

Postdoctoral Opportunity in Skeletal Muscle Biology/Perivascular Stem Cells

Funding is available for a postdoctoral position focused on perivascular stem cells and the development of strategies to recover muscle mass and function following disuse atrophy. The position is available in the Molecular Muscle Physiology Lab at the University of Illinois at Urbana-Champaign, Department of Kinesiology & Community Health and the Beckman Institute for Advanced Science and Technology, beginning in August. Extended funding will be available.

Prospective candidates should possess a doctoral degree (completed) and have expertise in the fields of molecular/cell biology, physiology, and/or biochemistry. Prior training in techniques such as mouse handling, electrical stimulation of muscle, cell culture, flow cytometry, stem cell extraction, FACS, exosome isolation, qPCR/genotyping, single cell and whole tissue RNA-Seq, western blotting, and immunohistochemistry is desired. Candidates will work at an interdisciplinary center at the University of Illinois at Urbana-Champaign that offers the opportunity to compete for additional internal funding.

Interested candidates should send a CV via email to:

Marni D. Boppart
Associate Professor
Department of Kinesiology and Community Health
Beckman Institute for Advanced Science and Technology
University of Illinois at Urbana-Champaign
mboppart@illinois.edu
<http://mmp.beckman.illinois.edu>