

Two positions available. Laboratory Dr.ssa Antonella Ragnini-Wilson, Dipartimento di Biologia, PP1 Università di Roma Tor Vergata (e-mail:antonella.ragnini@uniroma2.it), Tel. 0672594785

**Project description:** We are searching for highly motivated students (two positions are available) with a basic knowledge of molecular and cellular biology (knowledge of large data set analyses is a plus). As part of this project you will gain skills in molecular biology techniques and chemical testing in cellular models (neuronal, glial and epithelial). We routinely use cell culture, RNA/DNA extraction, protein purification, RT-PCR, Western/immunoblotting and co-immunoprecipitation techniques to clarify the mechanism of action of drugs and drug combinations in OPC and neuronal cell cultures. You will learn the use of automated microscopy in drug screening and the use of dedicated softwares.