



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA



## **Pre-doctoral and post-doctoral positions available to work in the field of neuroscience and neurodegenerative disease**

Two positions, *one post-doctoral research fellow and one pre-doctoral research fellow positions*, are available in the team of Dr. Zuccaro at the Department of Biomedical Sciences – University of Padova (Padua, Italy) (Lab Pennuto). The successful candidate will have the opportunity to join a multidisciplinary and international team to work on a project that bridges molecular biology, cellular biology, and computational biology to study physiological and pathological neuronal states in rodents and human. It is an ambitious project recently selected for funding from the Talent Stars @UniPD.

The project is focused on the understanding of the molecular basis underpinning the selective vulnerability of motor neurons in neurodegenerative diseases. In order to achieve our goals, we employ methodologies such as next generation sequencing technology (including single-nuclei sequencing), molecular and cellular biology, and *in vivo* mouse models of neurodegenerative diseases.

### **Requirements:**

For pre-doctoral position:

The successful candidate will have a background in neuroscience or molecular biology. Applicant must hold Master degree in biology, biomedical, medical science or neuroscience. Previous research in cell biology and/or molecular biology is a plus.

For the post-doctoral position:

The successful candidate must hold a PhD degree in Biotechnology, Biology, Molecular Biology, Biomedical Sciences, or related fields; Previous research experience in cell biology, molecular biology and animal handling is required.

The applicant should be an excellent team worker, fluent in spoken and written English. We offer a dynamic research environment, a chance to improve skills and knowledge and make important contribution to the biomedical research. A competitive salary will be offered, depending on qualifications and experience.

Please send your application including a cover letter, Curriculum vitae, and at least one contact for reference by email to:

Dr Emanuela Zuccaro ([Emanuela.zuccaro@unipd.it](mailto:Emanuela.zuccaro@unipd.it))