Felipe Del Valle Batalla

Ph.D. In cell and molecular Biology

I am deeply committed to advancing open science by fostering transparency, accessibility, and effective communication in research. With a strong background in Cell Biology, I have extensive experience in advanced imaging techniques and data analysis, ensuring scientific findings are clearly communicated to diverse audiences. I thrive in collaborative environments, contributing to meaningful discussions about experimental design, data sharing, and innovative approaches to make science more inclusive and impactful.

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

Felipe Del Valle Batalla Publications Github repository

Experience

Company Of Biologists - preLights
Prelights contributor
Remote - UK
September 2024 - Present

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 investigated the role of key proteins involved in the intracellular trafficking of lysosomes in neuronal cells using knockout models of the BORC complex. Additionally, I analyzed and validated protein candidates derived from a proteomics dataset related to these pathways.

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

During my MSc and PhD studies, I was responsible for establishing new methods and assays in Dr. Yuseff's laboratory. My thesis focused on the mechanosensitivity of B lymphocytes during their activation, and I contributed significantly to the fabrication of substrates with tunable mechanical properties to study B-cell function. I played a key role in implementing and optimizing 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, 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