

POSTDOCTORAL TRAINEE NEEDED:

Clickable Extracellular Vesicles For Regenerative Medicine

The Vascular Bioengineering Laboratory at the University of Pittsburgh (David Vorp, PI) is currently seeking a **postdoctoral fellow** for a U01 NIH-funded position, effective *immediately*.

The fellow in this position will be responsible for fabrication of silk-based biomaterial constructs in multiple configurations, including tubes and meshes, and troubleshooting of constructs as needed for the downstream wound healing and tissue engineered vascular graft (TEVG) implantation models. They will also be responsible for processing of explanted tissues. While not a requirement, it would be highly desirable if the fellow has training or interest in performing the surgical procedure for the TEVG implantation, collaborators are eager to train the fellow in the surgical technique. An interest in translation is also desirable; training in this area can be incorporated into the postdoctoral training plan if desired. For this position, candidates should have an MD or a PhD degree in relevant engineering disciplines (Bioengineering, Materials Science, Chemical Engineering), though PhDs in related life sciences subjects will also be considered.

While gaps in specific techniques will be taught to the person who fills this position, a base knowledge of or ability to quickly learn them is necessary. Previous experience in the techniques is preferred. The successful candidate will possess the ability to troubleshoot laboratory equipment; procure tissue samples from live animals, the OR, and/or autopsy suite; and maintain a variety of databases. For this position, the candidate must be reliable and have a strong work ethic, being willing and able to work occasional weekends and evenings as needed. The candidate should have excellent English speaking and writing skills to communicate effectively within multidisciplinary research teams and to provide assistance with written submissions (e.g., grant proposals, manuscripts, abstracts, presentations, IRB protocols, etc.). General information on the lab and Dr. Vorp can be found at: <http://www.engineering.pitt.edu/vorplab/>.

While it is preferred that the candidate be a US Citizen or Permanent Resident (green card holder) in order to be eligible for certain additional funding opportunities, the U01 funding allows for foreign applicants. Salary will be commensurate with previous experience. We are currently accepting applications for this immediate opening and will continue until the position is filled. However, the ideal start date is December-January, 2023/4. **To apply, please send a cover letter summarizing relevant qualifications as they pertain to this position as well as a resume via email with the subject line “U01 postdoctoral position”, to:**

Dr. Justin Weinbaum, juw51@pitt.edu

ATTN: David A. Vorp, Ph.D., Department of Bioengineering University of Pittsburgh

The University of Pittsburgh is an equal opportunity and affirmative action employer. Women and minorities are encouraged to apply.