

The American Society of Pharmacognosy

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

Natural Products Scientist at Unigen, Inc.

Description

If you have a passion for natural product research, process development, pilot production of natural compositions, as well as a sense of creativity and a mind for technique, we want to hear from you! Unigen is seeking an energetic, articulate, precise, and results oriented individual for the Natural Products Lab. The Natural Products Scientist assists the organization's natural product research, process development, and pilot production of natural compositions required to discovery and advance leads into pre-clinical development, human clinical trial and commercialization including working in a multidisciplinary team responsible for extraction, isolation, purification, and identification of novel compounds by following biochemical and other high throughput assays.

Responsibilities

ESSENTIAL DUTIES AND RESPONSIBILITIES

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. This position has the main responsibilities but not limited to:

- Works collaboratively with clients and natural product development staff in all aspects to achieve research and development goals
- Ensures quality and excellence of all natural product discovery and development efforts
- Follows established standards and procedures, measuring results against plans and standards, evaluating and improving methods, and making required improvements
- Conducts natural product research including plant sourcing, extraction, isolation, purification, identification, bioconversion, biosynthesis, standardization and quantification of bioactive natural compounds
- Operate and maintain HPLC, LC/MS, NMR, GC/MS and other instruments
- Manages process development, pilot production and scale-up production of natural compositions required to advance leads into pre-clinical development, human clinical trial and commercialization
- Conduct research related to biosynthesis of natural products
- Write reports, manuscripts, patent applications, prepare

Hiring organization

Unigen, Inc.

Employment Type

Full-time

Job Location

Tacoma, WA

Date posted

January 6, 2022

Valid through

31.03.2022

- posters and PowerPoint presentations
- Performs other miscellaneous tasks as required

Qualifications

REQUIRED EDUCATION AND EXPERIENCE

- Ph.D. degree in Natural Product Chemistry with at least 2 years strong natural product research experience
- Strong knowledge and experience in natural compound identification and spectroscopic structure elucidation using LSMSMS and NMR
- Strong knowledge and experience in all aspects of natural product research especially in enzymatic bioconversion of natural compounds, plant tissue and stem cell culture, synthetic biology, genomics, informatics, and fermentation to create natural products
- Ability to collaborate, influence, negotiate and communicate with both internal and external staff, customers, and partners
- Demonstrated strong oral and written communication, presentation, and project management skills with peer-reviewed publications
- Proven research skills in a scientific development environment including technical excellence, team building, and staff development
- Proficiency with computer software programs including MS Office, ScienFinder, Medline and a variety of computerized scientific tools

Contacts

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