

The American Society of Pharmacognosy

<https://www.pharmacognosy.us/job/postdoctoral-research-associate-nci-natural-products-branch/>

Postdoctoral Research Associate- Natural Products Branch, NCI

Description

The Natural Products Branch at the National Cancer Institute will have a postdoctoral position available in late 2021. The position will be located at the NCI-Frederick Maryland campus. Based on performance and yearly evaluations, the duration of the fellowship will be for 5 years. The fellowship is not restricted to U.S. citizens. The fellowship stipend starts at ~\$54,950 per annum and is determined based on qualifications and years of relevant experience. This position is subject to a background investigation. The NIH is dedicated to building a diverse community in its training and employment programs; underrepresented minority candidates are encouraged to apply. DHHS, NIH, and NCI are Equal Opportunity Employers.

Responsibilities

The postdoctoral research associate will assist with the isolation and structure elucidation of biologically active natural products identified in a variety of assays targeting cancer, infectious disease, and addiction-related endpoints.

Qualifications

Requirements:

- PhD in Chemistry with a strong emphasis on natural product isolation and structure elucidation.
- Proficient in NMR and mass spectrometry instrumentation and data interpretation.
- Knowledge of separation techniques for the isolation of natural products.
- Expert knowledge of natural product databases.
- Ability to troubleshoot and maintain liquid chromatography systems.

Hiring organization

National Cancer Institute, Natural Products Branch

Employment Type

Full-time

Job Location

Frederick, MD

Date posted

September 29, 2021

Valid through

31.10.2021

Desirable skills:

- Experience in the use of bioinformatic tools for the analysis of MS and NMR spectroscopic data.
- Knowledge of density functional theory calculations.
- Ability to perform semi-synthetic reactions on natural products.
- Experience with large- and gram-scale isolation of natural products.

Contacts

Website – <https://ntp.cancer.gov/organization/npb/default.htm>

Email – tanja.grkovic@nih.gov