



## Postdoctoral Position Available

Investigating neuro-immune pathways important for proper brain development or CNS autoimmunity

Hammond Lab, Department of Neurology

A postdoctoral position is available in the laboratory of Dr. Jennetta Hammond in the Department of Neurology. The Hammond lab studies neuro-immune interactions essential for proper brain development, as well as, pathways that contribute to CNS autoimmune diseases. These pathways are investigated using a mix of cell and molecular biology techniques, microscopy, and transgenic mouse models. Current NIH funded projects focus on regulation of the complement pathway in the CNS. Specifically, the lab is characterizing novel complement regulators that are expressed by neurons. These complement inhibitors may serve as protective factors to preserve neurons and neuronal connections during critical windows in brain development when complement is engaged to prune away excess connections. Disruptions in this process may contribute to the pathogenesis of various neurodevelopmental disorders including autism, schizophrenia, or intellectual disability. These same complement inhibitors may also play a protective role in pathological conditions with heightened inflammation like multiple sclerosis and other CNS autoimmune diseases.

Qualified candidates will have earned a PhD or MD/PhD and have excellent communication skills. Preference will be given to applicants with prior experience in cell culture, biochemical and molecular biology techniques, or mouse animal work. Salary will be based on NIH recommended stipend levels. The University of Rochester is committed to creating a diverse environment and is proud to be an equal opportunity employer.

Interested applicants should email a CV, a cover letter describing their research experience and career goals, and contact information for three references to:

[jennetta\\_hammond@urmc.rochester.edu](mailto:jennetta_hammond@urmc.rochester.edu)

Jennetta Hammond, PhD.

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