

## **Gianfranco Paolo Sabadini Alfaro**

Doctoral Student in Chemical Sciences at Universidad de Valparaíso and Universidad Técnica Federico Santa María.

Gianfranco Paolo Sabadini Alfaro holds a Bachelor's degree in Chemistry (2020) and is currently pursuing a PhD in Chemical Sciences. His research focuses on the in-silico design of PLpro inhibitors for SARS-CoV-2 using 2D/3D-QSAR, molecular dynamics, and virtual screening. He specializes in the organic synthesis of heterocyclic compounds, such as benzimidazoles and aminopyrimidines. Since 2019, he has worked in various research labs and co-authored peer-reviewed publications on antiviral drug design.

In addition to his research, Gianfranco is passionate about science communication and education. He has actively participated in scientific outreach programs aimed at promoting chemistry and scientific literacy to diverse audiences, including secondary school students. He also serves as a teaching assistant in undergraduate courses, particularly in organic chemistry and fundamentals of chemistry laboratories, where he supports student learning and experimental work. His dedication to both research and education underscores his commitment to advancing scientific knowledge and inspiring future generations of chemists.

