Postdoctoral Scientist
Molecular Pharmacology of Invertebrate G Protein-Coupled Receptors (GPCRs)
Departments of Entomology and Medicinal Chemistry & Molecular Pharmacology,
Purdue University, West Lafayette, IN, 47907, USA

Purdue University is seeking a dynamic, highly motivated scientist to join the internationally recognized research team of Drs. Catherine Hill (Dept. Entomology) and Dr. Val Watts (Dept. Medicinal Chemistry and Molecular Pharmacology). The successful applicant will lead an NIH-funded research project to develop next generation insecticides to control arthropod vectors of disease. This individual will work at the interface of infectious disease research and drug discovery, and liaise between research teams in both departments.

Responsibilities: Areas of research will include allosteric modulators, biased ligands, chemoinformatics, drug discovery, identification, cloning and molecular characterization of invertebrate GPCRs, insecticide assays and mosquito culture.

Qualifications: The successful applicant will have a Ph.D. in molecular pharmacology or equivalent and a record of outstanding scholarly achievement as evidenced by publications in high impact, peer-reviewed journals and presentation of research at national/international meetings. Strong communication (written and oral) skills, and demonstrated experience working collaboratively with multi-disciplinary teams of scientists is essential. Experience in GPCR research is preferred. Experience in vector biology, insect culture and insecticide discovery is desirable.

Salary: Commensurate with experience, plus competitive benefits package. For more information see: http://www.purdue.edu/hr/Benefits/

Term/Availability: Two-years with option for continuation.

How to apply:
Please submit a statement of interest and curriculum vitae including name and contact details for three referees to: Drs. Catherine A. Hill (hillca@purdue.edu) and Val Watts (wattsv@purdue.edu).

The search will commence immediately and continue until a suitable candidate is identified.

For more information regarding the research program:
Meyer et al., 2012, DOI: 10.1371/journal.pntd.0001478
Conley et al., 2015, DOI: 10.1124/jpet.114.219717
Nuss et al., 2015 DOI: 10.1371/journal.pntd.0003515

About Purdue: Purdue University offers a collaborative, supportive environment for research and career development and consistently ranks in the top 100 Universities by US News and World Reports. The College of Agriculture ranks 5th globally in the 2015 QS World University Rankings. The University has recently invested $60M in the Life Science Pillars: http://www.purdue.edu/newsroom/releases/2015/Q4/purdue-makes-major-new-investments-in-the-life-sciences.html

Purdue University is an EOE/AA employer fully committed to achieving a diverse workforce. All individuals, including minorities, women, individuals with disabilities and protected veterans are encouraged to apply.