Postdoctoral position studying the molecular specificity of muscle adaptation to exercise

The Esser Laboratory is seeking a postdoctoral associate to work on a project at the interface of muscle mechanics and cutting-edge molecular approaches. This project is supported as part of the Wu Tsai Human Performance Alliance.

The project is designed to discover unique spatial and temporal molecular markers of exercise specificity. This will require familiarity with *in vivo* models of mouse muscle contraction as well as experience with tissue handling and analysis for both bulk and spatial genomics assays. Some experience with rodent exercise and muscle contractions are preferred, but consideration will be given to those candidates with a strong interest in this training. Postdoctoral associates in the lab receive mentoring from the PI but can take advantage of the breadth and depth of circadian, exercise and muscle scientists at UF.

Qualifications:
- A minimum of a Doctoral degree (PhD, MD, MD/PhD or equivalent) is required.
- Possess working knowledge of skeletal muscle biology and molecular techniques
- Preference given to those with some bioinformatic experience from RNAseq or ChIPseq

Application Instructions: Interested candidates should submit the following documents via email to: EsserLabUF@gmail.com  1) a cover letter outlining your research interests and goals, and 2) a curriculum vitae (CV) that includes lists of publications and contact information for three professional references. Reference letters are not required at this stage, but will be considered during final selection process. Review of applications will begin immediately and will continue until the position is filled.

About the University of Florida: The University of Florida ranks 15th among public universities for research spending with more than $900.7 million in 2020. UF houses several core facilities which provide additional scientific opportunities including the Myology Institute (http://myology.institute.ufl.edu/), University of Florida Older Americans Independence Center (aging.ufl.edu/research/pepper-center/), the Advanced Magnetic Resonance Imaging and Spectroscopy Facility (https://amris.mbi.ufl.edu/) and the Clinical and Translational Science Institute (https://www.ctsi.ufl.edu). Additional relevant information about postdoctoral scholar positions at the University of Florida can be found at http://postdoc.aa.ufl.edu.

The University of Florida is an equal opportunity institution dedicated to building a broadly diverse and inclusive faculty and staff. The selection process will be conducted in accord with the provisions of Florida's 'Government in the Sunshine' and Public Records Laws. Search Committee meetings and interviews will be open to the public, and applications, resumes, and other documents related to the search will be available for public inspection. If an accommodation due to disability is needed to apply for this position, please call (352) 392-7056 or the Florida Relay System at (800) 955-8771 (TDD).