

· 全球招聘新闻 ·



博士后
[德国] Max Planck Institute

Max Planck Institute for Dynamics and Self-Organization opens a postdoctoral position for a postdoctoral researcher. An ideal candidate is a theoretical physicist and has excellent skills in advanced computational techniques, is familiar with foundations of statistical physics and nonlinear dynamics theory, likes to work closely with data, works independently, and has some experience in supervising research projects that are of cross-disciplinary character at the border of theoretical physics, applied mathematics and biology. Please submit your application, in one single PDF-document, including a cover letter, a Curriculum Vitae, concise statements of previous achievements, current, and planned research, a list of publications, relevant certificates, and names of at least three possible referees via E-mail: networks@nld.ds.mpg.de (subject: Theoretical PostDoc Networks) to **Dr. Eleni Katifori and Prof. Dr. Marc Timme, Max Planck Institute for Dynamics and Self-Organization, 37077 Göttingen, Germany**. See also: <http://www.ds.mpg.de/>. Please submit your application until August 30, 2014 for full consideration and by mentioning reference no 12/2014. (源于 *Science* [2014-09-05])



博士后
[丹麦] University of Copenhagen

University of Copenhagen opens a postdoctoral position of Condensed Matter Theory. The position will be part of a growing research environment including collaboration with researchers within the broader condensed matter group at NBI. Significant collaboration and exchange with other theoretical and experimental groups is also expected to take place. For further information on the group please see <http://cmt.nbi.ku.dk>. Further inquiries related to the project can be directed to **Brian M. Andersen** at bma@fys.ku.dk. Further information on the Department is linked at <http://www.science.ku.dk/english/about-the-faculty/departments/>. Inquiries about the position can be made to Robert Feidenhansl. (源于 *Science* [2014-09-05])



博士后
[丹麦] University of Copenhagen

University of Copenhagen opens a postdoctoral position in cell-migration and systems-scale drug discovery. In this position, the successful applicant will perform large-scale integrative studies, combining next generation sequencing, global phospho-proteomics and high content screening, with computational models in order to identify the signaling networks involved in cell migration. Following target identification the applicant will generate novel

antibody based anti-cancer therapies that can be taken further into pre-clinical and clinical testing. Candidates should hold a PhD degree or equivalent in systems biology, molecular biology or other relevant field. Experience in large-scale systems studies, mammalian tissue culture, cell imaging and/or antibody development is desired. Experience in mass-spectrometry and (phospho) proteomics techniques is a distinct advantage. For further information regarding the position, please contact Professor Linding at **+45 2365 1941 or linding@lindinglab.org**. (源于 *Science* [2014-09-05])



博士后
[法国] Pprime Institute

Pprime Institute opens a postdoctoral position. This post-doc is a part of the French ANR program ChoCoComp (CHOc Detection by Innovative Piezochromic COatings on COMposite Materials). The objectives of the post-doc are: to experimentally characterize the damage mechanisms occurring after mechanical impact in both composite substrate and sensitive coating, by using different techniques including laser shock test; to realize a numerical model of the structure (substrate+coating) by finite element calculation; to study the long-term behaviour of the structure (after ageing). The successful candidate must hold a PhD in Mechanical Engineering/Material Science or other relevant discipline and must have a strong background in solid mechanics for composite materials. Previous experience in both experimental and computational fields is expected. A high level of self-motivation, professional competence and a good command of oral and written English, PC skills, the ability to work in a team, as well as alone and good organizational skills are essential. Application requirements: Detailed CV including list of publications; Short statement of previous work (no more than one A4 page); Professional reference letters. Interested applicants should send their complete application to: Fabienne Touchard: fabienne.touchard@ensma.fr and Stéphane Guinard: stephane.guinard@eads.net. (源于 *Science* [2014-09-05])



博士后
[拉托维亚] Latvijas Organiskās Sintēzes
Institūts

Latvijas Organiskās Sintēzes Institūts opens a postdoctoral position. The successful applicant will be part of an interdisciplinary research team including experts in field of preparing and studies of nanoparticles, including magnetic nanoparticles, as well as self-assembling compounds, medicinal chemistry, pharmacology and drug discovery. The candidates must have a PhD degree in natural or life sciences. The candidates

should be experienced with the application of dynamic light scattering equipment (DLS); preparation and investigation of magnetic nanoparticles in the biocompatible medium and magnetic liposomes, have experience in the optical and transmission electron microscopy data interpretation and have fluency in English. Please submit a CV, list of publications, a short description of research activities and skills and contact details of at least one persons, who can serve as references including at least previous supervisor. Applications should be sent by email to the address aiva@osi.lv. (源于 *Science* [2014-09-05])



