CLAUDIA L. PAREJA

DOCTOR OF BIOTECHNOLOGY
BIOINFORMATICIAN

I am a proactive, organized and responsible person, with good interpersonal relationships. I am always willing to do my job. I am looking for a challenging position where I can continue learning.

CONTACT

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Whangara 4073, New Zealand

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https://github.com/cparejabarrueto

EDUCATION

**Doctor of Biotechnology
Summa cum laude**

Universidad Andrés Bello, Chile

Bionformatics Engineer
Universidad de Talca, Chile
Honors, Awards and Competitive
Funding:
CELFI Full Fellowship award Attend
Advanced Computer Simulation School
in Chemistry, Argentina, 2016.
CONICYT Fellowship award for doctoral
degree, Chile, 2016- 2020.

LABORAL EXPERIENCE

Print Finisher - Quality Assurance

Logan Print, New Zealand, January 2025 - today

• In-mold labeling • Use of PMC machine • Printing quality control • Post-printing Inspection

Postdoctoral Researcher

Universidad Católica de Chile, 2021-2024

• Analysis of differential expression genes between patients of leukemia • Analysis of whole-exome sequencing (WES) and transcriptome by RNAseq.
• Programming in R, Python, AWK, and bash for handling large data and massive files • Implementing ML algorithms using Python (Scikit-learn) and R (caret) • Integrated development software using Jupyter Notebook and RStudio IDE

Research Assitant / PhD Student

Universidad Andrés Bello, 2015-2021

• Development and implementation of bioinformatics software, using Perl, Python, and TCL scripts for analysing large datasets (Tb) and visualising big data • Use high-performance computing environments such as University of Chile (NLHPC), collaboration with the University of Chicago, USA (RCC), and Compute Canada (GRAHAM)

Research Assitant

Núcleo Biotecnología Curauma, 2013-2014

• Database development for managing Antimicrobial Peptides • Peptide Synthesis • Use of Circular Dichroism Spectrophotometer • Use of HPLC

LANGUAGES / COURSES

Spanish: Native
English: Proficient Level EF SET Certification

Cancer Genomics and Bioinformatics
Databases for Data Scientists
Data Analyst, Data Curator
Data Management for Clinical Research
Python for Data Science