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Science Careers

From the journal *Science* AAAS

POSITIONS OPEN

MOLECULAR GENETICS RESEARCH ASSOCIATE/INSTRUCTOR POSITION Functional Genetics at Brigham and Women's Hospital

A Research Associate or Instructor position in functional genetics is available beginning March 1, 2009, at the Channing Laboratory and the Pulmonary Division and the Respiratory Genetics Research Center of the Brigham and Women's Hospital. The Research Associate/Instructor will be responsible for functional evaluation of disease-associated sequence variants identified from integrative genomic and genome-wide association studies in asthma, chronic obstructive pulmonary disease (COPD), and other disorders of the respiratory system. Specific responsibilities will include design and execution of studies to characterize the functional properties of disease-related variants, to supervise laboratory technicians assisting with these studies, and to assist faculty in the training of doctoral and postdoctoral researchers in these methods.

Requirements: (1.) Applicants must have a Ph.D. degree or the equivalent in hand and be eligible for employment in the United States (citizenship, residency, or work visa). (2.) At least two years of full-time postdoctoral training. (3.) Laboratory skills and prior work experience must include proficiency with molecular and cellular biology techniques, including cell culture, overexpression studies (including reporter assay construction and viral transfection and transduction studies), nuclear protein extraction and gel retardation assays, gene cloning, siRNA gene silencing, and characterization of differential splicing patterns.

Preference will be given to candidates with additional experience with allelic imbalance assays.

Interested applicants are instructed to provide curriculum vitae via e-mail, and arrange two letters of reference, which should be addressed to the following:

Scott T. Weiss, M.D., M.S.

Professor of Medicine
Channing Laboratory
Brigham and Women's Hospital
181 Longwood Avenue
Boston, MA 02115

Telephone: 617-525-2278; fax: 617-525-0958
E-mail: scott.weiss@channing.harvard.edu

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181 Longwood Avenue
Boston, MA 02115

Brigham and Women's Hospital and Harvard Medical School are Equal Opportunity Employers and strongly encourage application from women and minority candidates.

POSTDOCTORAL NEUROIMMUNOLOGY RESEARCH FELLOWSHIP University of California, San Francisco

A Research Fellowship opportunity is available in a neuroimmunology laboratory to work on human T cell and B cell immune responses to central nervous system (CNS) autoantigens in neuromyelitis optica (NMO), a CNS demyelinating disease. Studies involve cellular immunology and molecular biology. Fellow will work under the direct guidance of Dr. Zamvil and his team. Salary support is available for two years, although applicant will be supported in obtaining competitive three-year fellowship funding. Send curriculum vitae and statement of research interests by e-mail or mail to:

Scott S. Zamvil, M.D., Ph.D.

Department of Neurology
University of California, San Francisco
513 Parnassus Avenue, S-268
San Francisco, CA 94143
E-mail: zamvil@ucsf.neuroimmunol.org

POSITIONS OPEN



The U.S. Department of Agriculture, Agricultural Research Service, Pacific Basin Agriculture Research Center, Hilo, Hawaii, invites applications for an **INTERDISCIPLINARY RESEARCH SCIENTIST** position (**GENETICIST/ENTOMOLOGIST/MOLECULAR BIOLOGIST, GENOMICS**) GS-12/13/14 (\$59,383.00 to \$108,483.00 plus 18 percent cost of living allowance per annum). A scientist is needed to conduct research to identify, develop, and implement environmentally acceptable and sustainable strategies for management of tropical insect pests in support of Hawaii, the Pacific Basin, and U.S. agriculture. You will develop and lead fundamental research on the genomics of fruit flies, in particular the oriental fruit fly. (Announcement ARS-X9W-0054.) The ideal candidate has experience in initiating, organizing, and leading an insect genome project. This is a competitive, permanent appointment and U.S. citizenship is required. Vacancy announcements and where to apply can be found at website: <http://www.afm.ars.usda.gov/hrd/jobs/index.htm#vacancy>. Closing date for applications is February 20, 2009. For more detailed information on this listing, please contact Dr. Eric Jang, telephone: 808-959-4340 or e-mail: eric.jang@ars.usda.gov. The USDA is an Equal Opportunity Provider and Employer.

POSTDOCTORAL POSITIONS in BIOMOLECULAR NETWORKS

Two NIH-funded Postdoctoral positions are immediately available for recent graduates holding a Ph.D. in the biological sciences to work on the role of G protein-coupled receptor (GPCR)-associated proteins on GPCR signaling and trafficking. For examples of recent projects, see: *J. Biol. Chem.* 282:5085-99, 2007 and 281:33537-53, 2006. One position is open to candidates with experience in cell biological techniques including confocal/fluorescence resonance energy transfer microscopy, immunohistochemistry, intracellular trafficking, and co-immunoprecipitation. The second position is for candidates with expertise in myocardial cell biology of rats or transgenic mice including culture of neonatal heart cells, transgene analyses by real time polymerase chain reaction, transfection with adeno and lentiviral vectors, and other relevant cardiovascular techniques. Please forward a cover letter, curriculum vitae, and the names of three references to: Suleiman Bahouth, Ph.D., The University of Tennessee Health Science Center, Department of Pharmacology, 874 Union Avenue, Memphis, TN 38163, or via e-mail: sbahouth@utmem.edu.

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The Biology Department at Missouri State University anticipates an August 2009 opening for an **ASSISTANT PROFESSOR** with a specialty in animal physiology. For a full position description and to apply online go to website: <http://www.missouristate.edu/academicopenings>. Letter of application, curriculum vitae, statement of teaching experience and interests, research plan, transcript copies, and names and addresses for three to five references can be uploaded electronically. For additional information contact: Paul Durham, Department of Biology, Missouri State University, Springfield, MO 65897. Employment will require a criminal background check at University expense. Equal Opportunity/Affirmative Action.