

Postdoctoral Fellow

Applicants are sought for a postdoctoral fellow 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 successful candidate will be using a combination of *in-vivo* 2-photon imaging, behavioral testing and electrophysiology/optogenetics to study the integration of newborn neurons into the circuitry of the mouse hippocampus.

Applicants should have a proven track record in one or more of the following areas: optical microscopy, *in-vivo* imaging and/or electrophysiology, optogenetics, rodent behavioral testing, hippocampal physiology, molecular biology, rodent handling and surgery. Experience with image analysis and computer programming (Matlab, Python, R, C++) is preferable, although not essential. 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, current scientific interests and future career goals. Funding is available and salary will be determined based on the applicant's qualifications. Earliest start date is January 2017.

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