

Research Assistant (Lab Technician) – Dai lab

Expires on January 13, 2023



Job Description

Dr. Jinye Dai's laboratory is looking for a research assistant (lab technician) to work full-time in her lab in the Departments of Pharmacological Science and Neuroscience at the Icahn School of Medicine at Mount Sinai, New York. The research interests of the Dai lab (<https://labs.icahn.mssm.edu/jinyedailab/>) focus on the interplay between genetic and environmental stressors in the adaptive healthy brain function and pathology of social stress-induced decompensation in neuropsychiatric disorders. The Dai lab has an interdisciplinary research environment, including synaptic physiology, molecular and cellular neural biology, behavioral neuroscience, and human stem cell biology. We apply a multidisciplinary approach combining electrophysiology, RNA sequencing, imaging, biochemistry, induced human neurons, and mouse behavioral studies to gain broader insights into the genetic/molecular understanding of normal and pathological brain function.

We seek a self-motivated research assistant with strong organizational and communication skills to join our enthusiastic, collaborative, and creative team in an outstanding scientific environment. This is an ideal opportunity for recent college graduates who wish to gain hands-on research experience before moving on to graduate school, medical school, or an MD/PhD program in the biological sciences. If you are interested in, please be sure to send your CV, research experience, career goals, and the names and contact information of two references to Dr. Jinye Dai at jinye.dai@mssm.edu.

Requirements:

- The applicant holds a bachelor's degree in a biological science relevant research area but not limited to neurobiology, genetics, molecular and cellular biology, behavioral neuroscience, and human stem cell biology.
- The successful applicant should have good communication skills, excellent organizational skills, prioritization skills, time management skills, and a strong work ethic.
- The successful applicant should have the ability to manage multiple priorities simultaneously, to interact positively and collaborate with all levels of staff, and to work efficiently.
- The applicant has work authorization in the U.S.

Responsibilities:

- The research assistant will take on responsibilities which include assisting for organizing lab supplies, preparing cell cultures, working with laboratory mice (breeding, genotyping, stereotaxic surgery, behavioral studies), and supporting research projects involving genetics, molecular biology, cell biology, and neuroscience for other lab members.
- The research assistant will keep accurate records of lab work/data and participate regularly in weekly lab meetings.