

# BENEDICT MONTEIRO

## EDUCATION

2021  
|  
2020

### ● MSc Genomic Medicine

King's College/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

✉ [k20128353@kcl.ac.uk](mailto:k20128353@kcl.ac.uk)

🔗 [github.com/benedict909](https://github.com/benedict909)

🏠 SW9, London

## LANGUAGE SKILLS

French

R

Bash

Python

Made with the R package  
[pagedown](#).

The source code is available at  
[github.com/benedict909/CV](https://github.com/benedict909/CV).

Last updated on 2021-06-29.



## TEACHING EXPERIENCE

Current  
|  
2020



### Graduate Teaching Assistant

Department of Life Sciences

📍 Imperial College London

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



## PUBLICATIONS

2021



### Integrated genomic analysis identifies driver genes and cisplatin-resistant progenitor phenotype in pediatric liver cancer

*Cancer Discovery*

- Hirsch TZ, Pilet J, Morcrette G, Roehrig A, **Monteiro BJ**, Molina L, Bayard Q, Trepo E, Meunier L, Caruso S, Renault V, Deleuze JF, Fresneau B, Chardot C, Gonzales E, Jacquemin E, Guerin F, Fabre M, Aerts I, Taque S, Laithier V, Branchereau S, Guettier C, Brugieres L, Rebouissou S, Letouze E, Zucman-Rossi J. Integrated genomic analysis identifies driver genes and cisplatin-resistant progenitor phenotype in pediatric liver cancer. *Cancer Discov.* 2021 Apr 23;can-disc.1809.2020. doi: 10.1158/2159-8290.CD-20-1809. Epub ahead of print. PMID: 33893148.