Thomas Jefferson University

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Postdoc Opportunity in Physiology -

The Goldsmith Laboratory at Thomas Jefferson University seeks to recruit a highly motivated postdoctoral scientist with strong skills in cell and molecular biology to investigate the role of autophagy in the development and progression of neurodegenerative disease. To learn more about our research, please visit:

https://research.jefferson.edu/labs/researcher/goldsmith-lab.html

The laboratory uses a combination of biochemical and molecular biology approaches, proteomics and high-resolution and live-cell imaging to study the effect of neurodegenerative disease associated mutations on the formation and clearance of autophagosomes, as well as the molecular and cellular consequences downstream of disrupted autophagy. We primarily use iPSC-derived neuronal and glia cell models in 2D culture to investigate basic scientific questions that we hope will have downstream therapeutic applications. The laboratory is currently funded by the National Institute for Neurological Disorders and Stroke (NIH) and TargetALS.

This position requires a Ph.D. or an equivalent degree in Biomedical Sciences, Neuroscience, Molecular Biology or a closely related field. A successful postdoc candidate must have at least one first-author publication in a reputable journal from their terminal degree. Candidates will be working with human iPSC-derived cells, and must have experience with tissue culture and molecular biology techniques such as cloning and plasmid manipulation, transfection, qRT-PCR, immunoblotting, immunofluorescence and microscopy. Candidates should have excellent oral and written communication skills, highly developed interpersonal skills, and the ability to mentor junior trainees. While a background in neurobiology is preferred, we are always interested in working with highly-motivated individuals with diverse academic backgrounds and skill sets and welcome new scientific perspectives into our expanding research group. Applicants should submit a brief statement of research interests and their CV at www.jefferson.edu/hr and reference Job ID# 9308642. The CV should include the contact information (e-mail address and phone number) for at least two references. To inquire about this opportunity, please contact Dr. Goldsmith via e-mail.