The Translational and Molecular Imaging Institute (TMII) at The Icahn School of Medicine at Mount Sinai is seeking an **Associate Researcher** to work on a highly innovative NIH funded project on **fluorine MRI of cardiovascular disease**. The goals of the project is to track the migration of immune cells from hematopoietic organs during atherosclerosis progression, and after a cardiovascular event, using novel multiplex fluorine MRI techniques in a mouse animal model of disease.

This program will utilize cutting-edge instrumentation, including a 7T pre-clinical MRI system and micro PET/CT, among other instruments. These imaging capabilities are part of a new 30,000 sq ft state-of-the-art imaging facility.

The position will be in the cardiovascular imaging group led by Dr. Zahi Fayad, Director of TMII, and will require interaction with a diverse team of multi-institutional investigators with complementary expertise in vascular biology; cardiovascular immunology; imaging; cardiovascular disease; nanomedicine and radiochemistry. **Anticipated start date is immediate.**

The candidate should have a Bachelor of Master degree in biomedical sciences, or engineering, chemistry, computer science, physics, mathematics or any related field. Specific tasks will include:

- Management of laboratory resources, such as ordering and cataloguing of consumables and supplies
- Submission and management of animal protocols to the appropriate ethics committees
- Management of animals colonies, and animals handling
- Running imaging experiments on either pre-clinical or clinical systems
- Performing ex vivo analysis (histology, fluorescence, radiometric assays)
- Analysis of laboratory and imaging data, as well as compilation of results
- Perform other related work as required

**Salary will be commensurate with the cost of living in New York. Subsidized housing close to the Mount Sinai campus is available for postdocs.**

Please send a CV and brief statement of research interests to Dr. Zahi Fayad at zahi.fayad@mssm.edu.