

Post-Doctoral Scholar in Physiology
University of Kentucky

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Posted Nov. 14, 2018, set to expire Aug. 23, 2019

Job Title	Post-Doctoral Scholar in Physiology
Department	7H750:PHYSIOLOGY
Institution	University of Kentucky Lexington, Kentucky
Date Posted	Nov. 14, 2018
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Physiology & Biophysics Endocrinology/Metabolism/Nutrition
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Job Description

A postdoctoral fellow position is available to study cerebral metabolism in aging and Alzheimer's Disease in the lab of Dr. Lance A. Johnson, Ph.D. The Johnson lab focuses on the effects of the APOE gene (the strongest genetic risk factor for late-onset Alzheimer's Disease) on cerebral metabolism. Our highly translational research projects range from in vitro metabolomics approaches, to in vivo multiphoton imaging, to clinical research studies. Responsibilities of the position include working with Dr. Johnson to conduct NIH-sponsored research on mechanisms of APOE-associated alterations in neuronal and glial metabolism. This includes designing and conducting experimental studies within an interdisciplinary team, and organizing, analyzing, and presenting experimental data.

We are seeking outstanding scientists with Ph.D., M.D., or equivalent degrees. The ideal candidate will have research experience in the field of neuroscience with a focus on cerebral metabolism, oxidative

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stress, and/or neuroinflammation, but outstanding candidates with experience in other areas will also be considered. Experience with primary cell culture, animal models of neurodegeneration, behavioral testing, and 'omics analyses (especially mass spectrometry-based metabolomics) are desirable, but not required. All applicants should have excellent oral and written communication skills.

The Department of Physiology is currently ranked in the top ten nationally by the American Physiological Society and consistently ranks in the Top 25 in NIH funding. The Johnson lab works closely with investigators in the Sanders Brown Center on Aging, providing numerous additional collaborative research opportunities. Dr. Johnson is an early career investigator who highly values mentorship and career development for trainees. For more information please visit www.LJohnsonLab.com

Candidates should submit their Curriculum Vitae, a short description of research interests/goals (upload under Specific Request 1), and a list of 2-3 references with contact information (upload under Specific Request 2).

This position will be open until filled.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact