



Opportunity for fellowships at Lab of Experimental Biology, Università degli Studi di Milano

The lab of Experimental Biology directed by Prof. Angelo Poletti is seeking **talented and motivated young fellows/Postdoctoral researchers** to join pre-clinical research in the field of **neurodegeneration**.

Our research group is dedicated to exploring the cellular and molecular mechanisms underlying the protein quality control system and its protective role against **proteinopathies** affecting the central nervous system and muscle. Among these, particular attention is devoted to motor neuron diseases and neuromuscular disorders, such as **amyotrophic lateral sclerosis (ALS)** and spinal and bulbar muscular atrophy; other studied diseases include frontotemporal dementias, Huntington's disease, **spinocerebellar ataxia type 17 (SCA-17)**, and various myopathies.

We are accepting applications for **2 positions (assegno di ricerca)** within our team under the supervision of Prof. Valeria Crippa and Prof. Riccardo Cristofani. The successful candidate will contribute to groundbreaking research, working on projects that delve into experimental studies, molecular and cellular biology with the goal to identify novel pathological paths of dysregulation in ALS and SCA-17. These roles provide an excellent opportunity for professional development and collaboration within a dynamic and supportive environment.

Decoding distinctive features of Extracellular vesicles in TDP-43 proteinopathies	Role of CHIP/STUB1 in the clearance of toxic proteins responsible for repeat expansion neurodegenerative diseases
Supervisor: Prof. Valeria Crippa valeria.crippa@unimi.it Duration: 15 months Starting date: 05/2024 Public selection: 04/2024	Supervisor: Prof. Riccardo Cristofani riccardo.cristofani@unimi.it Duration: 18 months Starting date: 05/2024 Public selection: 04/2024
Application: 03/2024	
https://www.unimi.it/it/ricerca/fare-ricerca-da-noi/assegni-di-ricerca/bandi-assegni-di-ricerca	

Key Qualifications:

- Ph.D. or great experience in a relevant field (Neuroscience, proteinopathies, iPSCs, etc.)
- Proficiency in experimental studies, particularly models of neurodegenerative diseases
- Strong molecular biology skills
- Expertise in iPSCs culture and differentiation to neurons
- Expertise in extracellular vesicles
- Analytical and problem-solving abilities
- Effective communication and collaboration skills