



Scientist, Cell Biology

Axial Biotherapeutics is a biopharmaceutical company harnessing the link between the human gut microbiome and the 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 scientist will apply their expertise in cell biology, biochemistry and assay development 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

This independent, proactive and creative bench scientist will apply their extensive expertise in cell biology, biochemistry and assay development to help drive Axial's drug discovery efforts. Key responsibilities include developing and implementing *in vitro* assays to support the selection of novel drug candidates and investigation of pathological mechanisms affecting the gut-brain axis. As a member of our discovery team, this scientist will share and expand their expertise, contribute intellectually across disciplines, and learn new skills, supporting Axial's creative, dynamic and collaborative culture.

Essential Duties and Responsibilities

- Apply extensive expertise, creative thinking and trouble-shooting to develop and implement new cell-based and biochemical assays to screen potential therapeutics, elucidate their mechanism of action and enrich our understanding of disease processes
- Design and execute studies and present data with scientific rigor and technical excellence, working independently and collaboratively as part of an outstanding team
- Provide technical and scientific thought leadership in cell biology and biochemistry while personally executing multiple efforts with considerable efficiency and flexibility
- Share ideas, creativity and critical thinking across functions, inside and outside the lab, and embrace input from teammates
- Expand knowledge-base and cross-train with colleagues in other areas, including microbiology
- 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

Essential:

- Outstanding scientific background in cell biology and biochemistry, preferably in neuroscience, gastroenterology, inflammation or immunology
- Expert in development, execution and transfer of cellular and biochemical assays to support drug discovery, including hit to lead and lead optimization
- Strong background in mammalian cell culture, eg, various methods for transient or inducible expression of targets, engineering of stable cell lines, and/or isolation of primary cells
- Deep and broad technical skill set enables measurement of cellular responses at the level of gene, protein, signal transduction and cellular phenotype
- Excellent track record of teamwork, strong communication and focused execution
- BS, MS with 8+ years or PhD with 3+ years laboratory experience, or equivalent

Desirable:

- Neurobiology, microbiology and/or microbiome experience
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