



# CORAL FUSTERO

## COMPUTATIONAL BIOLOGIST

coralfustero@gmail.com

+49(0)15730155306

### EXPERIENCE

#### Postdoctoral researcher @ Berlin Institute for Medical Systems Biology | Berlin Institute of Health

2022 - 2025

+ Integrated single cell multi-omic characterization and clonal tracing in clonal hematopoiesis

#### Computational Biologist @ Spanish National Cancer Research Center

2015 - 2022

+ Analysis, quality control and functional characterization of next generation sequencing data  
+ Pipeline automation via snakemake  
+ Script programming in R  
+ Bioinformatic support

#### Lecturer

2023

+ International Master's Program in Molecular Medicine at Charité (Berlín)

2019 - 2022

+ MSc in Applied Bioinformatics and Personalized Medicine at Instituto de Salud Carlos III  
+ Precision Oncology Course at Instituto Gulbenkian de Ciência. Oct 25th to Oct 29th 2021 <http://gtpb.igc.gulbenkian.pt/bicourses/2021/PO21/>  
+ MSc Bioinformatics and Computational Biology (until 2021) at Universidad Autónoma de Madrid

#### Other

2024

+ BSC access committee member

### EDUCATION

#### PhD in Molecular Biosciences

2018 - 2022

Universidad Autónoma de Madrid

#### MSc in Bioinformatics and Computational Biology

2016 - 2018

Universidad Autónoma de Madrid

#### BSc in Biotechnology

2008 - 2013

Universitat de Barcelona

### TOOLS

R +++++

Snakemake +++++

Python +++++

Googling what I don't know +++++

### SELECTED PUBLICATIONS

Calsina, B. et al. (2023). Genomic and immune landscape Of metastatic pheochromocytoma and paraganglioma. *Nat Commun* 14, 1122

Fustero-Torre, C. et al. (2021). Beyondcell: targeting cancer therapeutic heterogeneity in single-cell RNA-seq data. *Genome medicine*, 13(1), 1-15.

Fustero-Torre, C. et al. (2022). bollito: a flexible pipeline for comprehensive single-cell RNA-seq analyses. *Bioinformatics*, 38(4), 1155-1156.