

Research Assistant

Applicants are sought for a research assistant position in the laboratory of Dr. J. Tiago Gonçalves, who is joining the Dominick P. Purpura Department of Neuroscience and the Gottesman Institute for Stem Cell and Regenerative Medicine Research of the Albert Einstein College of Medicine in New York City.

Dr. Gonçalves' research aims to understand how experience and neuronal activity contribute to the differentiation of adult neural stem cells, as well as the circuit integration and the function of adult-born neurons in the dentate gyrus. The lab will use variety of cutting-edge neuroscience techniques, such as *in-vivo* 2-photon imaging with simultaneous behavioral testing and *in-vivo* electrophysiology/optogenetics, to study the integration of newborn neurons into the circuitry of the mouse hippocampus.

Applicants should have a bachelor's degree in biology, physics, engineering or related fields along with a strong interest in neuroscience research. Previous experience in a research lab, and excellent organizational skills are also required. Preference will be given to applicants with experience in rodent handling and/or computer programming (MATLAB, Python, C++). Interested candidates should submit a single PDF file to openpositions@goncalveslab.org with the following information: updated curriculum vitae, name and contact information of two references, cover letter detailing past achievements and future career goals. Funding for this position is available and salary will be determined based on the applicant's qualifications.

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