



Andrea Stavoe, PhD

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*Regulation of WIPI2 Phosphorylation to Restore
Autophagosome Biogenesis in Aged Neurons*

Dr. Andrea Stavoe earned a BS in Biochemistry/Molecular Biology/Biotechnology and a BA in French from Michigan State University. She earned her MPhil and PhD degrees in Cell Biology from Yale University in the lab of Dr. Daniel Colón-Ramos, studying the molecular mechanisms of presynaptic assembly in *C. elegans*. Dr. Stavoe was a postdoctoral trainee with Dr. Erika Holzbaur, investigating the dynamics of neuronal autophagy during aging in primary murine neurons at the University of Pennsylvania. Dr. Stavoe became an Assistant Professor in 2020 in the Department of Neurobiology and Anatomy at the McGovern Medical School at UTHealth-Houston as a Rising STAR awardee. The Stavoe lab is dedicated to training a diverse group of students, and Dr. Stavoe was recently honored as a Finalist in the HHMI Freeman Hrabowski Scholars Program for her commitment to building a diverse, equitable, and inclusive lab. The Stavoe lab is interested in understanding how neurons maintain their function and homeostasis during aging, particularly focusing on the autophagy pathway, with the ultimate goal of elucidating potential therapeutic targets for neurodegenerative diseases.