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博士后
[美国] Boise State University

The Materials Science and Engineering Department (MSE) at Boise State University seeks a postdoctoral research scientist with strong analytical and data analysis skills in the area of DNA Nanotechnology. A doctoral degree in DNA nanotechnology or a closely related field that includes, but is not limited to, biophysics, materials science, computer science, molecular biology, or biomedical engineering is required. Specific DNA nanotechnology skills include, but are not limited to, the ability to: (1) design nucleic acid sequences using computational and simulation tools, (2) synthesize synthetic nucleic acids, (3) digest and ligate nucleic acids, (4) clone nucleic acids via recombinant technology, (5) design, synthesize, and characterize DNA-based chemical reaction networks, (6) design, synthesize, and characterize DNA-based molecular machines, (7) identify, purify, and extract nucleic acids using agarose and polyacrylamide gel electrophoresis, (8) identify, purify, and extract nucleic acids using high performance liquid chromatography (HPLC), (9) handle, store, and prepare human serum and whole blood, (10) amplify and quantify short nucleic acids including micro RNA (miRNA) using quantitative polymerase chain reaction (PCR), and/or (11) measure nucleic acid hybridization and invasion reaction kinetics using fluorescence spectroscopy. Learn more about Boise State at <http://www.boisestate.edu>. Qualified applicants should send a cover letter, CV, a statement of research interests, and contact information for at least three professional references to MSEsearch@boisestate.edu. Review of applications begins on January 22, 2013. (源于 *Science* [2012-11-26])


博士后
[美国] New England Biolabs Ltd.

New England Biolabs invites applications for the position of postdoctoral fellow. Projects will involve developing new and improved molecular diagnostic methods for human filarial infection. Studies will include the identification and development of species-specific biomarkers for their use in DNA amplification technologies. Research will be undertaken in a highly collaborative and academic environment where publication of results is expected. The ideal candidate will have: A strong interest in neglected tropical diseases; Be passionate about his/her research, and display a strong work ethic that emphasizes both efficiency and quality of work; Have strong hands-on experience with proven bench skills; Be able to work independently and on collaborative projects. Proven ability to successfully complete and publish independent research; Excellent communication skills. Required Qualifications: PhD in Molecular Biology, Biochemistry or related fields; Extensive experience in molecular diagnostics for infectious disease. This position offers exciting opportunities for broad research training, collaboration with academic institutions, publishing in peer-reviewed journals and

participation in national and international conferences. New England Biolabs, Inc. is an equal opportunity/affirmative action employer. Candidates may apply online at <http://www.neb.com>. (源于 *Science* [2012-11-26])


博士后
[美国] Mount Sinai School of Medicine

A postdoctoral fellow or visiting scientist position is available immediately in Dr. Buettner's laboratory at the Departments of Medicine and Neuroscience and the Diabetes, Obesity and Metabolism Institute at Mount Sinai in New York. The focus of Dr. Buettner's lab is to dissect mechanisms of neuroendocrine control of metabolism and energy homeostasis and innate immunity. They aim to translate findings from rat and mouse models of diabetes and obesity to humans wherever possible. Methods used in the lab are euglycemic clamp studies employing tracer dilution techniques, stereotactic injection of viruses into the CNS, gene and protein expression profiling and generation and comprehensive metabolic phenotyping of transgenic mouse models. Candidates should have strong expertise in molecular biology and animal physiology and are preferably permanent residents or US citizen. Ideally, the candidates should be recent PhD and/or MD graduates with a strong background in molecular biology and animal physiology. The candidate is expected to be ambitious, self motivated, productive with promising publication record, be independent and work well within a dynamic team. A background in metabolic diseases including obesity and diabetes would be a plus. Applicants should email his/her CV, personal research statement, and the contact information of 3 references (including present and previous mentors) to: christoph.buettner@mssm.edu. (源于 *Science* [2012-12-03])


博士后
[美国] University of Oklahoma Health Sciences Center

A postdoctoral position funded through NIH is available in Dr. Wei Yue's laboratory in the Department of Pharmaceutical Sciences, College of Pharmacy at the University of Oklahoma Health Sciences Center. They are seeking a highly-motivated postdoctoral fellow with an interest in studying the role of membrane transport proteins in drug disposition, aiming to predict transporter-mediated drug-drug, drug-disease interactions and toxicities. The successful candidate will have a recent PhD degree, with a strong publication record in one or more of the following areas: pharmacology, pharmaceutical sciences, cell biology and cancer research. Experience in cell culture and standard molecular biology techniques is required. Prior experience in protein post-translational modifications is desired. The successful candidate is expected to have strong work ethic and excellent organizational and communication skills, to be highly

motivated, and be a good team player. To apply, please e-mail a cover letter with a brief description of the current research and research interests, contact information of three references, and a complete CV/resume to: **Wei Yue, PhD, Assistant Professor, Department of Pharmaceutical Sciences, College of Pharmacy, The University of Oklahoma Health Sciences Center, P.O. Box 26901, Oklahoma City, OK 73261-0901. Office: (405) 271-6593 Ext 47828. Fax: (405) 271-7505. Email: wei-yue@ouhsc.edu. http://pharmacy.ouhsc.edu/people/view.asp?User=wyue.** (源于 *Science* [2012-12-04])



