



# MARGAUX HAERING

## CONTACT



July 12, 1997



+337.88.22.77.49



margauxhaering@orange.fr



Monaco



Car, motorbike, boat



margauxhaering.fr

## SKILLS

### INFORMATICS :

Python - R - Bash

JavaScript - PHP - MySQL

HTML - CSS - Office

### LANGUAGES :

French (native)

English, German

## ACTIVITIES

### SPORT :

Horse Riding - Amateur competing

Scuba diving - Level 2

Skydiving - BPA

### ARTS :

Photography, piano,  
drums, saxophone

## EXPERIENCE

### Post-doctoral researcher

Transcriptomic differences characterisation

2025

HDD vs LDD in *S. pistillata*

CSM - Physiology & biochemistry Team

Sampling, sequencing and analysis for bulk RNA-seq

### Bioinformatics PhD

Development of a platform for sc-RNA-seq

2024  
2021

exploration and analysis of cerebellar ataxias

IBDM - Habermann Team

Fullstack development with database, preprocessing pipelines

Teaching R, MySQL Licence & Master, AMU

### Biological data processing engineer

NGS, -omics, IBDM - Habermann Team

2021  
2020

Analysis pipelines sc/bulk, proteomics, HyperTRIBE, microRNA, ATAC-seq,

DamID, visualisation

### Master 2 internship -

Development of a R-shiny app for NGS,

2020

-omics data analysis and integration

IBDM - Habermann Team

Bulk analysis, data integration, visualisation

### Master 1 internship -

Adhesion analysis of leukemic molecules

2019

by videonanoscopy

CRCM, Marseille

Molecular path tracing and characterization, MATLAB

## FORMATION

### Bioinformatics PhD

2024  
2021

### Bioinformatics Master (DLAD)

Software development and data analysis

2020  
2018

AMU

### Biology Bachelor (BCB)

Biochemistry and Biopharmaceutical Chemistry

2018  
2015

AMU

### Scientific Baccalaureat

2015

École de Provence, Marseille

## PUBLICATIONS

2025

**Haering M**, Del Bondio A, Puccio H, Habermann B. ataxiaXplorer, the first ataxia interactome and its exploration and analysis platform. In progress...

2024

**Haering M**, Del Bondio A, Puccio H, Habermann B. mitoXplorer 3.0 for exploring mitochondrial dynamics in single-cell RNA-seq data. 2024, doi:<https://doi.org/10.1101/2024.12.17.628870>

2022

Marchiano F, **Haering M**, Haberman BH. The mitoXplorer 2.0 update: integrating and interpreting mitochondrial expression dynamics within a cellular context. 2022 Feb 7; doi: <https://doi.org/10.1101/2022.01.31.478461>

2021

Meiler A, Marchiano F, **Haering M**, Weitkunat M, Schnorrer F, Habermann BH. AnnoMiner is a new web-tool to integrate epigenetics, transcription factor occupancy and transcriptomics data to predict transcriptional regulators. Sci Rep. 2021 Jul 29;11(1):15463. doi: [10.1038/s41598-021-94805-1](https://doi.org/10.1038/s41598-021-94805-1). PMID: 34326396; PMCID: PMC8322331.