



Icahn
School of
Medicine at
Mount
Sinai

POSTDOC POSITION - THERAPEUTICS FOR SKELETAL MUSCLE REGENERATION

The Han Lab for Cell-Instructive Biomaterials & Regenerative Engineering at the Icahn School of Medicine at Mt. Sinai applies multi-disciplinary approaches to study cell-matrix interactions and engineer cell-instructive biomaterials for musculoskeletal regeneration. The Han lab is a member of Orthopaedic Research Laboratories (ORL), Black Family Stem Cell Institute, and Institute for Regenerative Medicine at Mount Sinai, NYC.

We are hiring a postdoctoral fellow to join our team!

Details: The selected individual will lead our project on developing a biomaterial-based approach for the prevention and treatment of rotator cuff muscle degeneration. This role involves comprehensive technical training in animal experimentation, biomaterials, the biology and physiology of skeletal muscle, interactions between muscle and tendon, and regenerative rehabilitation. Responsibilities include presenting findings at scientific meetings and drafting manuscripts for publication.

Qualifications: Applicants must possess a Ph.D. in Biomedical Engineering or Bioengineering. Essential qualifications include a profound knowledge of biomaterials, expertise in cell and drug delivery systems, proficiency in rodent surgical procedures, and experience in preclinical studies. Exceptional communication and interpersonal abilities are mandatory.

Please e-mail a cover letter, CV, relevant papers, and contacts of 3 references to Dr. Woojin Han (woojin.han@mssm.edu). Applicants will be evaluated on a rolling basis until the position is filled. Position to start in Fall 2024 or later.

For additional information, please visit

Han Lab: <https://labs.icaahn.mssm.edu/woojinhanlab/>