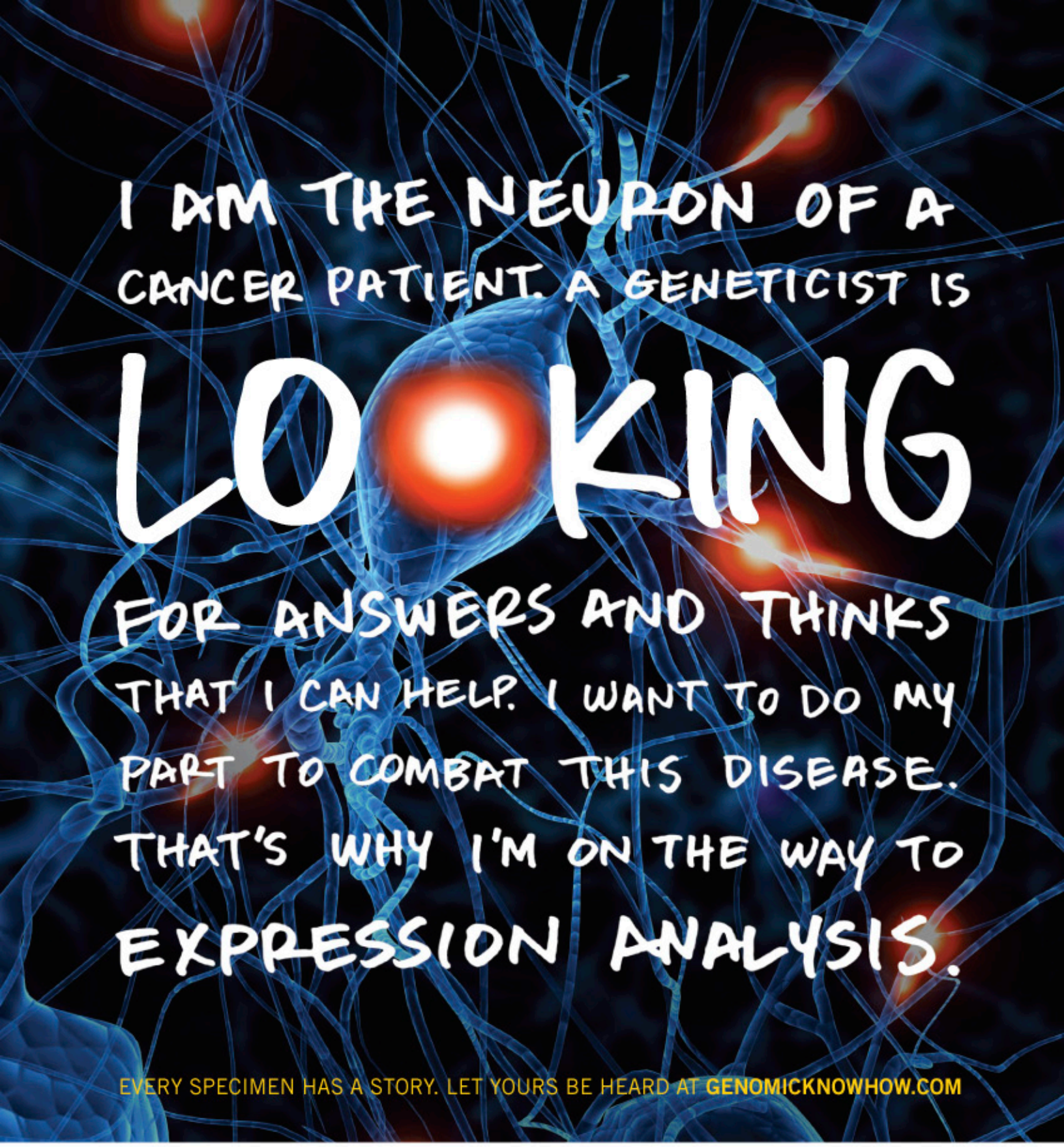

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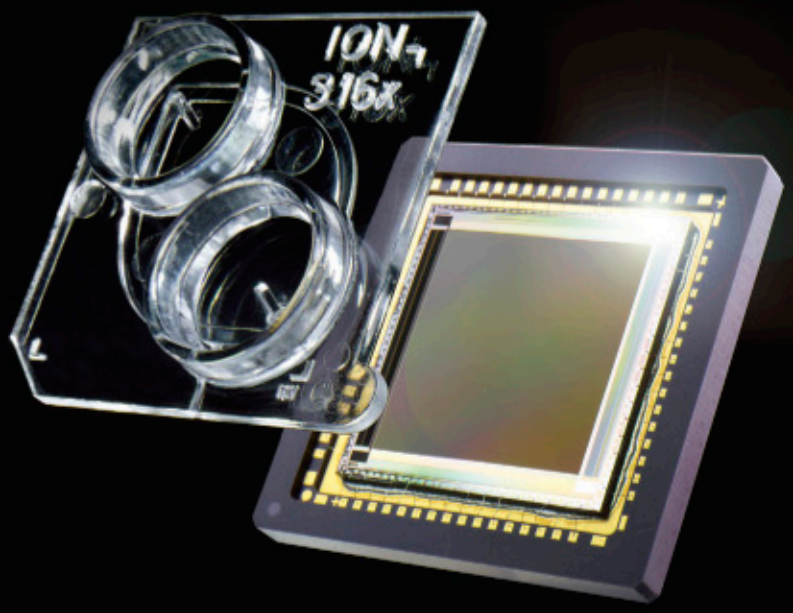

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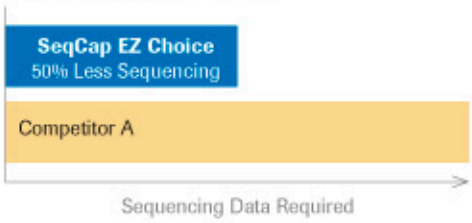

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BIOINFORMATICS ANALYST

As part of the University of Minnesota Supercomputing Institute (MSI), the Research Informatics Support Systems (RISS) program is hiring **two bioinformatics analysts** to support life sciences research at the University of Minnesota. The newly created RISS program is designed specifically to foster cutting edge collaboration between bioinformatics analysts and life sciences researchers and to leverage the rich computational and knowledge environment offered by the MSI and the University.

