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博士后
[美国] University at Buffalo

Beginning May 1 2012, a postdoctoral research associate opening will be available in the group of Prof. Swihart. The position is nominally for 1.25 years, with the possibility of renewal for one additional year. The research in this group involves the synthesis and characterization of novel semiconductor nanocrystals that lead to scientifically and technologically interesting optical properties. In addition, this group is also involved in forming unique optical device structures from these nanocrystals. Qualified candidates should have a PhD in the areas of chemistry, chemical engineering, or materials science. In addition, candidates should also have past experience in forming and optically characterizing colloidal-grown nanocrystals. Interested candidates should submit a CV (including a list of three references) via the UBJobs website (<http://ubjobs.buffalo.edu>) referencing posting number **1200191**. (源于 *Science* [2012-04-26])



博士后
[美国] Virginia Polytechnic
Institute and State University

The department of biochemistry at virginia tech seeks to fill a postdoctoral associate position in the lab of Dr. Jinsong Zhu. This position will work primarily on elucidating the juvenile hormone signaling pathway in insects. The successful candidate will join a research team to identify the structural basis for the specific recognition of juvenile hormone by receptor and investigate how the receptor is recruited to the promoters of juvenile hormone target genes. The postdoctoral associate will also need to maintain accurate experimental records, present at national meetings and publish scientific papers. Applicants must have a recent doctoral degree in molecular biology or a related field with a strong background in molecular biology and genetics as evidenced by first-author papers published or accepted in major journals. Preference shall be given to qualified candidates who have extensive experience in molecular analysis of signal transduction and gene regulation. Applicants must complete the online application at <http://www.jobs.vt.edu>, posting **#0121461**, and submit a cover letter, resume, and a list of three references as attachments to that application. Review of applications will begin on May 28, 2012 and continue until the position is filled. (源于 *Science* [2012-04-26])



博士后
[英国] The University of Warwick

Warwick is seeking to attract the most outstanding researchers to ten newly established Warwick Global Research Fellowships.

Candidates will be expected to engage in PhD supervision and to improve teaching skills as part of professional development. Excellent candidates from all fields are invited to apply. Candidates will be based in the IAS but will have a strong presence in a home academic department. Therefore, all applications must be supported by a Warwick academic nominator and the proposed research project should complement the nominated academic department's research interests. Nominators will be required to make a strong case for the applicant's strategic contribution to the research department. Candidates should hold a doctorate or equivalent medical qualification and be within 5 years of PhD graduation, also must have passed the viva and submitted the final copy of thesis to be eligible. Candidates should not have more than 5 years' postdoctoral research/teaching experience or hold, nor have held, a permanent academic post. The posts are available from the beginning of October 2012. For further details and an application form please visit their website below. More information about the IAS is available from www.go.warwick.ac.uk/IAS **Minicom users: 024 7615 0554**. The nomination form can be downloaded from the Warwick website (www.warwick.ac.uk/jobs). Applications without a signed nomination form will not be considered. Interview date: End of June/beginning of July. Closing date: Monday 28 May 2012. (源于 *Science* [2012-04-27])



博士后
[美国] Duke University Medical Center

Postdoctoral fellowship positions are available at Duke University Medical Center, Durham, North Carolina, USA, in a multidisciplinary laboratory headed by Dr. Paulo Ferreira. They focus on i) understanding the molecular bases of diseases with an emphasis on a variety of human disorders leading to neurodegeneration; ii) investigating biological processes and mechanisms underlying cross-talk between intracellular trafficking and signaling pathways, proteostasis and metabolic homeostasis; iii) identifying novel therapeutic targets and mechanisms for translational research. For further information see: <http://csc2.duhs.duke.edu/research/faculty/paulo-ferreira>. Qualifications: Applicants holding a PhD, MD or MD/PhD degree and with solid conceptual and research backgrounds in molecular and cellular biology, genetics and/or biochemistry. Candidates must be highly motivated and with an excellent publication record, present strong and independent research and conceptual skills and be interested in developing novel research directions. Applicants must have strong written and oral communication skills in English. Qualified candidates should send their CV, contact information for three references, a description of current research, and a brief vision of future objectives and career plans. These materials should be sent by E-mail to: paulo.ferreira@duke.edu. (源于 *Science* [2012-05-04])



