Research Assistant in Neurology Lab at Icahn School of Medicine at Mount Sinai in NYC
The laboratory of Dr. Sam Horng is seeking to hire a full-time research assistant for 1 year

We are affiliated with the Department of Neurology, the Friedman Brain Institute and the Corinne Goldsmith Dickinson Center for Multiple Sclerosis at the Icahn School of Medicine located on Fifth Avenue at 98th Street in Manhattan, New York City. Our work investigates how barrier cells between the blood and central nervous system control immune cell entry and activation in response to inflammation. We have a translational interest in multiple sclerosis, which is the most common non-traumatic cause of paralysis in young adults in the US. The research assistant will work on a focused project investigating how resident CNS cells control the activation of immune cells infiltrating the brain and spinal cord during autoimmune attack.

The research assistant will be engaged in the following techniques: immunoblotting, immunohistochemistry, mouse genotyping, in vitro culture and co-culture of CNS and immune cell lineages, flow cytometry, genome-scale analysis of gene expression, and models of multiple sclerosis. Experiments using in vivo multiphoton imaging techniques will also be piloted. The research assistant will be responsible for mouse colony management, ordering laboratory reagents, and general laboratory maintenance. Opportunities for scientific mentorship and manuscript authorship will be provided.

The position will start in July 2018 and is initially available for one year. If interested, please send a resume to Dr. Sam Horng: sam.horng@mssm.edu