



## **Postdoctoral Research Position in Orthopaedic Surgery**

**University of Pennsylvania, Department of Orthopaedic Surgery, Philadelphia, PA**

The Baxter Lab in the Department of Orthopaedic Surgery at the University of Pennsylvania is seeking exceptional candidates to fill a postdoctoral research position to perform preclinical translational research. The Baxter lab (<https://www.med.upenn.edu/orl/baxterlab/>) is focused on improving rehabilitative care following soft-tissue injuries to restore functional outcomes. Our lab has NIH funded research projects using small animal models and patient cohorts to maximize our research impact on clinical care. This postdoctoral research opportunity will identify precision rehabilitation strategies that promote tendon healing and preserve skeletal muscle following Achilles tendon ruptures in an established rat model. This project has direct clinical translation and the successful candidate will work closely with our clinical collaborators to maximize the clinical impact of this research.

This postdoctoral research position provides a unique opportunity for extensive interdisciplinary interactions between several groups at Penn, including leaders in small animal models, muscle physiology, tendon healing, and clinical care. The successful candidate will be expected to submit multiple papers as 1<sup>st</sup> author, present their findings at scientific conferences, and mentor graduate and undergraduate researchers. We invite interested candidates with diverse backgrounds and training in bioengineering, rehabilitation, physical therapy, kinesiology, and other relevant fields to apply.

The University of Pennsylvania is one of the oldest universities in the United States, and as a member of the Ivy League, one of the most prestigious institutions of higher education. The Perelman School of Medicine is among the top ranked scientific organizations and is at the forefront of new developments and innovations in medical education and research. Specifically, the McKay Orthopaedic Research Laboratory is ranked #1 in NIH funding for Orthopaedic Surgery research and provides outstanding career development opportunities through the NIH supported Penn Centers for Musculoskeletal Disorders (PCMD). The University of Pennsylvania is an inclusive, equal opportunity employer offering attractive conditions and benefits.

**Qualifications and Experience:** All applicants should have either a PhD, MD, or MD/PhD degree in relevant research areas. Candidates with training in physical therapy are highly desirable. The successful applicant will be provided mentoring support while they work independently and supervise research staff to perform clinically impactful research. Candidates must have excellent oral and written communication skills in English, be able to maintain good documentations of their work, and have a strong work ethic. Preference will be given to applicants with a track record of scientific productivity. Candidates from underrepresented groups in the biomedical sciences are *strongly encouraged to apply*.

**Contact.** Interested candidates should send a CV with list of publications and a 1-page cover letter describing their interest in rehabilitation science, key relevant competencies, and available start-date to Josh Baxter, PhD ([josh.baxter@penmedicine.upenn.edu](mailto:josh.baxter@penmedicine.upenn.edu)).