

Artizan Biosciences

Open Position: Research Associate, Neuroimmunology

WHO WE ARE: Artizan Biosciences is a biotechnology company founded by Yale immunologists, that uses a platform to identify and target microbial factors that cause or worsen inflammatory bowel diseases, autoimmune diseases, neurodegenerative disorders and certain cancers. Using our proprietary IgA-SEQ™ technology, we are creating a portfolio of therapeutic agents that address important areas of unmet medical need in an unprecedented manner. We are seeking an additional talented scientist with experience in the field of neuroimmunology to join our team and help us deliver on the promise of our approach.

ABOUT THE POSITION: This is an exciting opportunity to join our new project in the field of Neuroimmunology. We are seeking a full-time Research Associate to conduct studies on the role of the microbiota at the Gut-Brain axis with an initial focus on Parkinson's Disease. The position entails working with an interdisciplinary group of scientists at the intersection of neuroscience, immunology and microbiology to develop novel therapeutics for neurodegenerative diseases. The successful candidate will have relevant educational and practical experience and will actively participate in the laboratory's research. In addition to hands-on experience within the laboratory setting, this role requires a high level of intrinsic motivation, responsibility, and an ability to quickly learn new skills. The candidate must be capable of working independently as well as in a team environment.

KEY RESPONSIBILITIES

- Cell culture maintenance, harvesting and seeding for assay developments.
- Prepare tissue and/or cell lysates for gene and/or protein expression analysis.
- Perform non-surgical manipulations in mice (including gavage, bleeding and i.p. injections)
- Handle mouse and/or human tissues, as well as other biological fluids.
- Run behavioral and immunological phenotyping assays in mice.
- Conduct laboratory work and documentation according to SOPs.
- Maintain proper records and laboratory compliance in accordance with SOPs and safety policies.
- Troubleshoot and complete routine procedures independently and efficiently.

KEY SKILLS AND EXPERIENCE

- In vitro and ex vivo tissue culture techniques (experience with primary neurons or neuronal cell lines, astrocytes, or microglia is a plus).
- Standard molecular biology techniques (including but not limited to any of the following: Immunoprecipitations, Western Blots, ELISAs, DNA/RNA extractions and Real-time PCRs)
- Familiarity with any of the following techniques is preferred: gene delivery with AAV vectors, mouse behavioral tests, immunofluorescence, immunopanning and/or multicolor flow cytometry.
- Ability to think critically, keep up to date with scientific literature and troubleshoot experiments.
- Excellent research record-keeping practices.
- Excellent communication skills and ability to work with others in a collaborative lab environment.
- High motivation, curiosity, strong work-ethics and responsibility.

MINIMUM QUALIFICATIONS

- B.S/M.S degree with 3+ years of academic, pharmaceutical or biomedical research experience in neuroscience, immunology, or a related biological field.

- Proof of eligibility for employment in the United States.
- Interested and qualified individuals should apply at www.artizanbiosciences.com