Post-doctoral position in Muscle Biology

This position primarily focuses on regulation of skeletal muscle regeneration and size by nuclear receptors. The selected post-doctoral fellow will have the opportunity to participate in muscle research using transgenic targeting of nuclear receptors in mouse models of muscle disease, and work in collaboration with other laboratories in the world-famous Texas Medical Center. Additional information on our research can be obtained at: https://www.uth.edu/imm/profile.htm?id=1402137.

The selected candidate will conduct experiments in:
- Cultured muscle cells.
- Immunohistological characterization of murine muscle.
- Mouse models of muscle disease.
- Exercise and functional testing in mice.
- DNA/RNA extraction and QPCR analysis of gene expression.
- Cloning and standard molecular biology.

This position requires:
- A recent PhD (degree granted within last 3-4 years) with peer-reviewed publications.
- Extensive experience and hands-on training in the area of skeletal muscle biology using some of the aforementioned approaches.
- Skills such as multi-tasking, creativity, proven independence, methodical approach to experimental design, excellent written and oral communication skills, strong interpersonal skills.

Candidates meeting the above requirement should apply by email (Vihang.a.narkar@uth.tmc.edu) to Vihang Narkar, Ph.D., Brown Foundation Institute of Molecular Medicine, University of Texas Medical School in Houston, TX, 77030. Please include a cover letter briefly describing research interest and future goals, detailed CV, and 3-4 references. Also state “Application for position in muscle biology’ in subject area of the email.