



UNIVERSITÀ DEGLI STUDI DI MILANO
DIPARTIMENTO DI BIOSCIENZE



Post-doctoral and post-graduate fellowships available on a Telethon project at the Department of Biosciences, Università degli Studi di Milano

In the context of the project “Molecular characterization of disease-linked polynucleotide phosphorylase (hPNPase) variants (POLYVAR)” funded by Fondazione Telethon, we are seeking:

1. a highly motivated Ph.D. graduate for a 24-month research post-doctoral fellowship (extensible for further 6 months)
2. a Master’s degree graduate for a junior research fellowship (Borsa di studio)

The project aims at the molecular characterization of human PNPase (hPNPase) variants causing different neurological diseases by exploiting *Escherichia coli* and human cell lines as models. The effect of the mutations on transcription profile and PNPase-dependent phenotypes will be characterized in both systems, with the final aim to correlate specific molecular defects of hPNPase variants with the severity degree of the disease observed in the patients.

For the post-doctoral position, expertise in molecular biology techniques such as RT-qPCR and cloning strategies is required. Familiarity with biochemistry and RNA characterization will be positively evaluated. For the junior research fellowship, a Master’s thesis with honors in Biology/Biotechnology is required. Excellent oral and writing English skills are required for both candidates.

Candidates interested in applying can send a CV/resume and a short presentation letter (with one contact of a previous mentor for junior fellowship candidates and two contacts for Post-Doc candidates) to Prof. Federica Briani (federica.briani@unimi.it) and Dr. Sarah Sertic (sarah.sertic@unimi.it) no later than 15 June, 2021.

For more details, please contact Prof. Federica Briani.