博士后
[美国] Rush University

A postdoctoral research associate is available at microRNA research laboratory in Rush University. The candidate will be expected to have strong background in molecular biology and viral vector production such as adeno-associated virus (AAV). A PhD in biological sciences required, with expertise in AAV& miRNA a plus. Stem Cell scientist: A postdoctoral research associate/scientist is available to perform stem cell study in cardiovascular regeneration. A strong background in stem cell study in the areas of stem cells and related publications are required. Molecular biology and DNA study: A postdoctoral research associate/scientist is available to perform DNA study. A strong background in DNA biology and related technologies is required. Molecular biology and atherosclerosis study: A postdoctoral research associate is available to perform atherosclerosis study in mice. A strong background in Molecular biology and atherosclerosis study is required. Please send the current CV and the names and contact information of two references to: **Chunxiang Zhang, MD., PhD, Professor and Chairman, Department of Pharmacology, The Deborah R. and Edgar D. Jannotta Presidential Professor, Rush Medical College, Rush University, 1735 West Harrison Street, Cohn Building 406, Chicago, IL 60612, USA. Tel: 312-563-2563; Fax: 312-563-3552. Email: chunxiang_zhang@rush.edu.** (源于 *Science* [2012-12-04])



博士后
[美国] University of Texas M.D.
Anderson Cancer Center

Postdoctoral positions are available in a research laboratory in the Department of Molecular Carcinogenesis at the University of Texas MD Anderson Cancer Center. Their laboratory focuses on mechanisms of DNA repair by homologous recombination during mouse meiosis. They also examine the impact of meiotic recombination on genomic diversity and architecture. Their approaches include mouse genetics, immunocytology, and newly developed molecular assays for comprehensive analysis of recombination within mammalian genomic contexts. They are seeking candidates who are highly motivated and career-focused to join a collaborative and enthusiastic environment. Active projects in the laboratory include mechanistic analyses of gene function, genome-wide timing and distribution of recombination, and etiology

of meiotic recombination errors. Applicants must have authored at least one publication in a peer-reviewed journal. If interested please send a letter of application, CV, and the names and E-mail addresses of three references to: **Francesca Cole, PhD (E-mail: fcole@mdanderson.org), Department of Molecular Carcinogenesis, M. D. Anderson Cancer Center, P. O. Box 389, Smithville, TX 78957, USA.** (源于 *Science* [2012-12-04])



博士后
[加拿大] University of British Columbia

University of British Columbia, Department of Dermatology and Skin Science is seeking Postdoctoral Fellows in the laboratory of Dr. Gang Li, to study the molecular mechanisms of melanoma pathogenesis and to design novel strategies for melanoma treatment. The current research projects focus on: 1) Biological functions of ING tumor suppressors including UV stress response, PCNA-monoubiquitination and S phase recovery, DNA repair, cell cycle regulation, and apoptosis; 2) Signalling pathways of melanoma cell migration, invasion, angiogenesis, and metastasis; 3) identification of novel prognostic markers and therapeutic targets. Interested candidates are invited to check the recent publications from Dr. Li's laboratory, or visit their website: http://www.derm.ubc.ca/research/skin_cancer_biology_lab.htm. Self-motivated individuals in molecular biology, particularly in cancer field with a strong publication record and less than three years of postdoctoral experience, are encouraged to apply. Applicants should send CV, statement of research interests, and names/contact information of three references to: **Dr. Gang Li, Jack Bell Research Centre, 2660 Oak Street, Vancouver, BC V6H 3Z6 Canada. Fax: 604-875-4497; email: gangli@mail.ubc.ca.** (源于 *Science* [2012-12-05])



博士后
[美国] Women & Children's Hospital
of Buffalo

The Department of Pediatrics at the State University of New York at Buffalo has an immediate opening for a postdoctoral associate in bioinformatics and computational biology for projects focused on the functional genomics of childhood rheumatic diseases. Familiarity with whole-genome analysis from microarray, CHIP-seq, and RNA-seq data also essential. The successful candidate will work with the bioinformatics group at SUNY's Center of Excellence in Bioinformatics (<http://www.bioinformatics.buffalo.edu>). State-of-the-art resources are available. Interested candidates may apply online at: <http://www.ubjobs.buffalo.edu/applicants/Central?quickFind=55811>. (源于 *Science* [2012-12-05])



