Postdoctoral Fellowship
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. The lab has numerous ongoing projects regarding mitochondrial biology and its role in cellular physiology with a focus on metabolism, heart disease and neurodegeneration. Other projects utilize discovery-based approaches to identify novel genes/pathways in programmed necrosis and the development of heart failure. The lab employs numerous techniques from cloning and in vitro cell work, to the generation of mutant mice and surgical models of disease. The lab possesses state-of-the-art equipment and is housed in a new, open-lab designed research building.

The postdoctoral fellow duties will include but are not limited to: organizing and implementing complex research projects, the development of new methods, 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:
Mr. Trevor Tierney, (trevor.tierney@temple.edu) and Dr. John Elrod (elrod@temple.edu)

Requirements
The qualified candidate must possess a Ph.D. 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, cardiac physiology or neurodegeneration. 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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