



# Brandeis University

## POSTDOCTORAL POSITION IN STRUCTURAL BIOLOGY

A postdoctoral position is immediately available in the laboratory of Dr. Nicastro at Brandeis University to study the 3D structure and function of the molecular motor Dynein using cryo-electron tomography, sub-tomogram averaging and classification (Nicastro et al. 2006 Science 313:944).

Applicants should have a strong interest in one or more of the following disciplines: cryo-electron microscopy/tomography, single-particle averaging, structural dynamics of molecular motors. Candidates should be highly motivated and are expected to have a Ph.D. or equivalent degree in biology, biochemistry, biophysics or a related field.

Interested candidates should send an application, including a CV, areas of expertise and interest, publications list, and names and contact information for 3 references to: Dr. Daniela Nicastro, MS 029 Rosenstiel Center, Brandeis University, 415 South Street, Waltham, MA 02454, USA. Email: [nicastro@brandeis.edu](mailto:nicastro@brandeis.edu).

Our laboratory <[www.bio.brandeis.edu/nicastrolab](http://www.bio.brandeis.edu/nicastrolab)> is located in the well-equipped and vibrant Biology Department of Brandeis University in Waltham, Massachusetts (eight miles west of Boston). Brandeis has a state-of-the-art electron microscopy facility, including a Tecnai F30 transmission-electron microscope equipped with a Gatan GIF energy filter, 3 more TEMs, cryo-holders, a Vitrobot plunge freezer, a newly implemented facility for Correlative Light and Electron Microscopy and an extensive computational facility. Brandeis offers excellent opportunities for scientific interaction on campus and with many colleagues at other scientific institutions in the Boston area, providing an exciting scientific environment that greatly enhances the postdoctoral training experience. Brandeis University is committed to diversity and equality in education and employment.