

# The American Society of Pharmacognosy

<https://www.pharmacognosy.us/job/laboratory-director-centera-bioscience/>

## Laboratory Director- Centera Bioscience

### Description

This is a two-phase project:

Phase I: Laboratory research, approximately 1 year. Responsible for isolation and purification of botanical material for small organic molecules using preparatory and flash chromatography, reverse phase and normal phase. Identification and structural determination of molecules via HPTLC, UPLC, NMR, and LCMS.

Phase II: Transfer and scale-up, after 1 year. Work with quality, production, and R/D departments to implement a production-scale version of a laboratory research project. Develop and train production personnel and assist in technology transfer from laboratory to production.

### Responsibilities

In addition to project management and advancement, the Research and Development Chemist is responsible for all typical Research and Development laboratory functions, including but not limited to:

- Maintaining a properly detailed up to date laboratory notebook
- Maintaining the order and organization of physical laboratory space
- Maintaining a properly organized and up to date labeled inventory of materials, including but not limited to products, reagents, solvents, isolates, purified materials, and other laboratory supplies
- Maintaining a clean working environment within the laboratory
- Following all industry, scientific, regulatory, and legal best laboratory practices
- Lab-scale, pilot-scale, and industry scale-up
- Candidate will guide production and quality teams in proper scaling of new product production based on results of laboratory research
- Candidate will oversee the process until completion, and then transition to phase I for new products

### Hiring organization

Centera Bioscience

### Job Location

Tempe, AZ

### Date posted

September 22, 2021

### Valid through

31.12.2021

## **Qualifications**

Required qualifications: Minimum BS in chemistry, biochemistry, molecular biology, or similar field. Familiarity with preparative HPLC, small molecule purification, and spectroscopic identification.

Desired qualifications: MS or PhD in chemistry, biochemistry, molecular biology, or similar field. Direct experience and use with preparative HPLC, flash HPLC, and column chromatography. Experience with small molecule purification from biological materials (botanicals). Experience with <sup>1</sup>H NMR, 2D <sup>13</sup>C-<sup>1</sup>H NMR, and MS data for structural elucidation of small molecule organics.

## **Contacts**

Website – [www.nootropicsdepot.com](http://www.nootropicsdepot.com)

Email – [jjursich@centerabioscience.com](mailto:jjursich@centerabioscience.com)