博士后
[美国] Greehey Children's
Cancer Research Institute

The Greehey Children's Cancer Research Institute (GCCRI) is looking for an outstanding postdoctoral fellow to work in the laboratory of Dr. Alexander Pertsemliadis. They are seeking a motivated, creative postdoctoral fellow to join a team effort to understand how small non-coding RNAs regulate the response of cancer cells to chemotherapeutic agents, through the identification of microRNAs for which expression is a biomarker of either the presence or progression of specific tumors or of the likely response of a tumor to drug treatment, and of microRNA mimics or inhibitors that can be delivered as therapeutic agents for the treatment of such tumors. The candidate must have a PhD or MD in a relevant field preferably with five years or less of postdoctoral experience. Applicants should have excellent communication skills, and ability to conduct research independently. The ideal candidate will have experience with tissue culture of primary and immortalized cells; molecular biology; cloning; RNA and DNA isolation; gel electrophoresis; Western blots; immunofluorescence; cell viability and proliferation assays; phase-contrast and fluorescent microscopy; flow cytometry and cell sorting; and the ability to implement a variety of assays as needed. Additional information regarding the Pertsemliadis lab can be found at: <http://gccri.uthscsa.edu/APertsemliadis.asp>. To apply, please send CV with bibliography, description of research experience and contact information for three references to: **Alexander Pertsemliadis, PhD, Greehey Children's Cancer Research Institute, The University of Texas Health Science Center at San Antonio, Mail Code 7784, 8403 Floyd Curl Drive, San Antonio, TX 78229-3900, USA. E-mail: pertsemliadis@uthscsa.edu.** (源于 *Science* [2012-05-04])



博士后
[美国] Case Western Reserve
University

The Department of Urology at CWRU is seeking two junior scientists (MD or PhD) with training and significant interest in studies of stem cells to take positions as postdoctoral fellows through an NIH Institutional Training Grant (T-32). The positions will focus on development of translational and clinical applications of mesenchymal stem cells in urology in collaboration with some of the most out renowned experts in the field. Competitive salary and benefits with the potential for recruitment after completion of fellowship will be offered. For additional information please contact Laurel Jeffers (E-mail: laj17@case.edu or telephone: 216-844-1451). (源于 *Science* [2012-05-04])



助理教授
[美国] Florida International
University

The Herbert Wertheim College of Medicine at Florida International

University (HWCUM) is accepting applications for an assistant professor position to join the department of cellular biology & pharmacology. Responsibilities include research in biotransformation of arsenic, screening and identification of environmental isolates, cloning and expression of the genes, biochemical characterization of the proteins. Minimum qualifications include a PhD in a biomedical science and three (3) years of postdoctoral experience in arsenic biochemistry and molecular biology. For more information or to apply, please visit us on-line at <http://careers.fiu.edu> and reference job opening ID 504190. Qualified applicants must submit a letter of interest accompanying CV with names and email addresses of three professional references (previous supervisors). (源于 *Science* [2012-04-26])



助理教授
[美国] University of Iowa

The University of Iowa, Department of Anesthesia is seeking an assistant research scientist to join an active NIH-funded laboratory group that is part of the larger University of Iowa Pain Research Program. Research focuses on pharmacological, behavioral and electrophysiological methods to investigate how postoperative pain controls peripheral sensitization. Required qualifications include; a PhD in the biomedical sciences or equivalent professional degree (e.g. MD, DDS, or DVM) as well as practical experience and theoretical knowledge of the field of neuroscience or pain, a minimum of three years postdoctoral experience including experience with electrophysiology, evidence of progressively responsible independent research work including publications in peer-reviewed journals, excellent organizational and communication skills, and ability to work independently and must be self-motivated with strong work ethic. For more information about the position and to apply online, go to website: <http://jobs.uiowa.edu> and reference requisition #60821. Applications will be considered until the positions are filled. (源于 *Science* [2012-04-27])



助理教授
[美国] University of South Carolina
School of Medicine

The department of pharmacology, physiology and neuroscience at the university of south carolina school of medicine in columbia, south carolina invites additional applications for a faculty position at the assistant professor level. New faculty members will join a collegial and collaborative department at a university in the midst of an ambitious program to achieve national prominence in research and education. Candidates with research interests that complement the departmental research programs that focus on studying the molecular or cellular mechanisms underlying physiological processes, complex behaviors, or drug action are desirable, with priority given to their neuroscience-based research focus. Successful candidates will also be expected to participate in medical and

graduate teaching. Applicants must have a doctoral degree and postdoctoral experience. Preference will be given to individuals with experience in medical education, funding success and potential, and research interests that enhance departmental programs targeting neurological and neuropsychiatric disorders. Candidates with necessary credentials will be considered for immediate appointment on the tenure-track as an assistant professor. Qualified applicants may apply by submitting a single electronic file (PDF or Word) that includes a cover letter summarizing qualifications, CV and publication list, a statement of research plans and professional goals, and contact information for four references. The file should be attached to an e-mail message sent to **Dr. Lawrence Reagan** at E-mail: ppn.search@uscmed.sc.edu with "PPN Faculty Search" as the subject before June 15, 2012. For more information about the department including their research programs please visit website: <http://ppn.med.sc.edu/>. (源于 *Science* [2012-05-04])



