



University of Pittsburgh

**School of Medicine**

**Center for Cellular and Molecular Engineering**

**Department of Orthopaedic Surgery**

450 Technology Drive, Room 221

Pittsburgh, PA 15219

## FACULTY POSITION AVAILABLE

### **Assistant Professor**

**University of Pittsburgh School of Medicine  
Center for Cellular and Molecular Engineering  
Department of Orthopaedic Surgery**

The Center for Cellular and Molecular Engineering (CCME) of the University of Pittsburgh School of Medicine is seeking to fill an Assistant Professor position in the area of stem cell biology and musculoskeletal tissue engineering and regeneration. The Applicant must have a Ph.D., M.D., or equivalent, rigorous postdoctoral training, demonstrated excellence in research, and promising record of collaborative and multidisciplinary research at the interface between engineering and biomedicine. Teaching and mentoring experience is desirable. The successful candidate is expected to eventually lead an extramurally funded, independent research program in contemporary musculoskeletal science. Additional responsibilities of this faculty position will be to assist the Director of the CCME and Executive Vice Chairman to develop and supervise research projects related to the mission of the CCME and Department of Orthopaedic Surgery and participate as a project leader in collaborative research grants and programs. Salary and compensation will be commensurate with qualifications and experience.

The CCME, a newly established research center of the Pitt School of Medicine (UPSOM), represents the institutional commitment to research activities that link biomedicine, physical sciences, and engineering disciplines. The CCME is housed in a newly completed research building located on the Bridgeside Point Campus of the university, home to also the Department of Microbiology and Molecular Genetics, McGowan Institute of Regenerative Medicine, and Department of Bioengineering. The open laboratory set-up consists of dedicated spaces and instrumentations for cell and tissue culture, biomaterials fabrication and evaluation, biomechanics, imaging and microscopy, and molecular technologies. There is ready access to institutional core facilities, such as FACS, confocal laser scanning microscopes, micro-CT imaging, and genomics and proteomics technologies.

The CCME aims to be an interdisciplinary center of research excellence focused on the integration of cellular, molecular, and engineering principles to understand tissue development and function and to develop effective regenerative therapies for the treatment of diseases and injuries. Because of its multidisciplinary nature, the CCME actively fosters an interactive and collaborative culture, and the successful candidate is expected to play an integral role in the development of the CCME mission. The University of Pittsburgh is one of the leading research institutions in the nation in biomedicine, engineering, and cell-based regenerative technologies, and provides an exciting and nurturing environment for academic career development.

Application packages should contain an up-to-date CV, a statement of research interests and career goals, names of three references, and be addressed to Dr. Rocky S. Tuan, Director, Center for Cellular and Molecular Engineering and Executive Vice Chairman of Orthopaedic Research, Department of Orthopaedic Surgery, University of Pittsburgh, School of Medicine at [rst13@pitt.edu](mailto:rst13@pitt.edu)

*University of Pittsburgh is an Equal Opportunity/Affirmative Action Employer.*