Successful candidates will have excellent communication skills, a strong analytical/computational background combined with demonstrated life sciences analyses experience, be highly organized, and comfortable working as part of an interdisciplinary research team on multiple projects. Experience with Next-Gen Sequencing applications and data analysis is a priority. Candidates must have a Ph.D. or equivalent.

For additional details and to apply, visit **employment.umn.edu** and search postings for requisition 171717.

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CSH Cold Spring Harbor Laboratory

FACULTY POSITION IN HUMAN GENETICS

Cold Spring Harbor Laboratory (CSHL) is seeking applicants for a new faculty position in the area of human genetics at the level of Assistant or Associate Professor. This faculty member will be part of the Stanley Institute for Cognitive Genomics at CSHL and will contribute to a multidisciplinary effort focused on identifying the genetic causes of schizophrenia, bipolar disorder and major depression and to investigate, at the molecular and systems level, how these altered genes lead to changes in cognition. In addition to a strong program in cognitive genetics, CSHL also has a major research program understanding the biology of cognition.

We are particularly interested in recruiting candidates interested in identifying genetic variants associated with psychiatric disorders using sequence-based approaches, with clinical endpoints in mind. Candidates with either M.D. or Ph.D. degrees will be considered. Ideally, applicants should have experience in design and analysis of studies of genetic variation and/or expertise in the generation and analysis of high throughput sequence data. In addition, some experience evaluating diagnostic information would be viewed positively.

Cold Spring Harbor Laboratory on Long Island, New York, is a world-renowned research and educational institution with programs in cancer, neuroscience, plant biology, genomics and bioinformatics. The Laboratory is recognized internationally for its excellence in research and educational activities.

To apply for this position, please send via email a letter of interest, CV, statement of research interests and names and contact information for three references to:

W. Richard McCombie, Ph.D.
Professor, CSHL
Email: genetics2011@cshl.edu

Visit us on the web at www.cshl.edu

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University of Massachusetts Medical School
Program in Bioinformatics and Integrative Biology

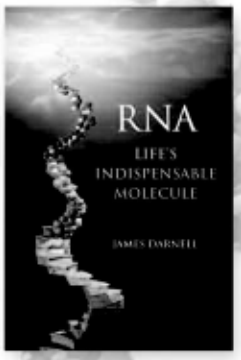
The newly established Program in Bioinformatics and Integrative Biology continues to invite applications for **tenure-track or senior tenured professor positions**. We are seeking innovative, energetic and collaborative individuals who plan to develop strong computational research programs to tackle problems in one of the following areas: regulatory genomics, comparative genomics, systems biology, RNA biology, evolutionary biology, statistical genetics, or proteomics. Exceptionally strong candidates in other computational biology areas will also be considered. Wet bench research space can be arranged for individuals who are interested in performing experiments to augment their computational efforts.

The Program in Bioinformatics and Integrative Biology is housed in a state-of-the-art research building with the neighboring Departments of Biochemistry and Molecular Pharmacology, Neurobiology, Cancer Biology, Medicine, and the Program in Gene Function and Expression. The Program has high-performance computing facilities and a full-time Bioinformatician to support the research activities of its faculty. Salary and start-up package will be competitive and commensurate with the high level of accomplishment expected for successful applicants.

Applicants should submit a cover letter explaining their interest in the Program, a curriculum vitae that includes honors, publications, and a succinct research plan to http://www.academicjobsonline.org. To expedite the review process, applicants should invite three individuals who are familiar with your work and potential for success to upload their recommendation letters at the same web address. Inquiries, but not application materials, may be directed to Professor Zhiping Weng at zhiping.weng@umassmed.edu.

As an equal opportunity and affirmative action employer, UMMS recognizes the power of a diverse community and encourages applications from individuals with varied experiences, perspectives and backgrounds.

RNA
Life's Indispensable Molecule



By James Darnell, *The Rockefeller University*

In *RNA: Life's Indispensable Molecule,* Jim Darnell provides a comprehensive and captivating account of RNA research, illuminated by his own life-long and celebrated engagement in the field. Darnell describes how scientists unraveled fundamental questions about the biochemical and genetic importance of RNA—how mRNAs are generated and used to produce proteins, how noncoding and catalytic RNAs mediate key cellular processes, and how RNA molecules likely initiated life on Earth. With a scope extending from the early 20th century to the present day, and with the clarity expected from an accomplished textbook author, he conveys the intellectual context in which these questions first arose and explains how the key experiments were structured and answers obtained. The book is geared towards scientists from the graduate level on up, and will particularly appeal to active investigators in RNA biology, educators of molecular biology and biochemistry, and science historians.

Due July 2011, 416 pp., illus., sources, index
Hardcover $39 **ISBN 978-1-936113-19-4**

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