

Technician position available in the Department of Neuroscience at Penn

We seek a highly motivated research technician in the laboratory of Dr. Sandra Maday at the University of Pennsylvania School of Medicine. We study how neurons and astrocytes eliminate cellular trash through a process of self-digestion called autophagy. Autophagy is a key neuroprotective pathway to maintain cellular homeostasis in the face of aging, and is altered in the context of many neurodegenerative diseases. We combine advanced techniques in quantitative cell biology, live-cell imaging, and biochemistry to investigate autophagy in primary neurons and astrocytes, and in models of neurodegenerative disease.

The primary functions of this position are to (1) drive a research project (collect, analyze, and interpret data, and present data at group meetings) concerning the molecular mechanisms of autophagy in neurons and astrocytes, (2) act as lab manager and coordinate the basic needs of the research group, and (3) manage the mouse colony. Experience with molecular biology and mouse handling is preferred but not required.

Email CV, a copy of transcript, and names/email addresses of 3 references to:

Sandra Maday, Ph.D.

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