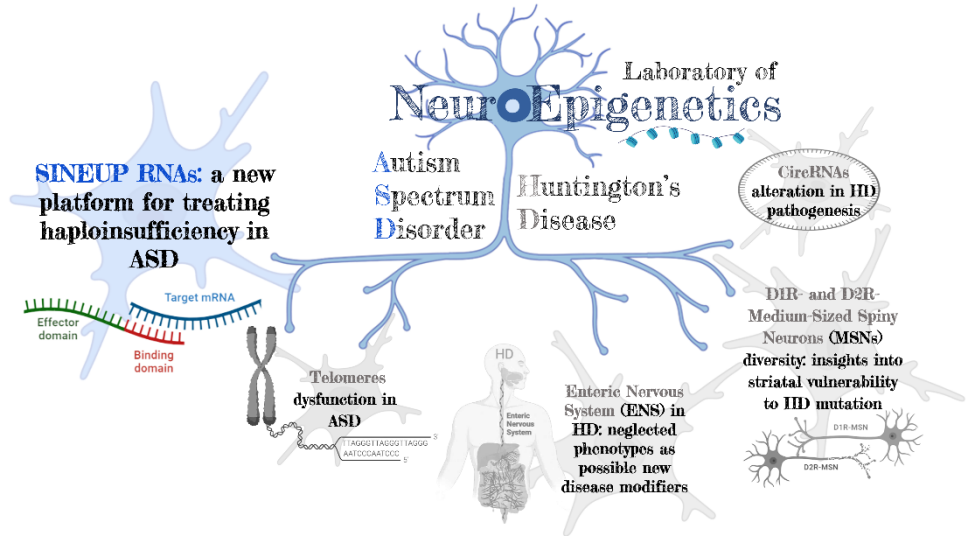




Postdoctoral Research
Fellowship

NeuroEpigenetics laboratory
University of TRENTO



The NeuroEpigenetics Laboratory is offering a **2-years, full-time postdoctoral research fellowship** to **investigate the therapeutic potential of specific RNA molecules in the context of Neurodevelopmental Disorders**. The lab is located within CIBIO Department (Dipartimento di Eccellenza 2023-2027) at the University of Trento (ITALY). We are part of a young, vibrant scientific community, and the department is a **top-ranked academic institute** in biomedicine and biotechnology, surrounded by the idyllic natural environment of the Italian Alps.

Are you curious to explore **therapeutic potential of non-coding RNAs**? Are you interested in genetic, neurodevelopmental disorders such as **Autism Spectrum Disorders (ASD)**? We are seeking an **enthusiastic and highly motivated young scientist** keen to investigate *the biology of SINEUP, modular non-coding RNAs able to increase target mRNA translation*. Within this project – **recently funded by the Simons Foundation Autism Research Initiative (SFARI)** - we aim to provide a **Proof-of-Concept towards the development of a novel RNA-based therapy for neurodevelopmental syndromes caused by haploinsufficiency** – reduction in functional protein. The project is in collaboration with the Italian Institute of Technology (IIT), the University of Eastern Piedmont (UPO) and TranSINE Therapeutics (UK).

We offer a 2-year position, with a competitive salary. The candidate will conduct cutting-edge research with a strong translational impact on Neurodevelopmental syndromes. They will conduct molecular biology analyses, develop genetics and genomics skills and be an active participant in the exciting international ASD research community.

Applications

Deadline: May 15th, 2023

Please send a cover letter detailing your research interests, expertise and CV to Prof. Marta Biagioli at marta.biagioli@unitn.it