

Post-Doctoral Research Fellow
Department of Biochemistry & Molecular Biology
Lab of Dr. Qiaoli Li
REQ-0028636

A full-time postdoc position is immediately available in the Li laboratory of the Department of Biochemistry and Molecular Biology at Thomas Jefferson University, Philadelphia, PA. The Li lab's research focuses on a wide spectrum of ectopic calcification disorders affecting soft connective tissues, including the skin, eyes, kidney, and cardiovascular system. Many of these diseases, both genetic and acquired, exhibit paradoxical mineralization, with concurrent low bone mass associated with weakened bone mechanical properties. The studies involve the utilization of both in vitro and in vivo models of ectopic calcification and bone diseases to elucidate mechanisms and explore novel treatments. The postdoc will work closely with lab members in bone and mineral research, particularly in rodent (mouse and rat) model systems.

Qualifications

- PhD degree in cell biology and molecular biology.
- For best candidates, previous experience in any of the following areas is desired: cell culture and aseptic technique, and experience working with animals.
- Knowledge and/or experience in bone histology and mechanics studies will be viewed favorably.
- The candidates must have excellent project management, communication, and team work skills.

To apply please use the link below:

https://jeffersonhealth.wd5.myworkdayjobs.com/ThomasJeffersonExternal/job/Philadelphia-PA/Post-Doctoral-Fellow---Department-of-Biochemistry---Molecular-Biology_REQ-0028636-1