

Silvia Picciolini, PhD Student

Research interests

I'm interested in the study of medical applications of extracellular vesicles, for both diagnostic and therapeutic point of view. In particular, my field of interest includes the detection and the characterization of vesicles derived from biological fluids, in order to analyze their composition that could make them potential biomarkers of specific diseases and also understand their role in pathogenesis of diseases. I'm interested in the development of new strategies and techniques for the biochemical analysis of different components of vesicles, such as membrane proteins and cytosolic miRNAs, that could be involved in neurodegenerative diseases or in the regenerative processes.