



PRs

PAULA RAMOS-SILVA

RESEARCHER | BIOINFORMATICS | BIOLOGICAL DATA

SUMMARY

I am a data-driven biologist with 12+ years of experience in research.

I am motivated, organized and result oriented. I work well both independently and in a team.

I am eager to find challenging and rewarding scientific work dealing with large-scale biological data.

SKILLS

- Bioinformatics tools
- Data analysis
- Scientific writing
- Oral presentations
- Project supervision
- Experimental design
- Molecular biology
- Scripting: Python, R, Shell
- IDEs: PyCharm, RStudio
- Drawing: Inkscape
- FAIR data

LANGUAGES

- Portuguese - native
- English - full
- French - full
- Dutch - limited

WORK EXPERIENCE

RESEARCHER • NATURALIS BIODIVERSITY CENTER • 2018 - 2022

- Draw experiments and scripts for analysis of RNAseq and proteomic data
- Received over 176 000 EUR in research funding, including one [Marie Skłodowska-Curie fellowship](#)
- Managed data and microserver for bioinformatics projects
- Supervised research projects in bioinformatics (four MSc students)
- Wrote four scientific [publications](#) (two as first author)
- Lectured topics in bioinformatics at MSc level
- Created two projects in science outreach and communicated research in more than 10 conferences

RESEARCHER • INSTITUTO GULBENKIAN DE CIÊNCIA • 2014 - 2018

- Developed workflows for comparative genomics of bacteria
- Benchmarked genome assemblers and other bioinformatics software
- Received one [FCT](#) fellowship to study bacterial genomics
- Wrote three first-author papers and co-authored other three
- Managed server of the Computational Genomics group
- Organized monthly seminars and one conference (> 100 participants)

EDUCATION

PHD BIOINFORMATICS • 2013 • UNIVERSITY OF AMSTERDAM

- Integrated the EU project [BIOMINTEC](#) as an Early Stage Researcher
- Wrote four first-author papers and five as co-author

MSC BIOLOGICAL ENGINEERING • 2007 • INSTITUTO SUPERIOR TÉCNICO

- Five-year integrated BSc + MSc

ADVANCED TRAINING & SERVICES

- 'Laboratory Leadership' by EMBO.org
- 'Genome Assembly and Annotation' by physalia-courses.org
- 'Bioinformatics using Python for Biologists' and 'Advanced Biostatistics using R' by gtpb.igc.gulbenkian.pt
- Expert Reviewer of Horizon proposals for the European Commission



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