Post-doctoral positions available – Job Description

Postdoctoral positions are available to study molecular mechanisms of neurodegeneration and pathogenesis in amyotrophic lateral sclerosis, frontotemporal dementia and nucleotide repeat expansion diseases.

We are seeking highly motivated candidates with expertise in at least several categories that include: imaging and quantitative imaging analyses; cell and molecular biology techniques; RNA biology and transcriptomic data analyses; epigenetics, integrative bioinformatics, viral-based in vitro and/or in vivo approaches; iPSCs technology, neurobiology, immunology, and genetic engineering approaches. These prerequisites will be heavily considered for this position.

Candidates should hold a Ph.D. in Neuroscience, Biochemistry, and/or related disciplines. Applicants are expected to be highly qualified and independent; self-driven and self-motivated; have excellent planning, organization, and time management skills as well as able to multi-task effectively; and to have superb communication skills including documentation/writing skills. Moreover, excellent written and verbal English communication skills are required. Applicants must be able to work independently and in a team environment. It is required that applicants be 6 months predoctoral or within 4 years postdoctoral degree certification.

To Apply – Submit a CV/resume that includes a description of research experiences and provide contact information for three referees. Areas of research interest in the ALS center are, but not limited to:


Applications, including detailed curriculum vitae should be submitted in PDF format to Davide Trotti, Ph.D. (davide.trotti@jefferson.edu) quoting “Postdoctoral position/ALS Center” in the subject line.

The Weinberg ALS Center at the Vickie and Jack Farber Institute for Neuroscience and the Department of Neuroscience at Thomas Jefferson University, is a clinical-research integrated strategic program. The ALS Center is in downtown Philadelphia, PA, USA and includes state-of-the-art facilities as well as access to numerous resources at Universities throughout the Greater Philadelphia area. Its specific mission is to fight ALS combining excellence in basic research with a robust multidisciplinary treatment clinic.

The Weinberg ALS Center is composed of four laboratories with unique but complimentary expertise spanning clinical to basic research. All labs work together collaboratively in an open and highly stimulating laboratory environment. Principal Investigators and heads of laboratory within the ALS center are: Davide Trotti, PhD.; Aaron Haeusler, PhD.; Piera Pasinelli, PhD, Hristelina Ilieva, MD, PhD.

Here is a complete list of publications from the Weinberg ALS Center