BENEDICT MONTEIRO

🎓 EDUCATION

2021 | 2020

MSc Genomic Medicine
King's Collge/St George's, University of London   📍 London, UK

- Awarded academic scholarship.
- 84% average in taught modules.
- Modules covering the collection, analysis and applications of genomic data in clinical and research contexts.
- Currently undertaking bioinformatic research project "*Biomarker analysis of pancreatic cancer liquid biopsies*".

2020 | 2016

BSc Biochemistry with French for Science
Imperial College London   📍 London, UK

- **Final grade:** First Class Honours (71% overall average)
- **Final year research project dissertation:** "*Environmental stress provokes a transcriptomic call to arms in* Legionella pneumophila" (80%)
- **Advanced final year modules:** Bioinformatics (69%), Mechanisms of Gene Expression (70%), Damage & Repair in Biological Systems (72%)
- **Cultural Dissertation in French:** "*The importance of the Second Empire for the city of Paris*" (74%)

💻 RESEARCH EXPERIENCE

Current | 2021

Postgraduate Researcher
Vigilante Lab, CSCRM   📍 King's College London

- Developing a bioinformatic pipeline for the analysis of circulating tumour DNA in pancreatic ductal adenocarcinoma (PDAC).

Current | 2020

Undergraduate Researcher
Costa Lab, CMBI   📍 Imperial College London

- Analysed RNA-Seq differential expression data to outline the transcriptomic response of the bacteria *L. pneumophila* to stress conditions.
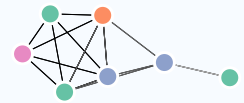- Currently preparing manuscript for journal submission.

2019 | 2018

Erasmus Research Placement
Zucman-Rossi Lab, CRC   📍 Université de Paris, France

- Worked independently on a bioinformatical analysis of mutational signatures in liver cancer whole genome sequencing data.
- Performed all analyses and designed the results figure for the "mutational signatures" section of an upcoming publication on the genomic study of a rare type of paediatric liver cancer.
- Updated the R package Palimpsest with functions for the extraction, plotting and further study of new types of mutational signatures.

View this CV online here

CONTACT

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 github.com/benedict909
🏠 SW9, London

LANGUAGE SKILLS

| French |
| R |
| Bash |
| Python |

TEACHING EXPERIENCE

Current | 2020

Graduate Teaching Assistant
Department of Life Sciences

◉ Imperial College London

· Teaching of core maths skills to Biology & Biochemistry undergraduates.