

Job Title: Postdoctoral Fellow
Status: Full-Time
Hours/Week: 40
Work Schedule: M-F
Schools/Units: Medical School & Office of Biotechnology
Departments: Internal Medicine
Job Location: University Center Tower

Job Summary:

We are searching for a Postdoctoral Fellow that will investigate the interaction of nanovectors with cell membranes via atomic force microscopy (AFM). Our research group is developing novel nanovector delivery systems for drug targeting and is interested in better understanding how these vectors interact with cell membranes and biological tissues. Analysis of uptake/internalization is of principle importance. Our laboratory recently purchased a Veeco Bioscope II Life Science Atomic Force Microscope equipped with a Nikon inverted microscope to carry out these studies.

The ideal candidate will possess a PhD or MD in a relevant discipline and will have considerable experience with biological AFM. Extensive knowledge of cell culture and microscopy techniques is essential. The position will involve a considerable amount of writing and will require excellent communication skills.

This position is immediately available and requires submission of a CV to:

Jay Conyers, PhD
Director, Office of Biotechnology
Assistant Professor, Department of Internal Medicine
Jodie.L.Conyers@uth.tmc.edu