

Metabolic Biology Laboratory
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Postdoctoral position

A position for a postdoctoral research scientist is available in the Metabolic Biology Laboratory of Dr. Konstantinos Drosatos, Assistant Professor of Pharmacology and member of the Center for Translational Medicine at Temple University School of Medicine, Philadelphia, USA.

The laboratory conducts research in the field of cardiovascular metabolism with the goal of identifying physiological mechanisms and cellular signaling pathways that underlie cardiac energetics complications with important ramifications in heart failure, septic cardiac dysfunction and diabetic cardiomyopathy. Lab members have access to “state of the art” molecular biology, mouse physiology, metabolism and imaging facilities of the Center for Translational Medicine, established in 2012.

The ideal candidate will be self-motivated, have the ability to create innovative ideas and perform experiments to address them, be able to work on a collaborative environment and demonstrate strong communication skills.

Duties and Responsibilities

- Design and perform experiments, analysis, data interpretation and presentation.
- Write manuscripts and grants.
- Interaction with senior and junior members of the Center.
- Interaction with graduate and undergraduate students.
- Involvement in primary molecular biological assays in vitro and in vivo (animal studies, tissue culture, qRT-PCR, immunoblotting, metabolic parameters analysis, cell transfection, molecular cloning etc.).

Desired Skills and Experience

- PhD degree in Molecular Biology, Biochemistry or related discipline with at least 4 years of lab experience.
- Hands-on experience with animals, RNA/DNA isolation, qPCR, cell culture, statistics.
- Strong documentation skills and ability to work in fast-paced environment.
- Must be able to communicate both orally and in writing with staff and professional colleagues.

Application documents

- 1-page cover letter
- Curriculum Vitae
- 2 reference letters (sent directly from referees)

Competitive salary commensurate with experience and skills is provided for at least 2 years.

Documents and inquiries must be sent via email at drosatos@temple.edu.