Post-doctoral Fellow

Posting Number: 000121

Position Type: Scientific

Classification: Ongoing

Status: Full-Time

Department: Aging & Metabolism - Chiao

Job Summary/Basic Function:

We are seeking a highly motivated postdoctoral fellow to join the Chiao Lab at Oklahoma Medical Research Foundation (https://omrf.org/research-faculty/scientists/chiao-ann/). The lab focuses on understanding the molecular mechanisms of cardiac aging and the interaction of cardiac aging and cardiovascular diseases. The fellow will work on a NIH-funded research project to investigate the roles of mTOR signaling in aging hearts.

The study will involve multiple research techniques including murine echocardiography, adeno-associated virus mediated gene delivery, cell line and primary cell culture, cardiomyocyte contractility measurement, mitochondrial respiration assay, and other molecular biology techniques.

Minimum Qualifications:

Ph.D. degree in biological science or other relevant area, M.D., or equivalent.

The candidates should have excellent written and verbal communication skills and the ability to work independently and in a multidisciplinary research team.

Minimum Degree Required:

Doctorate

Work Hours:

Preferred Qualifications:

Previous lab experience of working with mice, cell culture and molecular biology techniques is highly preferred. Previous experience in cardiovascular or aging research is also preferred.

Recent PhD graduates (within 3 years of postdoc training) who are motivated to apply for postdoctoral fellowships is highly preferred.

Physical Demands:
Regularly required to stand, use manual dexterity, talk or hear; Frequently required to walk and reach with hands and arms; occasionally sit; frequently lift and/or move up to 50 pounds; vision abilities include close vision, color vision, depth perception and ability to adjust focus. Potential exposure to fumes, airborne particles, or rodent dander. May work with toxic, caustic chemicals, radioactive materials, liquid nitrogen, human tissue or blood. Potential risk of electrical shock. Occasional exposure to cold 4C, and/or extreme cold -80C from freezers. Noise level is usually moderate.

To apply, visit https://apptrkr.com/1591970