Post-doctoral Associate Position in Skeletal Muscle Physiology

A Post-doctoral Associate position is available immediately to study skeletal muscle bioenergetics and microvascular function in muscular dystrophies using magnetic resonance imaging (MRI) and spectroscopy (MRS) at the University of Florida (UF).

Our laboratory’s overall research is aimed at: 1) developing MRI/MRS techniques to track disease progression and test promising therapeutic interventions in muscular dystrophies (e.g., gene therapies) and 2) using MR as a tool to provide insight into energetics and microvascular function of skeletal muscle. Our laboratory uses a translational approach that involves experiments with both small animals and humans. UF offers an outstanding environment for career development and research in muscle physiology and neuromuscular diseases.

MR experiments will be conducted in the Advanced Magnetic Resonance Imaging and Spectroscopy (AMRIS) facility, a site of the National High Magnetic Field Laboratory.

We are seeking an individual with a strong background in skeletal muscle physiology and/or exercise physiology. Experience with MRI techniques of measuring perfusion would be an asset. The candidate will be expected to plan and conduct research experiments, prepare manuscripts for publication, and will be encouraged to apply for fellowships.

Applicants should submit their CV and cover letter to Sean Forbes, Ph.D. (scforbes@ufl.edu). The cover letter should include the applicant’s research interests, career goals, and contact information of three references.

Please feel free to contact me with any questions.

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