

January 30, 2012

Research Assistant (Lipids/TLC/HPLC), UAS1316
Biological Sciences

Salary Range: \$15.00 /Hourly

Work Schedule: Part-time, hours to be determined with a maximum of 20 hours per week, non-exempt classification. This position does not provide benefits. This position has a contract end date of on or before May 31, 2015.

Essential Functions:

Under direct supervision of Dr. Porter and a research associate, the incumbent will participate in the analysis of existing animal models and human samples to explore the role of lipids in innate immunity, perform lipid extraction and analysis, develop a total lipid quantification assay, establish an in vitro cell culture model and participate in general lab maintenance.

Specific Job Duties include but are not limited to:

60% of time: Characterize antimicrobial lipids in secretions and cell extracts from in vitro and in vivo systems by thin layer chromatography and HPLC, and with antimicrobial assays. Develop a total lipid quantification assay. Participate in developing methodology to test the role of antimicrobial lipids in innate immunity.

15% of time: Supervise and train undergraduate students in the Porter lab and train other researchers in various related research projects.

20% of time: Participate in lab maintenance such as but not limited to: ordering; stocking orders; cleaning refrigerators and freezers; routine cleaning of two HPLC instruments.

5% of time: Participate in scientific data communication including preparation of publication quality figures, assisting in manuscript preparation, and conference presentation and performs other related duties as assigned.

Requirements: A completed UAS employment application is required. B.S. degree from an accredited four year college or university in Biology, Biochemistry or related field. Experience in lipid extraction, TLC and HPLC; General lab skills to include but not limited to buffer preparation, pH-ing, and simple calculations for dilutions. Data analysis and graphing skills. Fingerprinting will be taken and checked by the California Department of Justice and FBI.

Special desired qualifications: Experience in protein analysis, cell culture, and training students. Experience in working with BSL1 and BSL2 microorganism. Qualified to work with tissue and fluid samples of human origin.

Review of applications/resumes will begin February 6, 2012 and will continue until the position is filled; however, the position may close when an adequate number of qualified applications are received. A completed UAS employment application is required.

<http://www.calstatela.edu/univ/uas/hrmformtemp.php>

You may apply to: uashr@cslanet.calstatela.edu or mail to: Cal State LA University Auxiliary Services Inc., 5151 State University Drive, GE 310, Los Angeles, CA 90032-8534.

UAS hires only those individuals lawfully authorized to work in the United States. Americans with Disabilities (ADA) requested accommodations should be made in advance to the UAS Human Resources Department. UAS is an Affirmative Action/Equal Opportunity Employer.