



## Research Associate II, Biology

Axial Biotherapeutics is a biopharmaceutical company harnessing the link between the human gut microbiome and Central Nervous System to develop a new class of therapeutics that improves the quality of life for people with CNS diseases and disorders. In this exciting lab-based position, this researcher will apply their expertise in biology and biochemistry while collaborating closely with a passionate team in a dynamic environment to deliver important new medicines that help patients and their families.

### **Scope of Role**

In this role, the Research Associate will apply critical thinking, careful technical execution and aptitude for learning new techniques while running established cell-based and biochemical assays, supporting the development of new assays, and analyzing data to support Axial's drug discovery pipeline. This pro-active researcher will collaborate with fellow team members, ensure the smooth function of the lab, look for opportunities to improve efficiency, and share ideas and expertise. They will contribute to Axial's creative, dynamic and collaborative culture and advance new therapies targeting the gut-brain axis to help patients with neurological diseases and disorders.

### **Essential Duties and Responsibilities**

- Execute cellular and biochemical assays to characterize small molecules, biologics and microbes that modulate pathways relevant to pathological processes driving CNS diseases and disorders such as Autism Spectrum Disorder and Parkinson's Disease
- Optimize, trouble-shoot and validate cell based and/or biochemical assays in concert with colleagues to support drug discovery projects
- Analyze and report data to multidisciplinary teams
- Share ideas, creativity and critical thinking across functions, inside and outside the lab, and embrace input from teammates
- Maintain detailed records in an electronic notebook, promote safety and compliance in a BL2 laboratory environment, and contribute actively to the smooth operation of the lab

### **Qualifications**

- Careful, thoughtful and collegial researcher with significant experience in assay development, assay optimization and compound screening to support drug discovery programs
  - Proficiency with a variety of cell biology, microbiology, molecular biology and/or biochemical techniques such as cell culture, qRT-PCR, Westerns or ELISA, protein purification, cloning, transfections, etc.
  - Self-starter with strong problem-solving abilities, resourcefulness, scientific curiosity and desire to learn
  - Outstanding team player with excellent track record working in groups as well as independently, with outstanding and proactive communication
  - Highly detail-oriented and organized, with strong analytical skills and experience reporting data
  - Ability to multitask, prioritize, and function in a fast-paced, entrepreneurial environment
  - Bachelor's or Master's degree in biology, biochemistry or a related field, with at least 3-5 years of relevant lab experience, preferably in an industrial drug discovery setting
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