Vanessa CHIAPPINI – *CV*

Vanessa Chiappini began her PhD in Complex Systems for Quantitative Biomedicine at the University of Turin in 2023. Her research focuses on investigating the ultrastructural alterations of neurons and astrocytes in a Lafora Disease model using serial block face scanning electron microscopy (SBF-SEM). Prior to her PhD studies, Vanessa graduated as a biomedical engineer from the Polytechnique University of Turin, where she completed a thesis entitled "Study of the Feasibility of a Soft Gelatin Methacryloyl-Based Template to Develop Cell-Derived Matrices for Screening Patients with Congenital Muscular Dystrophies." Her initial research experience involved a collaboration between the Neuroscience Institute Cavalieri Ottolenghi and the Polytechnique University of Turin, working on a project that combined neuroscience and tissue engineering. This experience deepened her passion for neuroscience and microscopy, guiding her towards her current research line.