



### Institute for NanoBioTechnology

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### Translational Tissue Engineering Center

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Two postdoctoral fellow positions are available the research groups of Prof. [Hai-Quan Mao](#) and Prof. [Sashank Reddy](#) at the [Institute for NanoBioTechnology](#) (INBT) and Departments of Materials Science and Engineering, and Biomedical Engineering, at Johns Hopkins University, and [Translational Tissue Engineering Center](#) (TTEC) and Department of Plastic and Reconstructive Surgery at Johns Hopkins [School of Medicine](#). Successful candidates will lead the efforts in nanotherapeutic delivery and regenerative engineering, focusing on developing nanomaterials for protein and gene delivery, or directing stem cell fate and promoting soft tissue regeneration.

The combined expertise in both laboratories covers biomaterials science and engineering, soft materials design, stem cell biology, nanotherapeutics, and clinical medicine is complemented by the collaborative environment at INBT and TTEC. The laboratories work with Johns Hopkins Technology Ventures and Johns Hopkins Hospital to maximize the impact of basic discoveries through novel regenerative solutions for patients. In aggregate, successful candidates will work in a rich, fertile intellectual environment at the frontier of engineering and medicine.

Ideal candidates should have a recent Ph.D. degree in biomaterials, biomedical engineering, polymer chemistry, chemical engineering, tissue engineering, or stem cell biology, with excellent leadership and oral and written communication skills. Salary and benefits will be commensurate with qualifications and experience similar to the recommended scales by the National Institutes of Health. To apply, please email a detailed CV with a full publication record, and a cover letter stating your scientific interests and career goals, and a list of names and phone numbers/e-mails of three references, to Prof. Mao at [maolab@jhu.edu](mailto:maolab@jhu.edu). Please include "Postdoc Application-Your Name" in the subject header. Review of applications will begin immediately. While candidates who complete their applications by November 30<sup>th</sup>, 2021 will receive full consideration, we will consider exceptional applicants at any time.