Postdoctoral Research Fellow, Natural Products Research, University of Michigan

Hiring organization
University of Michigan

Employment Type
Full-time

Job Location
Ann Arbor, Michigan

Date posted
July 26, 2024

Valid through
31.10.2024

Description

The Department of Medicinal Chemistry at the University of Michigan has an immediate opening for a natural products chemist. Project opportunities shall include, but are not limited to, the discovery of microbial natural products, bioassay testing, metabolomics, and screening library design. The Postdoctoral Research Fellow will work in a team environment collaborating with biologists, geneticists, and other chemists working to solve critical problems in the drug discovery sciences.

https://pharmacy.umich.edu/medchem

Responsibilities

The Postdoctoral Research Fellow must demonstrate an ability to balance a portfolio of research projects and effectively communicate results (both orally and in written reports) in a timely manner to collaborating partners. The lab director will work closely with the individual toward the development of essential professional skills including mentoring junior lab members, general laboratory management, and proposal development. The Postdoctoral Research Fellow will receive written and oral feedback, as well as support in creating and revising an individual professional development plan.

Qualifications

A Ph.D. at the time of employment in the chemical sciences (or pertinent research in an allied field) is required. Experience in the form of published, hands-on work concerning natural product purification, structure determination, and allied organic and analytical studies is necessary. Experience in the semisynthetic transformation of natural products, metabolomics, genome analysis, and bioassay design/testing are preferred skill sets but not required.

Interested candidates should send a CV that outlines past academic and/or professional experiences, a summary of

publications, and a list of at least three professional references (with contact information). Additionally, candidates should submit a summary (2-3 pages maximum) of past research highlighting major achievements. Applications and related inquiries should be directed to Dr. Robert Cichewicz at rcic@med.umich.edu.

Contacts

Dr. Robert Cichewicz at rcic@med.umich.edu