

The American Society of Pharmacognosy

<https://www.pharmacognosy.us/job/postdoc-natural-products/>

Postdoc (Natural Products)

Description

The laboratory has strong expertise in the isolation and characterization of natural products and biosynthesis. We employ chemical biology to solve problems in human health. To achieve this goal, we focused on the discovery of microbial natural products from the Baltic area, which includes a fundamental understanding of their structures, biosynthesis, and biological activities. To further drive the research, we are closely collaborating with other groups at LIOS and the Italian biotech company, NAICONS. We offer a friendly, flexible, and innovative working environment.

<https://www.osi.lv/en/vacancies/recruitment-of-the-postdoctoral-researcher-natural-products-of-natural-products-research-group/?fbclid=IwAR2otKUvn6jYwrrQyDBGfOjHJVbXlk8bW90x-mjRYPowDKKu9psXsBDj000>

Responsibilities

To lead a project that involves the discovery of microbial natural products from the Baltic area. To identify the bioactive natural products by interdisciplinary approaches (bioinformatics, metabolomics, omics, bioassays-guided isolation). To characterize the bioactive natural products by spectroscopic techniques (LC-MS, NMR, and chemical derivatization/degradation/synthesis) and molecular biology techniques (heterologous expression and in vitro biochemical assay).

Qualifications

PhD (PhD thesis submitted) in Life Sciences in a field relevant to Natural Product Research.

Contacts

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Hiring organization

Latvian Institute of Organic Synthesis

Employment Type

Full-time

Job Location

Riga, Latvia

Date posted

September 11, 2023

Valid through

13.10.2023