博士后
[瑞典] Acreo Swedish ICT AB

Acreo Swedish ICT AB opens a postdoctoral position for a two year Post Doc. The project will develop and investigate theoretically, by simulations and experimentally new methods for constructing communications systems for long range transmission (> 1000 km transmission range) with very high capacity. The work will be performed within the EU Marie Curie project ICONE which starts February 1, 2014 and has a duration of 4 years. The work will be in close collaboration with one PhD student at Acreo-Swedish ICT and 2 PhD students from Royal Institute of Technology (KTH) in Stockholm. Topics for study includes: Ways of incorporating features like chromatic dispersion, fiber non-linearities, Raman amplification, and decide which implementations give the best phase noise tolerance; Mitigation of component imperfections in system context; Modulation techniques that are interesting are coherent n-level Phase Shift Keying (PSK) and Quadrature Amplitude Modulated (QAM) systems as well OFDM systems. The Post Doc research will be based on numerical simulations (i.e. using tools like MATLAB, VPITransmission Maker etc.) as well as on experimental verifications in the lab at high transmission speeds in the order of 100 GS/s. See www.acreo.se. (源于 *Science* [2014-09-05])



博士后
[西班牙] Institute for Bioengineering of Catalonia

Institute for Bioengineering of Catalonia opens a postdoctoral position. The successful candidate will be involved in: Experiments in embryonic development of central neural system; Lab on a chip experiments on neural development; Cell migration experiments in confocal microscopy. Requirements for candidates: PhD Degree in Biology or Neurobiology; At least 1~2 year experience in Cell Biology or Cellular Neuroscience; Languages: English (high level) and Spanish (recommendable); Self-critical, capacity to learn and bring knowledge. Interested applicants should send their CV, cover letter and references to: jobs@ibecbarcelona.eu, before 30/09/2014 (Reference: PD-JR). (源于 *Science* [2014-09-05])



博士后
[意大利] University of Rome Tor Vergata

University of Rome Tor Vergata opens a postdoctoral position funded by the ERC Starting Grant nature nanodevices. The overriding goal of this research project is to mimic Nature in the design of novel nucleic acid based nanodevices that detect cancer, provide detection-driven therapy, and monitor treatment efficacy. The candidate will work in an interdisciplinary project that spans the fields of DNA nanotechnology, synthetic biology and bioengineering. The candidate will engineer and optimize highly specific biomolecular DNA-based nanodevices that undergo binding-induced conformational changes upon target binding and, in doing so, signal the presence of the cancer marker or release a therapeutic cargo. Different therapeutic agents that includes aptamers, siRNA and DNA binders will be studied. Different cancer markers will be also taken in consideration including transcription Factors, RNA and DNA, Cell receptors (epitopes expressed on the surface of tumor cells) etc. Requirements: Expertise in bioengineering, DNA sensors, cell imaging, synthetic biology, DNA/RNA aptamers, DNA computation, DNA nanodevices. More information about the project and research carried out in the laboratory can be found at www.francescoriccilab.com. (源于 *Science* [2014-09-05])



博士后
[美国] University of Texas MD
Anderson Cancer Center

University of Texas MD Anderson Cancer Center open postdoctoral positions to work in the area of DNA damage repair and cancer biology. The lab focuses on the roles of tumor suppressor genes and oncogenes in DNA repair and other pathways involved in tumor initiation, progression and metastasis. The approaches they take range from mammalian cell culture, molecular biology, biochemistry to mouse genetics. They are also conducting large-scale proteomic studies for the identification of new components involved in various signal transduction pathways. They are seeking candidates who are self-motivated and career-oriented to join an exciting highly interactive research team. Highly motivated and energetic candidates are encouraged to contact them by **E-mail:** jchen8@mdanderson.org or letter to: **Dr. Junjie Chen, Professor and Chair, Department of Experimental Radiation Oncology, The University of Texas M. D. Anderson Cancer Center, 1515 Holcombe Boulevard- Unit 66 (Room Y3.6006), Houston, Texas 77030, USA.** (源于 *Science* [2014-09-05])



