

CV

Biotechnologist driven by curiosity for the study of life at all levels: from molecules to cells, up to animals and humans. I am currently specializing in the in the field of neuroscience, looking for neuropeptides that affect the female reproductive system and the involvement of the nervous system in fertility, as the role of nerve transmission is still largely unknown and may underlie several disorders concerning reproduction (e.g., polycystic ovary syndrome).

Expertise Lab

Cell culture (primary cells from tissues and cell lines); Optical microscopy, preparation and staining of histological specimen; fluorescent immunohistochemistry; rt-PCR; ELISA; calcium imaging (FURA-2); mitochondrial biogenesis (TMRM, MitoTracker).