助理教授
[美国] University of South Dakota
Sanford School of Medicine

The division of basic biomedical sciences at the university of south dakota's sanford school of medicine invites applications for a tenure-track faculty position at the assistant professor level. Applicants should have a PhD or MD-PhD in Neuroscience, Molecular Biology, or a related discipline and at least two years of postdoctoral experience. They seek energetic, interactive individuals whose research interests include cellular mechanisms of learning and memory, stress, brain injury, addiction or nociception (see website <http://www.usd.edu/medical-school/biomedical-sciences> for a list of Neuroscience faculty and a complete list of faculty within the Division of Basic Biomedical Sciences). Successful candidates will be expected to develop an independent, externally funded research program and to participate in teaching graduate or medical students. Application should include CV, a summary of past research and teaching experience, a statement of research interests and future plans, as well as the names of three references. All materials should be sent to the university of south dakota online employment website: <https://yourfuture.sdbor.edu>. (源于 *Science* [2012-05-04])



助理教授/副教授
[美国] Mississippi State University

Mississippi State University is seeking applications for a tenure-track assistant/associate professor position in the Department of Basic Sciences. The successful applicant must have research experience and interest in an area that is relevant to human health disparities. Examples include type 2 diabetes, cardiovascular disease, neurological and/or behavioral disorders, and infectious diseases. Health disparities research has been identified as a university-wide research priority. The Center for Environmental

Health Sciences in the College of Veterinary Medicine is active in health disparities research, and the role of exposure to environmental chemicals (pesticides, for example) in the occurrence of health disparities is a unifying theme within the Center. Individuals with a background in basic, mechanistic research who are willing to collaborate and initiate projects that will address toxicological aspects of health disparities are encouraged to apply as well as those with formal training in toxicology. The successful applicant will be expected to develop an active research program with extramural funding and to collaborate with other faculty in health disparities research. Please send a CV, names and contact information for three persons who can provide letters of reference, and a brief (one page or less) statement of research plans and goals as well as teaching philosophy to: **Dr. Stephen B. Pruett, Department of Basic Science, College of Veterinary Medicine, P.O. Box 6100, Mississippi State, MS 39762, USA. E-mail communication is preferred (E-mail: pruett@cvm.msstate.edu).** (源于 *Science* [2012-04-27])



助理教授/副教授
[美国] University of South Dakota

University of South Dakota's Sanford School of Medicine invites applications for a tenure-track faculty position at the assistant or associate professor level. Applicants should have a PhD or MD/PhD in Microbiology, Immunology or Infectious Diseases or other related fields and at least two years of post-doctoral experience. They seek energetic, interactive individuals whose areas of interest include, but are not limited to, the study of mechanisms used by pathogens to exploit cellular processes and pathogen modulation of host cell responses. Preference will be given to candidates whose research complements existing strengths in the Division. The Division unites the classic basic science medical departments into a single administrative unit; a structure that breaks down traditional boundaries and allows interdisciplinary collaboration to flourish. In addition to infectious diseases other areas of research strength include cardiovascular diseases, oncology, cell and molecular regulation, neuroscience and protein quality control. (see <http://www.usd.edu/medical-school/biomedical-sciences/facultyand-staff.cfm> for a complete list of faculty within the Division of Basic Biomedical Sciences). Successful candidates will be expected to develop an independent, externally funded research program and to participate in teaching graduate or medical students. Excellent start-up funds, state-funded salary commensurate with experience and state of the art research facilities in the new Lee Medical Science Building (Vermillion, SD) will be provided. Application should include CV, a summary of past research and teaching experience, a statement of research interests and future plans, as well as the names of three references. All materials should be sent to The University of South Dakota online employment website at <https://yourfuture.sdbor.edu>. (源于 *Science* [2012-04-27])



