

Postdoctoral Position - Neurogenomics

A postdoctoral position is available in the laboratory of [Dr. Helen Lai](#) within the Neuroscience Department of UT Southwestern Medical Center. [The Lai Lab](#) has a strong interest in understanding the molecular and circuit mechanisms that underlie sensorimotor behavior, with a focus on pain and proprioception.

The successful postdoc candidate will play **a leadership role in generating molecular and anatomical atlases of the developing mouse spinal cord**. The goal is to understand the processes by which discrete developmental progenitor domains give rise to the diversity of cell types in the adult spinal cord. This opportunity is ideal for a postdoctoral researcher interested in pursuing a career in biotechnology or establishing an independent research laboratory. The role will provide extensive training in cutting-edge -omics technologies, and the generated dataset will offer numerous research avenues for the candidate's future independent research endeavors.

We are looking for:

- A highly motivated, enthusiastic, and inquisitive postdoctoral candidate with a background in molecular biology, biochemistry, and/or neuroscience.
- Experience with sc/snRNA-seq and ATAC-seq, 10x Genomics sequencing technologies.
- Experience with standard molecular biology, histology techniques, and mouse colony maintenance.
- Experience or familiarity with spatial transcriptomics technologies a plus.
- Team player who works well with others.
- Excellent verbal, written, organizational, interpersonal, and communication skills.

UT Southwestern is a premier research facility with state-of-the-art core facilities and extensive career development opportunities for Postdoctoral Fellows. Candidates must have a Ph.D. and/or M.D. in a relevant field and should have published at least one paper in a peer-reviewed journal.

Information on our postdoctoral training program, benefits, and a virtual tour can be found at <http://www.utsouthwestern.edu/postdocs>.

Interested individuals should send a CV, statement of interests, and a list of three references to:

Dr. Helen Lai (Helen.Lai@utsouthwestern.edu)

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