

Giorgia Susin

Training

- **02.2021 - 03.2022** University of Trento
Armenise-Harvard Laboratory of Axonal Neurobiology (CIBIO)
Supervisor: Marie-Laure Baudet
Research Intern
Optimization of a Cas13-based tool for circRNA knockdown in neurons, involving cloning, nucleic acids extraction and RT-qPCR quantification.
- **02.2019 - 09.2019** University of Trento
Dulbecco Telethon Laboratory of Prions and Amyloids (CIBIO)
Supervisors: Emiliano Biasini, Ines Mancini
Research Intern
Design, synthesis, and cell-based characterization of novel anti-prion compounds. Key techniques include chemical synthesis and purification of compounds, cell culture, molecule screening through vitality assays and analysis of protein expression through Western blotting.

Education

2019
Bachelor's Degree, Biomolecular Sciences and Technology
University of Trento
Vote: 110/110 cum laude

2022
Master's Degree, Cellular and Molecular Biotechnology
University of Trento
Vote: 110/110 cum laude

Language

Italian
English (B2 level)

Work experience

- **11.2024 - present** University of Trento
PhD student in Biomolecular Sciences - period of suspension
Renounced fellowship from 20/11/2024
- **11.2022 - 10.2024** University of Trento
Armenise-Harvard Laboratory of Axonal Neurobiology (CIBIO)
Supervisor: Marie-Laure Baudet
PhD student in Biomolecular Sciences
Investigation of circRNA roles in brain wiring. Techniques applied include *X. laevis* embryo electroporation, primary neuron cultures, live axon imaging and RNA synthesis.
- **04.2022 - 10.2022** University of Trento
Armenise-Harvard Laboratory of Axonal Neurobiology (CIBIO)
Supervisor: Marie-Laure Baudet
Pre-doc fellow
Optimization of Cas13 and AgoshRNA tools to knockdown circRNAs in neurons. Techniques applied include cloning, *X. laevis* embryo electroporation, primary neuron cultures, live axon imaging, RNA extraction and ddPCR quantification.
- **02.2018 - 03.2022** University of Trento
Armenise-Harvard Laboratory of Axonal Neurobiology (CIBIO)
PI: Marie-Laure Baudet
Orders and inventory manager
Order of reagents and update of the inventory for the Laboratory.

Teaching

○ 10.2023 - 11.2023

Department CIBIO - Trento

**Teaching assistant - Macromolecular imaging course
(Master's degree)**

Didactic support through the preparation of the protocols and during the didactic laboratories.

Fellowships and awards

○ 2023

Christian Boulin Fellowship

Fellowship to support my visit at EMBL Imaging Centre (Heidelberg) to perform live super-resolution imaging of circRNAs in neurons.

Publications

○ Masante L, Susin G, Baudet ML. **Droplet Digital PCR for the Detection and Quantification of Bona Fide CircRNAs.** Methods Mol Biol. 2024;2765:107-126.

Leadership and Organizational skills

○ Elected PhD students representative at CIBIO Department (University of Trento, Italy)

○ Organizer of EC-SIBBM pre-meeting 2024 (Trento, Italy)

