

# Research Assistant

The lab of Dr. J. Tiago Gonçalves at the Albert Einstein College of Medicine in the Bronx borough of New York City is looking to hire a research trainee.

Our 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 uses 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. Experience in rodent handling and/or computer programming (MATLAB, Python, C++) is preferred but not necessarily required.

Interested candidates should submit a single PDF file to [openpositions@goncalveslab.org](mailto: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.

Albert Einstein College of Medicine, Inc. is an equal opportunity employer committed to hiring minorities, women, individuals with disabilities and protected veterans. Einstein's mission is rooted in its history of an enduring commitment to diversity and the enhancement of human health in the spirit of social justice. Inspired by Albert Einstein, the College of Medicine strives to create a diverse faculty and student body without gender, racial and ethnic bias.



Albert Einstein College of Medicine

Montefiore