

Research Associate – Chemistry
Job Description

Headquartered in Research Triangle Park, NC, 5Metis, Inc. (www.5metis.com) is a new pure-play discovery agrichemical company with an emphasis on crop health. Founded in 2021, the company resulted from a union of the former Boragen and AgriMetis agrichemical platforms, which combines boron-based small molecule discovery and natural product synthetic biology for discovering new molecules with novel modes of action in the agrichemical space. 5Metis has a business model focused on discovery and early development with eventual partnerships for further development of de-risked compounds with an attractive biological profile.

Position Overview

We are seeking a highly motivated scientist who will be responsible for laboratory experiments in a non-GLP agrichemical chemical laboratory. This is a lab-based position which will initially include responsibilities for the weighing and mixing of formulation components and administration of our chemical/formulations database and chemical/formulations inventories. The successful candidate will work directly with the Lead Formulation Chemist, on a daily basis, to conduct formulation preparation, testing and report writing and will report to the Senior Director of Chemistry.

The successful candidate will work in support of our biological screening by preparing samples and will also be involved in the development and implementation of analytical methods in support of formulations efforts. This role is expected to expand in the future to include assistance of a Lead Analytical Chemist for sample preparations and testing.

The successful candidate will work as part of a multidisciplinary team of biologists, chemists, and business development specialists to help characterize compounds and formulations of interest and generate data to support project advancement, development, and eventual registration of new crop protection products.

Principal Responsibilities

- Work with the Lead Formulation Chemist in formulation development for novel crop protection technology.
- Assist in the analytical and physical characterization of new chemistries and formulations.
- Assist in the preparation and evaluation of new technology and formulations for fungicidal, insecticidal, or herbicidal activity.
- Assist in managing chemical and formulation inventories as well as the compound and formulation databases.
- Responsibility for shipping and receiving of compounds with CROs and collaborators.
- Laboratory management and maintenance, including cleaning glassware, ordering supplies, and maintaining laboratory equipment and instrumentation.

Qualifications and Desired Skills

Education/Experience

- BS in chemistry or related field with 1-2 years of lab experience in chemistry, analytical chemistry, or formulation
- LC/MS experience is preferred
- Formulation chemistry lab experience is preferred
- Crop protection discovery experience is preferred
- Analytical method development is preferred

Desired Skills

- Proficiency in Microsoft Office suite
- Data management and analysis
- Problem solving and critical thinking, along with an ability to work with minimal supervision
- Strong written and oral communication skills
- Ability to perform with aggressive deadlines
- Attention to detail and record-keeping
- Independent thinking while working in a team environment
- Ability to manage more than one project at a time
- Good time management skills

Job Type and Location

Full-time (exempt), laboratory based in Research Triangle Park (Durham), North Carolina

How to Apply

Please send a cover letter and resume to Larry Creemer at jobs@5metis.com with “Research Associate – Chemistry” as the subject of the email.

5Metis is an Equal Opportunity Employer and does not discriminate in recruitment, hiring, training, promotion or any other employment practices for reasons of race, color, religion, gender, national origin, age, sexual orientation, marital or veteran status, disability, or any other legally protected status under federal, state or local law. Reasonable accommodations may be made to enable qualified individuals with disabilities to perform the essential functions.