助理教授
[美国] Randolph-Macon College

Randolph-Macon College seeks to hire an evolutionary biologist for a tenure-track position at the rank of assistant professor to

begin in September 2015. Applicants must hold a PhD, be a proven teacher-scholar with a commitment to undergraduate teaching, and establish an undergraduate research program that seeks external funding. Successful applicants will be expected to teach the equivalent of four lecture/lab courses per year, including evolution (lecture only) each semester, one lecture/lab course in their innovative introductory biology sequence, and two upper-level courses with lab in their area of expertise. Review of applications will begin on October 10, 2014 and continue until the position is filled. Interested candidates should submit electronically a cover letter that includes a description of potential upper-level course offerings, a curriculum vitae, a statement of teaching philosophy, a statement of research interests, and unofficial graduate transcripts to **Ms. Barbara Wirth (bwirth@rnc.edu)**, subject line Biology Search. Please submit as one attachment titled with the candidate's last name and first initial. Candidates should also arrange for three letters of recommendation to be sent on their behalf. (源于 *Science* [2014-09-05])



助理教授
[美国] Ohio Wesleyan University

Ohio Wesleyan University invites applications for a tenure track position to begin August, 2015. They seek a field-oriented vertebrate biologist who is committed to teaching in a liberal arts setting and who will develop a productive research program that includes undergraduate students. Primary teaching duties will include a course with a significant field emphasis: either ornithology or a vertebrate field course in the candidate's area of expertise. A successful candidate will also contribute to the department's introductory courses, major and non-major. PhD required. Additional information is available at <http://jobs.owu.edu> or from the search chair, **Dr. David Markwardt (ddmarkwa@owu.edu)**. Completed application packets are to be sent to the search chair and will include: 1) letter of interest (cover letter); 2) current CV; 3) statements of teaching and research interests; 4) copies of all undergraduate and graduate transcripts; 5) three letters of reference; and 6) up to 5 reprints. (源于 *Science* [2014-09-05])



助理教授
[美国] University of California,
Berkeley

University of California, Berkeley is seeking applications for a tenure-track faculty position for a biologist studying adaptation. Successful applicants are expected to integrate with and contribute to their Department's Human Biology curriculum. They seek candidates with a PhD and/or MD degrees (or equivalent) who have demonstrated excellence, originality and productivity in research, and interest in undergraduate and graduate teaching. PhD, MD, or equivalent is required by date of application. The potential start date is July 1, 2015. Applications should be

submitted online through <http://apptkr.com/511851>. Applications should include a curriculum vitae; a list of publications; copies of three significant publications; a brief description of research accomplishments; and a statement of research objectives and teaching interests. Inclusion of a cover letter is optional. (源于 *Science* [2014-09-05])

助理教授



[美国] University of California,
Berkeley

University of California, Berkeley is seeking to fill a tenure-track assistant professor faculty position, with an anticipated start date of July 1, 2015. PhD or equivalent is required by date of hire. Candidates must have completed all degree requirements except the dissertation at the time of application. Applicants should submit a cover letter, curriculum vitae, research statement, summary of teaching experience and interests, and two to five reprints or preprints. Applicants should also arrange for the online submission of three to five letters of recommendation. All letters will be treated as confidential per University of California policy and California state law. Please refer potential referees, including when letters are provided via a third party (i.e., dossier service or career center), to the UC Berkeley statement of confidentiality prior to submitting their letters. Applications must be received by November 13, 2014. Please direct questions to psychsearch2@berkeley.edu, and include "Higher-Level Cognition Search" in the subject line. (源于 *Science* [2014-09-05])



助理教授
[美国] Occidental College

Occidental College invites applications for a tenure-track faculty position in Computational Biology at the assistant professor level to expand its teaching and research offerings in the understanding of living systems through analytical and quantitative techniques. The successful candidate will participate in teaching an introductory or intermediate level biology course as well as an intermediate or upper level course in the area of specialty, and to develop a rigorous, externally fundable research program involving undergraduates. Applicants should submit the following: (1) a letter of interest demonstrating a commitment to academic excellence in a liberal arts environment (2 pages suggested), (2) a statement concerning instruction in a socioeconomically, ethnically, culturally and intellectually diverse environment, (3) a statement of research interests (2-3 pages), (4) a statement of teaching philosophy (2-3 pages), (5) evidence of teaching effectiveness, if available, and (6) a curriculum vitae. At the end of the cover letter, please include contact information for three references. Application materials should be addressed to **Dr. Dan Pondella, Chair, Computational Biology Search**, and sent by E-mail to biology@oxy.edu. (源于 *Science* [2014-09-05]) (编辑 孙杨慧(实习生), 石萌萌)