博士后
[美国] Children's Memorial Research
Center

The research lab of Dr. Isabelle De Plaen in Children's Hospital of

Chicago Research Center (CHCRC) at Northwestern University's Feinberg School of Medicine is accepting applications for postdoctoral research associate positions. PhD in Molecular Biology, Immunology or related field is preferred. Knowledge on signal transduction as well as publication record in pathophysiology and molecular immunology are highly desirable, as well as experience with animal models, including genetically modified mouse models, basic molecular biology techniques, ChIP assay, laser-capture microsection and skills in molecular pathobiology. The successful candidates will be expected to participate in research projects focused on the developmental aspect of the intestinal epithelial barrier and innate immunity, and pathogenesis of neonatal mucosal inflammation and necrotizing enterocolitis. Postdoctoral fellows in CHCRC have opportunities to enroll into the Research Training Program that is a dedicated endeavor and aims to develop trainees for prolific research careers. Interested parties should submit a letter of application, a CV, and contact information for three professional references to **Ms. Marianne Reed specify "Attention Dr. De Plaen" through email at MReed@luriechildrens.org.** (源于 *Science* [2012-12-05])



博士后
[美国] St. Jude Children's Research Hospital

Postdoctoral positions are available to study the cellular and molecular processes controlling vertebrate organogenesis using available mouse models. They are particularly interested in understanding the cellular and molecular mechanisms regulating the development of the visual system and the lymphatic vasculature using in vivo and 3D organ culture systems. Highly motivated individuals who recently obtained a PhD or MD degree and have a strong background in molecular and developmental biology are encouraged to apply. Interested individuals should send their CV, a brief description of their research interests, and the names of three references to: Guillermo Oliver, PhD, Member, Department of Genetics, St. Jude Children's Research Hospital, 332 N. Lauderdale, Memphis, TN 38105, USA. E-mail: guillermo.oliver@stjude.org, www.stjude.org/oliver. (源于 *Science* [2012-12-07])



博士后
[捷克] Masaryk University

The group of Bioanalytical Instrumentation develops and applies new technologies for analysis of DNA, proteins, glycans and metabolites. This post relates to a new project aiming at chemical reactions performed in microdroplets under electronic control with optical feedback. The instrumentation and protocols will be used to analyze small samples (single or few cells) in conjunction with microfluidic separations and mass spectrometry. This project aims to utilize the newest microfluidic technologies to develop a high throughput sample preparation/analysis system for use in medical

research. The work will include design and fabrication of microfluidic devices and their application for electronic manipulation of microdroplets in liquid media. Due to the multidisciplinary nature of the project it is expected that the successful candidate will communicate with chemists, biologists as well as with electrical engineers. In addition to practical work in the Group of Bioanalytical Instrumentation, there will be exciting opportunities to collaborate with other research scientists within the CEITEC as well as with their collaborators in the Czech Republic and abroad. Degree in chemistry, biochemistry, physics or electrical engineering. Experience with basic methods used in bioanalytical research or for development of microfluidics. Demonstrated ability to work independently as well as co-operatively as a member of a larger project team. Excellent interpersonal, written and oral communication skills Computer literate (MS Office). For further information please contact **Dr. Frantisek Foret**, email: foret@iach.cz, tel: +420532290242. CV including the list of publications, motivation letter and 2 recommendation letters should be sent electronically to foret@iach.cz by 31 January, 2013. (源于 *Science* [2012-12-07])



博士后
[美国] University of Michigan, Ann Arbor

The University of Michigan Water Center (<http://graham.umich.edu/centers/water.php>), the Cooperative Institute for Limnology & Ecosystems Research (CILER) (<http://ciler.snre.umich.edu>), and affiliated UM faculty are seeking EIGHT postdoctoral scholars to explore ecosystem approaches to understanding the world's greatest lakes through a variety of qualitative and quantitative methods that address management needs for the Great Lakes and their watersheds. Fellowship start dates are negotiable through December 2013. Positions will be for a two-year period, with extensions possible pending performance and funding availability. The University of Michigan is an equal opportunity/affirmative action employer. View the RFP for additional information, including application instructions: <http://graham.umich.edu/pdf/water-postdoc-rfp.pdf>. Applications must be submitted online: <http://graham.umich.edu/forms/GrahamOpportunity.php?OppID=14>. (源于 *Science* [2012-12-07])



助理教授
[美国] University of Connecticut

The Department of Molecular and Cell Biology in the College of Liberal Arts and Sciences at the University of Connecticut seeks applicants for a nine-month assistant professor tenure-track position in Microbiology, starting August 23, 2013 (Search #2013172). They are particularly interested in candidates working on microbiomes, host-microbe interactions, or the ecology and evolution of microbial communities. For details on the position, qualifications, and application instructions please visit website: <http://www.jobs.uconn.edu>. (源于 *Science* [2012-11-23])



