

Academic Portfolio

Application to Professor Auxiliar — Genética e Genómica (UA)

Luís Kalchhauser Cunha

About

Luís Kalchhauser Cunha is a Researcher in Biology at the University of Coimbra (CFE), working across *Genetics & Genomics*, molecular ecology, and bioinformatics. He combines laboratory expertise (PCR → flow cytometry; probe-based DNA enrichment; rigorous QC) with reproducible computational workflows (R, Python, Conda/Bioconda) for high-throughput sequencing (Nanopore, Illumina; RNA-Seq, genome assembly, metabarcoding).

He has delivered more than **1,563 hours** of teaching (Coimbra 253 h; South Wales 1,310 h) and contributed to projects totalling ~**€36M** as PI, Co-I and Researcher. My most prominent collaborations are with EMBRAPA (Brazil), Cardiff University (UK), and University of Coimbra (PT).

Scopus Profile — [Luis Cunha](#)

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Metric (Scopus)	Value
Citations	527 (from 458 documents)
Documents	38
h-index	15
Preprints	4
Co-authors	253
Topics	10

Core Skills

Linux/Unix R · Python SPSS · JASP Conda/Bioconda Nanopore · Illumina RNA-Seq · Assembly · Metabarcoding Flow Cytometry QC (Nanodrop · Qubit · TapeStation) Technical writing · GLP · SOPs

Teaching (totals)

- University of Coimbra: **253 h**
- University of South Wales: **1 310 h**
- **Total: 1 563 h**

Groups & Links

- [Soil Health Research Group](#)
- [Environmental Genomics Lab](#)
- [Google Scholar](#)
- [ORCID](#)
- [Scopus Profile](#)
- [GitHub](#)
- [ResearchGate](#)
- [LinkedIn](#)
- [CienciaVitae](#)