



POSTDOCTORAL POSITIONS AVAILABLE

University of Maryland, College Park

(Posted February 2, 2021)

The Kuo Lab in the Fischell Department of Bioengineering at the University of Maryland (UMD), College Park, has multiple openings for postdoctoral researchers. Projects span mechanobiology of embryonic/fetal tendon development; novel therapeutics for adult tendon injuries and disease; tendon tissue engineering and regenerative medicine; interventions for musculoskeletal birth defects; and medical device and diagnostics development.

Compensation for these positions will be based on NIH guidelines, and will include a competitive benefits and retirement package offered by UMD. Postdoctoral researchers are eligible for renewable, annual contracts with the expectation of completing 2-4 years of training. Flexibility to pursue research in personal areas of interest, apply for grants and fellowships, develop independent research thrusts, and build scientific management expertise will be encouraged.

Candidates may choose from existing projects or work with the PI to propose new directions. Projects are primarily focused on musculoskeletal tissues (tendon, ligament, muscle), and different projects may span multiple research areas, including regenerative medicine, immunology, stem cell biology, developmental biology, mechanobiology, biomaterials, tissue engineering, and/or wound healing. Experience in tendon, ligament, muscle, bone, cartilage, or meniscus is favorable but not required. Experience with rodent or chick embryo models is favorable but not required. UMD is located near top government research and funding agencies including NIH, FDA, DoD, NSF, and NIST in the greater Washington DC region. This proximity provides unique opportunities for research, funding, and networking.

Candidates should be independently motivated, creative, have a desire to learn/develop new techniques and approaches, and have excellent written and oral communication skills – **these attributes are more important than specific areas of previous research experience**. Candidates should have a demonstrated record of publications expected for her/his level of training.

Applicants should hold a Ph.D. in one of the following disciplines (or related discipline):

- Biomedical engineering
- Biomaterials
- Biomechanics
- Chemistry
- Immunology
- Molecular biology
- Developmental biology
- Cell biology

Please include **Postdoctoral Application** in the subject line. Positions are open immediately and will remain open until filled. Please email as a single PDF file: i) cover letter ii) CV, iii) list of references with contact information, and iv) two first-author manuscripts. Cover letter should include career goals, expertise, research interests, expectations for the position, and preferred start date. Please send to kuolab@umd.edu.

The University of Maryland, College Park complies with all applicable federal and state regulations regarding nondiscrimination and affirmative action; all applicants will receive full consideration (<https://uhr.umd.edu/eoo/>).