Research Technologist

Antimalarial Drug Target ID Project Leader

The laboratory of Manuel Llinás in Biochemistry and Molecular Biology and the Huck Center for Malaria Research at Penn State University seeks applicants to lead a team of investigators working on antimalarial drug target identification. This highly collaborative project funded by the Bill and Melinda Gates Foundation uses mass spectrometry-based metabolomics to determine the mode of action of a wide range of effective antimalarial compounds. Since this work is part of a larger consortium of activities surrounding the investigation of these compounds, detailed coordination of our efforts is critical to the success of this project. The Llinás lab has extensive experience measuring the effect of antimalarial drugs on parasite metabolism using liquid chromatography-mass spectrometry and NMR (Allman et al. 2016). In addition to data acquisition, data analysis and interpretation are critical to the success of this work. Applicants will be expected to conduct laboratory experiments independently while carefully managing and recording experimental conditions. Applicants should possess the ability to work well with others and must have excellent organizational skills and flexibility to handle multiple tasks simultaneously and have a strong attention to detail, and strong computer skills.


Please submit a CV and contact information for three references that can provide letters of recommendation to manuel@psu.edu

For more information see: http://llinaslab.psu.edu