

The American Society of Pharmacognosy

<https://temp.pharmacognosy.us/job/postdoctoral-fellow-emory-university/>

Postdoctoral Fellow Emory University

Description

This position is for the Quave Research Group (<https://etnobotanica.us/>) in the laboratory of Dr. Cassandra Quave (<http://cassandraquave.com/>). The research focus of the group is on the pharmacological evaluation of plant-derived natural products for antimicrobial applications. The successful candidate will have a doctorate in microbiology, pharmacology, pharmacognosy, immunology or a related field. Experience in animal research (murine models of infection) is essential. The candidate project is focused on animal models of inflammatory skin disease, specifically atopic dermatitis. The candidate will undertake bench and in vivo studies on the anti-virulence activities of plant-derived small molecule inhibitors of quorum sensing in skin microbiota and assess safety and efficacy of leading candidate molecules in vivo.

<https://faculty-emory.icims.com/jobs/103638/job?mobile=false&width=1540&height=500&bga=true&needsRedirect=false&jan1offset=-300&jun1offset=-240>

Responsibilities

Helps design and conduct research within a specified field while receiving advanced training from a designated Principal Investigator to enhance professional skills and research independence needed for pursuit of a career. The specific area of research in which the trainee is mentored is determined by the department and laboratory of the Postdoc. Designs and evaluates experiments. Develops new ideas that promote current research. Prepares and publishes scientific manuscripts under the direction of the Principal Investigator. May be responsible for operation of specific equipment. May teach techniques to others, train, and supervise research staff. Positions are temporary appointments as a research trainee. The initial appointment is for one year, renewal expected if progress is satisfactory and funds are available. Appointments cannot exceed five years.

Qualifications

A doctoral degree or equivalent (Ph.D., M.D., ScD., D.V.M., DDS etc) in an appropriate field. Excellent scientific writing ability and strong oral communication skills. The ability to work effectively and collegially with colleagues. Additional qualifications as specified by the Principal Investigator.

Contacts

Dr. Cassandra Quave, cquave@emory.edu

Hiring organization

Emory University

Employment Type

Full-time

Job Location

Atlanta, GA

Date posted

January 7, 2023

Valid through

10.02.2023