助理教授

[美国] Birmingham-Southern College

Birmingham-Southern College, a selective national liberal arts college, is pleased to announce a tenure-track assistant professor position in plant ecology beginning Fall 2013. The successful candidate must be committed to excellence in teaching, development of an active research program involving undergraduates, and participation in general education courses. PhD required; postdoctoral experience preferred. Start-up funds are available. Primary teaching responsibilities typically include (on a rotating schedule) a sophomore level evolutionary ecology course, upper level courses in field botany, ethnobotany, and/or related area of expertise, and shared responsibility for introductory level non-majors or majors biology laboratories. He or she is also encouraged to develop a course meeting general education requirements in scientific methodologies and/or natural sciences. BSC is especially interested in qualified candidates who can contribute, through their teaching, research, and/or service, to the diversity and excellence of the academic community. Qualified applicants should submit a letter of application, a CV, undergraduate and graduate transcripts, statements of teaching philosophy and research interests, three to five recent publications, and three letters of recommendation to biosearch@bsc.edu. (源于 *Science* [2012-11-27])



助理教授

[美国] Alfred University

Alfred University's College of Liberal Arts & Sciences invites applications for a tenure-track assistant professor in Biology with a specialization in Human Biology to begin August 2013. They seek someone with a strong commitment to undergraduate teaching in a liberal arts setting, whose research interests can be expanded to include undergraduates. The successful candidate will be able to teach majors and non-majors human anatomy and physiology, participate in the development of a new core biology course on Structure and Function of Organisms and develop upper-level courses in an area of interest. Preferred areas of interest include but are not limited to human anatomy, human physiology, and/or developmental biology. In addition to teaching, faculty responsibilities include an active program of research and scholarship, student advising, and participation in shared faculty governance. PhD and postdoctoral experience preferred; ABD considered (for Instructor rank). Review of applications will begin January 3, 2013, and continue until the position is filled. In one pdf format file, please email (a) application letter, (b) CV, (c) statements on teaching philosophy and research plans, (d) teaching evaluations (if available), and arrange for three reference letters to be sent separately. Official transcripts will be required for employment. Contact: **Search Committee, Division of Biology, Alfred University, One Saxon Drive, Alfred, New York 14802, USA.** Electronic submissions and questions may be sent to **Jean A. Cardinale, Chair, at**

biologydept@alfred.edu. More information can be found at <http://www.alfred.edu/hr/> and <http://bio.alfred.edu/>. (源于 *Science* [2012-12-05])



助理教授

[美国] University of California, Davis

The Department of Food Science and Technology is currently seeking to fill a faculty position, which includes the expectation that the appointee will conduct mission-oriented research and outreach of relevance to the California Agricultural Experiment Station. They seek applications from individuals who have or can establish a strong extramurally funded research program in an advanced contemporary area of chemistry or biochemistry that can be broadly described as impacting food. Candidates are expected to have a PhD (or equivalent) and demonstrated ability in chemistry, biochemistry, food science or a related discipline. Postdoctoral experience is highly desirable. Selection will be based in part on a record of research publications in internationally recognized peer-reviewed journals, and the ability to obtain extramural funding. The successful applicant will be expected to develop an independent, internationally recognized research program and contribute to the mission of the College of Agricultural and Environmental Sciences and the California Agricultural Experiment Station (<http://caes.ucdavis.edu/facstaff/rmap/aes-overview>), teach at the undergraduate and graduate level, and supervise graduate student research. Applicants should submit online at <https://recruit.ucdavis.edu> a letter of application, CV (including list of publications), a statement of research, a separate statement describing teaching interests and background; PDF files of three publications; undergraduate and graduate academic transcripts and names, addresses including E-mail, and telephone numbers of three references. (源于 *Science* [2012-12-07])



助理教授/副教授

[美国] CUNY/City College

The Department of Biology at the City College of New York invites applications for a tenure track faculty position at the level of assistant or associate professor of Biology. They are searching for a candidate with strong research expertise in cellular or molecular neurobiology, and demonstrated expertise in use of cellular or molecular approaches to address complex issues in the nervous system such as learning or synaptic plasticity. This candidate is expected to have or generate an active research program; senior candidates are expected to have a strong history of research funding from federal agencies. The candidate will also be required to participate in undergraduate and graduate teaching, and in their graduate programs. Applicants must have a PhD and postdoctoral experience. Apply online at <http://www.cuny.edu>, applications should also send cover letter and CV to biology@ccny.cuny.edu. (源于 *Science* [2012-12-03]) (责任编辑 孙杨慧(实习生), 秦政)