

Research Assistant (Lab Technician) – Guo lab

Expires on June 1, 2023

Job Summary

Dr. Hongchao Guo's laboratory is looking for a research assistant (lab technician) to work full-time in his lab in the Nora Eccles Harrison Cardiovascular Research and Training Institute (CVRTI) at the University of Utah, Salt Lake City. The research interests of the Guo lab focus on deciphering the genetic mechanisms underlying cardiovascular diseases and cardiac development. The Guo lab has an interdisciplinary research environment, including molecular and cellular biology, cardiac physiology, genetics, human stem cell biology, and bioinformatics. We employ cutting-edge technologies including CRISPR screening, single-cell sequencing, human 2D and 3D stem cell models, and animal studies to gain broader insights into the genetic understanding of normal and pathological heart function with the ultimate goal of identifying innovative treatments and diagnostics for patients.

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. Hongchao Guo at hongchao.guo@hsc.utah.edu.

Qualifications:

- The applicant holds a bachelor's degree in a biological science relevant research area but not limited to cardiology, genetics, molecular and cellular biology, computer science, 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.

Essential Functions:

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