

### **BARBARA NUNES PADOVANI'S BIO**

Barbara Nunes Padovani has a Bachelor in Biological Sciences at the University of São Paulo. During her undergrad time (2017-2019) she formed part of the Scientific Initiation Program at Camará's lab and developed a study comparing zebrafish wild-type strains during intestinal inflammation. In this same period she participated of the Monitor Program helping to professors in the disciplines Basic Immunology (2018) and Laboratory Methods in Immunology (2019). In 2017 she made an internship abroad at the laboratory of Dr. Carmen Feijoo at the University Andrés Bello in Chile, where she learned some techniques in larval zebrafish such as isolation of intestines in larvae, whole mount immunofluorescence and gavage. Her Completion of Course Work was entitled "Comparison of immune responses and resistance between two zebrafish strains in an experimental model of inflammatory bowel disease" and was developed in the laboratory of Dr. Câmara at the University of São Paulo. She is currently a Master student in the Department of Immunology at the University of São Paulo, working in Câmara's lab in use of *Bacillus subtilis* as treatment for the acute kidney injury induced by cisplatin in zebrafish. She has experience in the area of immunology, intestinal inflammation, microbiota, germ-free derivation, acute kidney injury, molecular biology and CRISPR-Cas9.