

Postdoctoral Fellow – Guo lab

No expiring date

Job Summary

Dr. Hongchao Guo's laboratory is looking to recruit a postdoctoral fellow to 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 scientist with strong organizational and communication skills to join our enthusiastic, collaborative, and creative team in an outstanding scientific environment. We fully provide salary and benefits for postdoctoral fellows, and highly support their career development. If you are interested in, please be sure to send your CV, research experience, career goals, and the names and contact information of three references to Dr. Hongchao Guo at hongchao.guo@hsc.utah.edu.

Qualifications:

- The successful applicant will hold an M.D./Ph.D. in a relevant research area but not limited to cardiology, genetics, molecular and cellular neural biology, computer science, and human stem cell biology.
- The successful applicant will have a strong track record of accomplishment and prior experience with mouse models or human stem cell models. Applicants with electrophysiology, next generation sequencing, induced pluripotent stem cells or bioinformatics background are preferred.
- The ideal applicant should have good written/oral communications skills and a strong work ethic.
- The successful applicant will be capable of working both independently and within a collaborative team.
- The successful applicant will take on responsibilities which include leading projects independently, presenting research results at lab meeting or other conferences, supporting the supervision of lab research, training lab members in specific techniques, preparing manuscript for publications, and preparing postdoctoral grant applications.