助理教授/教授
[韩国] Kangwon National
University

Department of Systems Immunology, College of Biomedical Science at Kangwon National University is seeking an exceptional foreign scientist for a tenure-track faculty position. A well-qualified candidate will have an established track record in the field of Animal Cell Culture Engineering or Bioinformatics/Systems Biology. The applicants are expected to possess a foreign passport and teach both undergraduate and graduate courses in English. Formal application materials should include a cover letter, CV, statement of research interests and future directions, a description of teaching philosophy and the names and email addresses of three references. Submit the application to kmkim@kangwon.ac.kr by May 20, 2012. Questions regarding this position may be directed to **Dr. Kristine Kim, Department Chair, Department of Systems Immunology, at kmkim@kangwon.ac.kr or at 82-33-250-8382.** (源于 *Science* [2012-04-30])



助理教授/副教授/教授
[美国] University of Wisconsin, Madison

University of Wisconsin, Madison invites applications for a tenure-track faculty position (assistant, associate, full professor). Qualifications include PhD or equivalent, postdoctoral experience, ability to develop extramurally funded research program and commitment to excellent teaching. Research area is open, but preference given to neural, respiratory, developmental, or cancer biology. Teaching responsibilities based on expertise. Send CV, brief statements of research interests and teaching philosophies, and three letters of reference to: **Gordon S. Mitchell, Chair, Department of Comparative Biosciences, University of Wisconsin, 2015 Linden Dr., Madison, WI, 53706, USA.** For additional information, see [website: http://www.vetmed.wisc.edu/cbs](http://www.vetmed.wisc.edu/cbs). (源于 *Science* [2012-04-20])



助理教授/副教授/教授
[美国] University at Buffalo

University at Buffalo invites applications for multiple full-time, tenure-track faculty positions at the professor, associate professor, and assistant professor level. They are seeking outstanding individuals capable of establishing and maintaining an independent research program. Research areas of interest include: Host-pathogen interactions pertaining to oral infections, and effects of the resulting innate/adaptive immunity on local and systemic health, including bone (osteimmunology); Salivary research; mucosal immunity of the digestive and respiratory tracts; Oral microbiome and microbiology in oral and overall health and disease; Candidates who bring expertise in immunological, biochemical, bioinformatics, and/or

molecular biological approaches are encouraged to apply, as are those with dual degrees (e.g., DDS/PhD, DMD/PhD, MD/PhD). The successful candidate will be expected to contribute to the teaching mission of the department, including supervision of graduate students in Oral Biology, and instruction in the undergraduate and graduate Dental School curricula. Candidates should hold DDS, DMD, MD, PhD, or equivalent. Successful candidates are expected to have or obtain significant research funding, a national/international research reputation, and appropriate teaching experience. Formal applications for these positions must be made through the UBJobs website at: <https://www.ubjobs.buffalo.edu/applicants>. (源于 *Science* [2012-04-27])



助理教授/副教授/教授
[美国] University of Oklahoma
Health Sciences Center

The Peggy and Charles Stephenson Cancer Center at the University of Oklahoma Health Sciences Center is seeking applicants for a faculty position in Systems Biology. Rank and tenure eligibility will be commensurate with qualifications and experience. They seek exceptional candidates to lead a systems biology research focus at the stephenson cancer center. Candidates should have demonstrated experience in combining experimental and computational approaches to elucidate the function, organization, and functional dynamics of the cancer genome. Candidates should be highly-motivated, have exceptional analytical skills, a strong interest in developing predictive cancer phenotypic models, and the ability and desire to work in a multidisciplinary team of cancer biologists, molecular biologists, clinical researchers, and oncologists. The selected candidate will be responsible for the integrative analysis of high-dimensional genetic and epigenetic data sets related to cancer genesis, progression, metastasis, and drug resistance with a focus on developing predictive diagnostic, therapeutic, and prognostic models and extending these experimental cancer models to clinical applications. Applicants should have a PhD or equivalent degree in a relevant area of cancer research including biochemistry, molecular biology, genetics, genomics, biomedicine, biophysics, bioengineering, chemistry, mathematics, computer science or statistics. Applicants should have relevant postdoctoral research training, demonstrated experience in interpreting cancer-relevant systems biology data sets, and a record of excellence in research as demonstrated through publications and funding. For additional information about the Cancer Center, please visit www.StephensonCancerCenter.org. Applicants should electronically submit a CV, a synopsis of professional goals and research interests, and arrange for at least three letters of recommendation to CancerResearch@ouhsc.edu. Confidential inquiries should be addressed to **Danny Dhanasekaran, PhD, Deputy Director for Basic Research, Stephenson Cancer Center, at danny-dhanasekaran@ouhsc.edu.** (源于 *Science* [2012-04-27])

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