RESEARCH ASSOCIATE IN NEUROSCIENCE

Position available at POSTDOCTORAL or ASSOCIATE RESEARCH SCIENTIST level at Yale Medical School, for Ph.D. or M.D. with prior experience in axonal biology or neurodegeneration, to join a multidisciplinary team studying mechanisms of injury in peripheral neuropathy and central axonopathies including EAE (see Persson et al, Trends in Molecular Med., 22:377-390, 2016; Estacion et al, J Neurophysiol., 114(3):1554-64, 2015). Prior publications in neuroscience, and expertise with tissue culture, immunocytochemistry, and morphometrics are essential. Experience with in vitro and/or in vivo models of nerve injury, neuroregeneration, neuroglial interactions, or bioenergetics are desired. This is a superb opportunity for a well-trained neuroscientist to work within a highly productive, highly collaborative group at Yale Medical School. Send CV, statement of interest and three letters of reference to: Stephen G. Waxman, MD, PhD, Center for Neuroscience and Regeneration Research, Yale University, email: stephen.waxman@yale.edu. Equal Opportunity/Affirmative Action Employer.

POSITIONS OPEN

POSTDOCTORAL RESEARCHER in CANCER LAB OF DR. MING YOU

Postdoctoral researcher positions are open in the laboratory of Dr. Ming You at Medical College of Wisconsin (Milwaukee, WI). Successful candidate will work on one of the following projects: (1) immunoprevention of cancer using peptide vaccines; (2) chemoprevention of cancer with mitochondria-targeted agents; and (3) identification of predictive biomarkers of cancer using next-generation sequencing technology. Ideal candidates will have a strong background in cancer immunology, synthesis and characterization of mitochondria-targeted agents, or computational biology (NGS including single cell sequencing, mRNA/miRNA sequencing, and exosome-related miRNA sequencing). Individuals should be able to work independently and have strong English communication and writing skills. Interested applicants should send curriculum vitae, statement of research interests and contact information for three references to Michele Ward at e-mail: mward@mcw.edu. Application Deadline is October 31, 2016.
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AbbVie has made a commitment to finding new therapies for Alzheimer’s Disease and other neurodegenerative diseases by opening the Foundational Neuroscience Center (FNC) in Cambridge, Boston.

We seek a proteostasis expert to lead a team of 10 scientists. As a member of the FNC leadership team, the ideal candidate will have a strong publication record with a vibrant international network. Prior experience in biotech is advantageous – a desire to see novel discoveries translate into patient benefit is essential.

We seek scientists at all levels for research groups investigating neuroinflammation and tau pathobiology.

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Young Investigators Awards and Postdoc opportunities in Brazil

The São Paulo Research Foundation (FAPESP), one of the leading Brazilian agencies dedicated to the support of research, offers funding schemes to bring researchers from abroad to excellence centers in São Paulo (Brazilian citizenship is not a requirement):

- **Young Investigators Awards (YIA):** this program is open to scientists who have had a few years of post-doctoral experience and demonstrated research leadership capabilities to lead the creation of new research group in the state of São Paulo, Brazil. The selected candidates will start and lead their own research groups working in internationally competitive themes. The research project will have a duration of 4 years (extendable for another year) and the funding request can include: research equipment, consumables, travel, laboratory infrastructure, a fellowship for the Principal Investigator (to be paid for three years of until the PI obtains a permanent contract at the university or research institute hosting the project), and scholarships for MSc and DrSc students to be supervised by the PI. From 2013 to 2015 FAPESP awarded 198 Young Investigator Awards. Interested candidates can contact FAPESP at yia@fapesp.br. A sample of recently approved proposals can be seen at www.fapesp.br/en/postdoc.

- **FAPESP Post-Doctoral Fellowships:** program is open to researchers with a recent doctorate degree and a successful research track record. There are two entry points: (1) open positions are announced at www.fapesp.br/oportunidades; (2) candidates can also contact directly a prospective supervisor in higher education and research institutions in São Paulo and discuss the preparation of a proposal which can be submitted to FAPESP on a rolling date basis. Fellowships include a stipend, travel costs to and from São Paulo, Brazil, support for relocation expenses, plus 15% of the yearly stipend paid to be used in small research expenses. Awardees of FAPESP post-doctoral fellowships can request an additional fellowship to spend up to one year working in a high profile international research group. Norms for the Post-doctoral Fellowships Program are at www.fapesp.br/en/postdoc.

From 2013 to 2015 FAPESP awarded 2,513 Post-doctoral Fellowships. A sample of recently approved proposals is at www.fapesp.br/37960.
Hiring Faculty? The October 7 feature covers business principles for researchers. Reach Science readers and share opportunities at your university.

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The competition is open to applicants of any citizenship or nationality who have been accepted to join a laboratory as postdoctoral fellows. Applicants must have a PhD and/or MD (or equivalent) by the start of the grant term and have no more than 12 months of postdoctoral research experience at the time of the application due date. The competition is open to applicants of any citizenship or nationality who have been accepted to join a laboratory as a postdoctoral fellow at a research institution located in the U.S. (including Puerto Rico). The program is open to basic science researchers and physician-scientists in all biomedical and life science disciplines.

Awards may start as early as November 15, 2017 but no later than January 15, 2018.

Applications are due on February 15, 2017. Mentor and reference letters must be received by February 23, 2017.

