

· 全球招聘新闻 ·



博士后
[日本] National Center of Neurology and
Psychiatry

National Center of Neurology and Psychiatry seeks to hire an postdoctoral Scientist—Department of Neurophysiology within the National Institute of Neuroscience. The position is available in the lab of Kazuhiko SEKI, PhD. Their transgenic group is producing transgenic animal models for neurodegenerative disease using non-human primate; common marmoset. Ongoing works include (1) Production of poly-glutamine disease model line in common marmoset, (2) Development of biomarkers for poly-glutamine disease using this transgenic marmoset model, and (3) Development of novel methods for gene modification such as TALEN, transposon, and CRISPR/CAS9 in non-human primates. The position will be offered for a period of 1 year starting immediately, and the contract could be extended to 3 years at maximum. Requirement: The successful applicant should have a PhD in a reproductive biology, neuroscience, or medical-related field, and prior experience with embryology is required. Interested individuals should send a detailed CV with bibliography, a brief statement of research accomplishments and future interests (one page or less), and two strong letters of recommendation to seki@ncnp.go.jp. Website: http://www.ncnp.go.jp/nin/guide/r_model/index-e.html. (源于 *Science* [2014-06-02])



HARVARD 博士后
MEDICAL SCHOOL [美国] Harvard Medical School

Harvard Medical School opens an NIH-funded position for a research fellow for Computational and Integrative Biology. As a member of the laboratory of Dr. Michael L. Fitzgerald, the position will focus on the role that virus infection and drug treatment play in increasing the risk of cardiovascular disease in HIV infected individuals. This translational biology project will involve proteomic and lipidomic profiling of HDL particles obtained from clinical isolates. Additional effort will center on the role that cholesterol crystal mediated inflammation contributes to atherosclerosis using cell biology methods and mouse models of atherosclerosis. Successful candidates for this position will have a PhD, MD or MD/PhD with experience in cell biology and biochemistry. Strong written, communication, and organization skills, as well as a high level of motivation are required. Interested candidates should email a copy of their curriculum vitae, and contact information for 3 references to **Michael L. Fitzgerald, PhD, Massachusetts General Hospital, Lipid Metabolism Unit/ Center for Computational and Integrative Biology, Simches Research Building, 185 Cambridge, Boston, MA 02114, USA. E-mail: mfitzgerald@ccib.mgh.harvard.edu**. (源于 *Science* [2014-06-02])



博士后
[美国] University of Kentucky

The University of Kentucky's Resource Center for Stable Isotope Resolved Metabolomics seeks a Postdoctoral Scientist in Web-based Bioinformatics Visualization and Data Analysis Development. Candidates should have a multidisciplinary background, preferably with complementary degrees across both biological and computational disciplines such as mathematics, computer science, informatics, statistics, physiology, biochemistry, molecular or cell biology; at least one degree must be at the PhD level. Candidates must have strong programming skills in at least one of the following languages: C++, Java, Python, and/or R, preferably within a Unix/Linux environment. Candidates should have experience with developing, directly accessing, and maintaining databases in one or more of the following database platforms: MySQL, PostgreSQL, and SQLite. Also, experience with Apache web servers, the Galaxy bioinformatics workflow manager, and Cytoscape is highly desirable. This position provides the opportunity to work with a team developing a web-based metabolomics data analysis and omics-integration pipeline that is actively used in the Center. Also, development of new informatics and visualization tools within QEMU/KVM Linux virtual machines using Git version control tools is a responsibility of the position. Salary and benefits are competitive and commensurate with experience. Please send inquiries, curriculum vitae, and contact information for three references to: **Dr. Hunter Moseley, hunter.moseley@uky.edu**. You may be subsequently contacted to complete a formal application on-line. (源于 *Science* [2014-06-02])



HARVARD 博士后
MEDICAL SCHOOL [美国] Harvard Medical School

Harvard Medical School opens a postdoctoral/research associate position to study either the role of GATA transcription factors in chondrocyte maturation; signals that regulate the proliferation of a cartilage stem cell population; the transcriptional regulation of Lubricin expression in articular cartilage by mechanical loading; the regulation of DNA methylation by Wnt and FGF signaling; or the role of Reactive Oxygen Species in the progression of osteoarthritis. Prior experience with Molecular Biology is a must and experience with mouse genetics is highly preferred. Please send CV (and have letters of recommendation sent) to **Andrew_Lassar@hms.harvard.edu**. (源于 *Science* [2014-06-03])



