

Curriculum Vitae

Bachelor Degree in Biological Science in University of Perugia (2020), Master Degree in Nutrition Biology in University of Perugia (2023) with 110/110. In April 2023, I passed the Biology exam state and became a licensed Senior Biologist. From July to November 2023, I worked as a scientific medical representative for the cardiovascular, gastroenterological, endocrinological and diabetological areas of the Aurora Biofarma Company. Currently Public Administration PhD student in Research and Third Mission Office, from November 2023, in the PhD program in Inflammatory and Infectious pathologies, Therapeutical Strategies and Biolaw.

Laboratory expertise

I did my experimental thesis in Nutrition and Female Fertility at the Pharmacology, Nanomedicine and Electrophysiology Laboratory of the Cell Biology section of the Department of Biology, Biotechnology and Chemistry at the University of Perugia. In particular, I studied the role of voltage-dependent potassium channels in granulosa cells (proliferation, mitochondrial biogenesis, steroidogenesis) in the course of which I gained expertise in several areas, including the growth and characterization of cell cultures (immortalized and primary), analysis of gene expression at the transcriptional level (with emphasis on real-time PCR), imaging techniques (particularly fluorescence microscopy), spectrophotometric techniques, data analysis, and electrophysiology techniques (particularly patch-clamp). In the clinical setting, I have been active on the European Center for Medicine and Research in Perugia, where I have been involved in the analysis of body composition of over- and underweight patients, particularly female problems such as PCOS and Endometriosis.