Additional information: www.hhmi.org/HannaGrayFellows2017
For questions contact program staff at fellows@hhmi.org

UNIVERSITY OF MICHIGAN
MATHEMATICAL/COMPUTATIONAL BIOLOGY

The Department of Mathematics and the Department of Molecular, Cellular, and Developmental Biology (MCDB) in the College of Literature, Science and the Arts at the University of Michigan solicit applications for faculty positions in mathematical/computational biology at the assistant professor level, but appointment at a more senior level is possible for applicants with suitable experience. We encourage applications from scientists with a strong background in the life sciences who use mathematical modeling, or apply computational approaches to large datasets to understand basic cellular, genetic, developmental and/or physiological processes. We are most interested in candidates who not only use, but also develop cutting edge models and tools from applied, computational and/or interdisciplinary mathematics to solve real world problems in the biological sciences. The faculty position will be tenure track or tenured with a university year appointment starting September 1, 2017 or January 1, 2018. Successful candidates will be expected to establish a vigorous, extramurally funded research program and to be involved with instruction of both undergraduate and graduate students. For further information about research areas in Mathematics please visit https://lsa.umich.edu/math, and for MCDB http://lsa.umich.edu/mcdb.

All applications must be submitted on-line at http://www.mathjobs.org. You will be asked to upload the following materials: A cover letter, a curriculum vitae, a brief summary of recent research accomplishments and statement of future research plans, a statement of teaching philosophy and experience, and evidence of teaching excellence for those who have teaching experience. Candidates for appointment at the assistant professor level should provide names and contact information for at least three references, as instructed in the on-line application form. To ensure full consideration, all materials should be received by October 14, 2016.

Women and underrepresented minorities are encouraged to apply. The University of Michigan is supportive of the needs of dual career couples and is an Equal Opportunity/Affirmative Action Employer.

Tenure-Track Position in Animal Behavior

The Department of Biology at University of Pennsylvania invites applicants for a tenure-track position in Animal Behavior at the level of Assistant Professor. We are especially interested in integrative research that explores animal behavior in a natural context. We will consider all types of behaviors and animal models, but we have a particular interest in behaviors that include a social, interactive component. The anticipated start date for this position is July 2018.

Penn’s Department of Biology has a long-standing tradition of maintaining an integrated research and educational program across all basic biological sciences, including Molecular and Cellular Biology, Microbiology, Neuroscience, Animal Behavior, Genomics, Ecology and Evolution, and Plant Sciences. The Department values interdisciplinary research, collaboration, and collegiality, with a vision that emphasizes “Life in its Natural Context”.

Candidates are expected to have demonstrated excellence and productivity in research and to participate in undergraduate and graduate teaching. Interested candidates should submit materials through http://facultysearches.provost.upenn.edu/postings/957 and include a curriculum vitae, concise statements of research and teaching interests, a short annotated description of up to five publications, and the name and contact information of at least three referees. Recommenders will be contacted by the University with instructions on how to submit a letter to the website. Review of applicants will begin November 7, 2016 and continue until the position is filled.

The Department of Biology is strongly committed to Penn’s Action Plan for Faculty Diversity and Excellence and to creating a more diverse faculty (for more information see: http://www.upenn.edu/almanac/volumes/v58/n02/diversityplan.html). The University of Pennsylvania is an Equal Opportunity Employer. Minorities/Women/Individuals with Disabilities/Protected Veterans are encouraged to apply.
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8. Visit our Career Forum and get advice from career experts and your peers.

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*FROM THE JOURNAL SCIENCE  AAAS*
The Department of Medicinal Chemistry and Molecular Pharmacology (http://www.mcmp.purdue.edu) invites applications for MULTIPLE TENURE-TRACK FACULTY POSITIONS at all ranks. Preference will be given to qualified candidates with strong programs in neuroscience that complement or strengthen the existing departmental focus areas, although outstanding candidates in cancer biology, immunology, infectious diseases, and/or medicinal chemistry will also be seriously considered.

The Department offers a unique multidisciplinary and collaborative environment with synergistic strengths in both chemistry and biology, spanning a wide range of topics including signal transduction, epigenetics, macromolecular structure and function, structural and computational biology, molecular pharmacology, systems biology, chemical biology, medicinal chemistry, and drug discovery. The Department also contributes significantly to the NCI-designated Purdue University Center for Cancer Research (https://www.cancerresearch.purdue.edu/), Purdue Institute for Integrative Neuroscience (http://www.purdue.edu/discoverypark/pillars/integrative-neuroscience-center/index.php), Purdue Institute for Inflammation, Immunology and Infectious Disease (http://www.purdue.edu/discoverypark/pillars/piid/index.php), and Purdue Institute for Drug Discovery (http://www.purdue.edu/discoverypark/drug-discovery/).

Purdue University is investing more than $250 million in the life sciences over the next five years and offers state-of-the-art facilities for transgenic animals, imaging, genomics, bioinformatics, proteomics and metabolomics, NMR, X-ray crystallography, CryoEM, and chemical genomics. Faculty have the opportunity to train graduate students in the departmental and university-wide interdisciplinary programs. Highly competitive salary, start-up funds and laboratory space will be provided.

Candidates must have a Ph. D. degree or equivalent in a relevant scientific discipline and relevant post-doctoral experience. The successful candidate will be expected to establish and/or maintain a strong extramurally-funded research program and will participate in undergraduate, professional, and graduate education/teaching. Applications should consist of (1) a cover letter including the names and contact information of three references, (2) a curriculum vitae, (3) a statement of teaching philosophy and experience, and (4) a summary of planned and/or ongoing research. These materials should be submitted electronically to http://purdue.taleo.net/careersection2/tf糟jobdetail.1?job=1602100&lang=en&csm_id=mailt@V-A&yleV-U. Please contact Barb Mullenberg at davidsha@purdue.edu if you have questions about uploading documents or the search. Review of applications will begin on October 15, 2016 and will continue until the positions are filled. Applications will be held in confidence until the interview phase of the process, and the applicants’ permission to contact references prior to that time will be obtained. A background check will be required for employment in this position.

Purdue University is an EOE/AA Employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.