

A postdoctoral position available in the lab of Dr. Whasil Lee, in the Department of Pharmacology and Physiology at the University of Rochester School of Medicine

<https://www.urmc.rochester.edu/labs/whasil-lee.aspx>

The postdoctoral associate will investigate the roles of Calcium-permeating mechanosensitive ion channels in joint tissue metabolism using mouse models, tissue cultures, and cell biological experiments. First 1~2 years will be supported by NIH award, and the future research direction can be planned with PI.

This position requires: Research interest in mechanobiology, organizational skills, experience with mouse handling (mating, weaning, etc.), tissue harvest, and cell culture skills (mammalian cell culture, transfection), time-lapse microscopy, etc. Scientists in Lee Lab and University core will provide training sessions if needed.

Responsibilities:

- **Conduct research experiments and Data analysis (70%)**
- **Train students (10% effort)**
- **General lab / mouse colony management (10%).** All lab members (student, postdoc, lab technician) work together on mouse colony management
- **Future preparation** - either grant, review papers, outreach etc. (10%).

PhD degree in appropriate discipline - in Biology, or other appropriate discipline strongly preferred or equivalent combination of education and experience

Experience in cell culture and willingness and ability to work with mice is required.

Review of applications will begin immediately and will continue until the position is filled.

The University of Rochester is committed to diversity and equality in education and employment. EOE Minorities/Females/Protected Veterans/Disabled.

The pay range of \$56,484 - \$69,000 represents the minimum and maximum compensation for this job and follows NIH guidelines for postdoctoral stipends. Individual annual salaries/hourly rates will be set within the job's compensation range, and will be determined by considering factors including, but not limited to, market data, education, experience, qualifications, expertise of the individual, and internal equity considerations.

Send CV/resume to Wlee36@ur.rochester.edu