

Post-doctoral fellowship in the field of “RNA biology and human diseases”

Department of Biotechnology and Biosciences
University of Milano-Bicocca

Exciting opportunity for a post-doctoral scholarship is open in the field of “RNA biology and neurodegeneration”. The available scholarship is for an individual research project that usually last 2 years, and can be renewed for another 2 at the Department of Biotechnology and Biosciences, University of Milano – Bicocca (Italy) in the RNA Molecular Biology Laboratory headed by Prof. Silvia Barabino.

Our laboratory is interested in understanding the fundamental mechanisms of transcription and RNA splicing in the nervous system, and how these mechanisms bear on neuronal connectivity and neurodegenerative diseases. We are using iPSC-derived cells, gene editing and state-of-the art confocal microscopy to study RNA splicing, protein-RNA interactions, and microRNAs in ALS disease models. We are also studying the role of RNA-binding proteins in genome stability and how their dysfunction contributes to neurodegeneration.

Education required

- University PhD degree in a relevant discipline, e.g. biomedicine, biology or biochemistry that was **obtained within the last 4 years**

Qualifications

- Experience with basic laboratory methods in molecular/cell biology and biochemistry, and or neuroscience
- Fluent written and oral communication in English
- High level of motivation and commitment
- Ability to work in a team

Additional information

More information can be obtained directly from Prof. Silvia Barabino:
silvia.barabino@unimib.it

Deadline: September, 10th 2019