博士后
[美国] University of Michigan

University of Michigan opens postdoctoral positions to characterize

transcriptional programs and cell-extracellular matrix interactions operative during branching morphogenesis, angiogenesis, mesenchymal stem cell differentiation, adipogenesis and leukocyte trafficking—both during normal development and in cancer (e.g., *Genes & Dev* 26: 395, 2012; *Dev Cell* 25:402, 2013; *Proc Natl Acad Sci USA*, 109:16654, 2012; *Nat Commun*, 5:3070, 2014). The work will involve combining state-of-the-art cell and molecular biology techniques to characterize the transcriptional programs and effectors that regulate cell function in vitro and in vivo. The successful candidate should be a recent PhD graduate or equivalent with a strong background in the use and engineering of transgenic models and a demonstrated record of creativity and scientific productivity in fields related to those described above. To apply, please send a letter detailing your experience and research interests, an updated CV, and contact information for three references to: **Stephen J. Weiss, MD, Life Sciences Institute, University of Michigan, kochj@umich.edu.** (源于 *Science* [2014-06-03])



Temple University is seeking a postdoctoral scientist to investigate the neuromechanical basis of locomotion. They aim to explore and examine, as much as possible, freely behaving animals, with an increasing focus on mice. The Spence Lab invites applications from prospective postdocs from a wide range of backgrounds, including neuroscience, biomechanics, physics, mathematics, physiology, engineering, computer science, and robotics. This postdoc is a three-year Army Research Office funded position that will use optogenetic tools in mice to understand how the structure of the quadrupedal gait controller, and sensory feedback from the limbs, facilitate dynamic locomotion. The Department of Bioengineering at Temple University is a brand new department with newly renovated facilities, and the Spence Lab is investing in state of the art equipment. For further information on the group and it's current activities, please visit www.spencelab.com. Applicants should submit a CV including names and contact information for three referees to aspence@temple.edu. (源于 *Science* [2014-06-03])



Cornell University requires 2 post-doctoral level research scientists to participate in targeted research programs designed to develop new approaches for the treatment of tuberculosis. 1. Screening for compounds active against intracellular bacteria. They require a post-doctoral level scientist to oversee extensive high-throughput screening of compound libraries against *Mycobacterium tuberculosis* under BSL3 conditions. There will be some opportunity for research follow-up on the compounds but this

position will be devoted predominantly to the development and performance of drug screens. Experience with *Mycobacterium* or other intracellular bacterial infections is required. This position is not viewed as a standard post-doctoral fellowship but would be ideally suited to someone who wishes pursue a career in biotechnology or translational biology. 2. Modulation of host tissue response to tuberculosis infection through transient gene expression. They require a post-doctoral scientist for the generation of constructs facilitating transient expression of host proteins that will modulate the progression of the pulmonary tuberculosis granuloma. Experience in murine infections with *Mycobacterium tuberculosis* or other pathogenic bacteria is required. Please address application to: **Professor David G. Russell, Microbiology and Immunology, College of Veterinary Medicine, Cornell University, Ithaca, NY 14853, USA. E-mail: dgr8@cornell.edu.** (源于 *Science* [2014-06-04])



Memorial Sloan Kettering is seeking a highly motivated postdoc researcher with a computational biology/bioinformatics background to join their team. Their research focus is in understanding the molecular bases for response to cancer therapy and applying scientific findings towards clinical treatment plans, with a focus on radiation therapy and DNA damage. The candidate is expected to develop methods for integrative analysis of clinical and genomic data. Projects will involve analysis and interpretation of clinical sequencing data, particularly with an eye towards molecular diagnostics. This is a highly collaborative multi-disciplinary environment; good communication, project management, and organizational skills are a must. Qualifications: Applicants must hold a PhD in genetics, bioinformatics, computer science, or related field. Publications in well-regarded peer-reviewed journals are expected. Programming experience in Unix-based systems is required and familiarity with scripting (e.g. Perl or Python) and R/Bioconductor is a plus. Application procedure: Please submit a full curriculum vitae and a statement of past research accomplishments and future research interests to **William Lee PhD, Director of Bioinformatics, Department of Radiation Oncology, leelabapplications@gmail.com.** (源于 *Science* [2014-06-04])



