Postdoctoral Fellow Position Available in Viral Proteomics

A Postdoctoral Fellow position is available in Johnson Laboratory in the Department of Microbiology (https://labs.icahn.mssm.edu/johnsonlab). The Postdoctoral Fellow will conduct research on host cellular pathway remodeling during viral infections. The laboratory applies state-of-the-art mass spectrometry-based proteomics technologies to assess pathways in an unbiased manner, combined with any number of additional tools (e.g., genomics/epigenetic profiling, CRISPR/Cas9 genome editing, and traditional molecular and cell biology approaches). Research projects include, but are not limited to: (1) investigating the function of HIV-1 accessory genes; (2) identifying novel, functional kinase/phosphatase-substrate interactions in viral and/or innate immune pathways; and (3) identifying novel roles of ubiquitin E3 ligases and deubiquitinases in viral and/or innate immune pathways.

Job Qualifications:

- A recent Ph.D. in biology, virology, microbiology, immunology, or a related field.
- Experience with one or more of the following techniques is preferred: primary cell culture and genetics, advanced virology, medium- to large-scale genetic screening (e.g, RNAi or CRISPR/Cas9), next-generation genomics, and mass spectrometry-based proteomics.
- Competency interpreting genome- or proteome-wide data using traditional programming (e.g., Perl, Python, C/C++) or a programming environment (e.g., R, Matlab) is also a plus.

Appointment as a postdoctoral fellow at Mount Sinai is extended only to individuals with doctoral degrees who seek to enhance their research experience under the mentorship of a faculty member (Principal Investigator, PI). This is a "trainee" position, and is not a faculty position. The Mount Sinai Health System is an equal opportunity employer. We promote recognition and respect for individual and cultural differences, and we work to make our employees feel valued and appreciated, whatever their race, gender, background, or sexual orientation.

To apply, please send your CV and the contact information for three references (in .doc/.docx or .pdf format) to: jeffrey.johnson@mssm.edu.