

The American Society of Pharmacognosy

<https://www.pharmacognosy.us/job/postdoctoral-research-associate-position-in-natural-product-biosynthesis-in-nematodes/>

Postdoctoral Research Associate Position in Natural Product Biosynthesis in Nematodes

Description

A postdoctoral position is immediately available in the area of natural product biosynthesis at the University of Florida. Successful candidates will join a multidisciplinary research team to identify bioactive small molecules in nematodes using comparative metabolomics and NMR spectroscopy and to study their biosynthesis and biological activity. The Butcher Group discovers novel nematode natural products and explores their role in chemical communication (<https://butcher.chem.ufl.edu/>). Relevant publications include PMID 34389721, 38183989, 32702987, 27501395.

Responsibilities

The candidate should be eager to use chemistry expertise to solve biological problems and should have training in one of the following: (1) the use of protein biochemistry to study natural product biosynthesis or (2) the use of HPLC, LC/MS and NMR spectroscopy and/or comparative metabolomics to elucidate the structures of natural products and study their biosynthesis. Additional duties include mentoring graduate students, drafting manuscripts, and assisting with grant proposal development.

Qualifications

A Ph.D. in chemistry, biochemistry, chemical biology, or a closely related field is required. The candidate should have a demonstrated ability to publish results and a willingness and ability to collaborate with others.

Contacts

Please send cover letter, CV, and names of references to Prof. Rebecca Butcher at butcher@chem.ufl.edu.

Hiring organization

University of Florida

Employment Type

Full-time

Job Location

Gainesville, FL

Date posted

May 31, 2024

Valid through

31.12.2024