University of South Carolina seek postdoctoral fellowships to pursue research supported by NIH grants including the Center of Excellence for Complementary and Alternative Medicine on Autoimmune and Inflammatory Diseases (website: <http://camcenter.med.sc.edu/>). Studies will address the effects of plant products such as resveratrol, indoles, and cannabinoids on inflammation,

autoimmunity, and cancer. PhD in Immunology or related areas is required. Other projects include role of CD44, estrogens and dioxins on immune response. Experience in-omics and microbiome preferred. Send curriculum vitae and three references to: **Dr. Mitzi Nagarkatti, Carolina Distinguished Professor and Chair, Department of Pathology, Microbiology and Immunology, University of South Carolina School of Medicine, Columbia, SC 29229, USA or E-mail: postdoccam@uscmed.sc.edu.** (源于 *Science* [2014-06-05])



博士后
[美国] University of Chicago

University of Chicago invites applications for a postdoctoral scholar position. Minimum qualifications for this position are a PhD or expected PhD in computer science, informatics, applied mathematics, or demonstrably related disciplines (e.g., physics, computational biology, computational social science, etc.) Strong preference will be given to candidates with experience with some combination of networks, complex systems, and machine learning. Strong computational skills; and a record of successful teamwork and collaboration are required. In addition, an open mind and a record of successful teamwork and the ability to communicate and collaborate across disciplinary lines are preferred. Women and members of underrepresented groups are strongly encouraged to apply. Interested candidates must submit to **knowledge@ci.uchicago.edu**: 1) cover letter, describing your interest in and qualifications for pursuing interdisciplinary research in general and metaknowledge research in particular; 2) curriculum vitae (including publications list); 3) description of your computational skill and experience and a broad career trajectory (max. 2 pages), discussing how those skills will support work on this project; 4) contact information for three or more scholars who know your work and are willing to write letters of reference; 5) one or more examples of working software you have written (e.g., GitHub). (源于 *Science* [2014-06-05])



博士后
[美国] University of Pittsburgh

University of Pittsburgh open two postdoc positions at Department of Structural Biology. They are seeking self-motivated postdoctoral scientists with interpersonal and problem-solving skills. The individual will be leading multiple projects investigating virus-host cell protein interaction utilizing various biophysical techniques including, but not limited to, CD, DSC, SPR, ITC, light-scattering, Fluorescence, NMR, and X-ray crystallography. He/She will be also performing protein expression and purification in *E. coli*, insect cells and mammalian cells. Please visit their website 1) www.structbio.pitt.edu/webusers/protein and 2) www.hivppi.pitt.edu for more detail. Candidate must hold a PhD and

have a strong background in protein biochemistry and biophysics. For consideration, please send detailed curriculum vitae, cover letter, and three references to Dr. Jinwoo Ahn. **E-mail: jia12@pitt.edu.** (源于 *Science* [2014-06-06])



博士后
[美国] Colorado State University

The Tumor Immunology Laboratory in the Animal Cancer Center at CSU is looking for a qualified Post-Doctoral Fellow to work on a project investigating myeloid cell regulation of T cell function in cancer. The position requires a PhD degree and significant prior experience in immunology, with a preference for candidates with prior experience in tumor immunology and animal models of cancer. The position is available immediately. Interested applicants must submit a cover letter, a curriculum vitae or resume, and three reference letters electronically to **morna.mynard@colostate.edu**. References will not be contacted without prior notification of candidates. Applications must be received by June 17, 2014 to receive full consideration. For a detailed position description, please navigate to the following URL: **http://www.cvmbs.colostate.edu/clinsci/open_positions.htm**. (源于 *Science* [2014-06-06])



助理教授
[美国] Michigan State University

Michigan State University (MSU) invites applications for an assistant professor, nine-month tenure-track position (80% research, 20% teaching) in plant polyploid genomics, genetics, and breeding. The incumbent will develop an extramurally funded research program in the genomic and genetic aspects of plant polyploidy, and lead the national and internationally recognized MSU blueberry and strawberry breeding programs. Teaching responsibilities include instruction at the graduate and/or undergraduate level in plant breeding, genetics and genomics to support the Horticulture and Plant Breeding, Genetics and Biotechnology curriculums. Qualifications: A PhD in Plant Breeding and Genetics, or a related plant science discipline; Postdoctoral experience is preferred; Evidence of scholarly productivity; Proficiency in plant polyploid genomics and genetics; Experience with applied plant breeding methods; Experience with a breeding program management is desired; Excellent oral and written communication skills. Application Procedure: Qualified applicants should submit a letter of application, a summary of research accomplishments and future research objectives, a description of teaching interests, a current resume, and contact information for at least three references online at **<https://jobs.msu.edu>**. (源于 *Science* [2014-05-30])

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