

Description

Job Title: Post-Doc Fellow

Shift: N/A

Position Type: Full-Time

Organization: Emory University

Operating Unit: Emory University

Department: SOM: Biomedical Engineering

Preferred Qualifications

The Emory-Georgia Tech Center of Cancer Nanotechnology Excellence (CCNE) and the Bioengineering Research Partnership (BRP) invite applications for postdoctoral research associates in biomedical engineering, nanotechnology, medicinal chemistry and bioinformatics. Specific research topics include: (1) nanoparticles for gene and siRNA delivery; (2) nanotechnology for molecular analysis and detection of atherosclerosis plaques; (3) nanoparticle reagents for sensitive imaging of Alzheimer's and other neurodegenerative diseases; (4) nanoparticle organ uptake, distribution, and toxicology; (5) biomedical applications of Raman and surface-enhanced Raman spectroscopy; (6) cellular image processing and 3-D reconstruction; (7) synthesis of biocompatible and biodegradable polymers for targeted delivery of imaging and therapeutic agents; and (8) molecular histopathology and correlation of biomarkers with clinical outcome. The minimum requirements include a PhD or MD degree in engineering, chemistry, biology or medicine, at least two first-author papers in high-quality journals (impact factor>5.0), and an interest in collaborative work at the interface of science, engineering, and medicine. Exceptional candidates will be considered for the prestigious CCNE fellowship at Emory University and the Georgia Institute of Technology. We offer competitive salaries plus fringe benefits.

How to Apply

To apply, send a cover letter, an updated CV, and names of 3-5 references to Mr. Ryan Jowers, Cancer Nanotechnology Center Manager, Department of Biomedical Engineering, Emory University, 101 Woodruff Circle Suite 2007, Atlanta, GA 30322. Electronic applications are encouraged and should be addressed to Mr. Ryan Jowers at ryan.jowers@bme.emory.edu. For further information, see www.nielab.org and www.wcigtccne.org. All positions are open until filled.