

Postdoctoral Fellowships

Center for Translational Medicine – Elrod Lab
Lewis Katz School of Medicine at Temple University

Description

We are searching for highly motivated individuals to join the Elrod lab within the Center for Translational Medicine (elrodlab.org). The lab has numerous projects centered on mitochondrial biology and its role in cellular metabolism, heart disease and neurodegeneration. Other projects utilize discovery-based approaches to identify novel genes/pathways in heart failure and neurodegeneration for therapeutic targeting. The lab possesses state-of-the-art equipment and is housed in a new, open-lab designed research building.

All previous lab trainees have acquired salaried fellowships and multiple competitive awards. Examples of our latest work can be found in the journals *Nature*, *Circulation*, *Circulation Research*, *Nature Communications* and *Cell Reports*.

Postdoctoral fellow duties will include: organizing and implementing complex research projects, the development of new methods, experimental testing and data collection, analysis and interpretation of data, writing detailed scientific reports and mentoring graduate and undergraduate students. The candidate will be expected to possess superior communication skills and present their research findings at national and international meetings. No teaching will be required of this position. Competitive salary and benefits such as health insurance and paid vacation are provided.

To apply for this position please email a cover letter, curriculum vitae, and 2-3 letters of reference **in a single PDF** to:

Lab manager, Mr. Trevor Tierney, (trevor.tierney@temple.edu) and Dr. John Elrod (elrod@temple.edu)

Requirements

The qualified candidate must possess a PhD in molecular biology, physiology or similar field. Prior experience in one of the following areas is preferred: mitochondrial biology, mouse models of disease, metabolic signaling, calcium signaling, cell death regulation, Alzheimer's disease, heart failure and cardiac or neuronal physiology. Must be a self-motivated, team-oriented individual with a strong work ethic and excellent communication skills.

www.elrodlab.org

John W. Elrod, Ph.D.
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