Felipe Del Valle Batalla

Ph.D. In cell and molecular Biology

I am passionate about advancing open science by fostering transparency and accessibility in research. With a strong background in Cell Biology, I am committed to effectively communicating scientific findings and ensuring they are understandable for diverse audiences. I thrive in collaborative environments, engaging in meaningful discussions about experiments, data sharing, and innovative ways to make science more inclusive and impactful

fadelvalle@uc.cl https://fadelvalle.github.io

Felipe Del Valle Batalla Google Scholar Profile Github repository

Experience

Company Of Biologists - preLights
Prelights contributor
Remote - UK
September 2024 - To date

I select interesting and exciting preprints and write easy-to-digest highlights about them for the scientific community.

https://prelights.biologists.com/profiles/fadelvalle/

NIH - NICHD at Dr. Juan Bonifacino's Laboratory
Post doctoral fellow
Bethesda, MD. USA.
January 2024 - Present

At Dr. Bonifacino's laboratory, I studied the role of key proteins involved in intracellular trafficking of lysosomes in neuronal cells.

University of Turku - Dr. Pieta Mattila's Laboratory
PhD Internship
Turku, Finland
January 2022 - May 2022

During this period I joined Dr. Pieta Mattila's Laboratory for an internship while completing my PhD. At Dr. Mattila's lab. I conducted key experiments for my doctoral thesis. This collaboration also led to the publication of a review article.

Pontificia Universidad Católica de Chile - Dr. Maria Isabel Yuseff's Laboratory
Research assistant - PhD student
Santiago, Chile
2016-2023

"B-Cell Mechanosensing: Role in Lysosome Position and Dynamics during the Immune Synapse"
During my MSc and PhD studies, I was responsible for establishing new methods and assays in Dr. Yuseff's laboratory. This included the fabrication of substrates with tunable mechanical properties to study B-cell function. I significantly contributed to the implementation and optimization of advanced image analysis methods. Additionally, in collaboration with Dr. Yuseff, we secured a four-year research grant primarily based on my PhD project (ANID funding #1221128). I also successfully established collaborations with scientists, requiring consistent interaction and scientific discussions.

Education

Pontificia universidad Católica de Chile
Cell and molecular biology
MSc - PhD in cell and molecular biology
March 2019 - October 2023

Pontificia universidad Católica de Chile
Bachelor and professional title of Biology
BSc. In biology - Biologist
March 2013 - September 2018

Committees and mentees

Part of the Pontificia Universidad Catolica's faculty of biological sciences PhD selection committee (2019, 2021).

Skills

Wet lab skills
Advanced microscopy (immune cells and neurons), basic cell biology techniques, CRISPR editing, iPSC work.

Programming
Fiji-ImageJ macros languaje, usage of google collab notebooks, R programming language, GraphPad prism software

Scientific communication
Part of the preLights community by The Company Of Biologists

Interests

Photograpy, organizational tools, literature and running

Awards

Best oral presentation
Chilean society for cell biology
November 2019

Best PhD oral presentation
Chilean Association of immunology
November 2022

Languages

Spanish
Native

English
Advanced - Academic writing