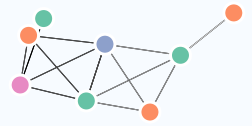


# BENEDICT MONTEIRO



## EDUCATION

Current  
|  
2022

- **PhD in Biomedical Sciences**  
Sanders Lab, BIMS, Max Delbrück Center 📍 Berlin, DE
  - Developing bioinformatic pipelines to analyse single nucleotide and structural variations in single cell genomic datasets.

2021  
|  
2020

- **MSc Genomic Medicine**  
King's College/St George's, University of London 📍 London, UK
  - **Final grade:** Distinction (82% overall average)
  - Awarded academic scholarship at admission.
  - Taught modules covered the generation, analysis and applications of omic data in clinical and research contexts.
  - **Research project thesis:** "Preliminary liquid biopsy analysis of pancreatic ductal adenocarcinoma patients treated with immunotherapy" (76%)

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

2021  
|  
2021

- **Postgraduate Researcher**  
Vigilante Lab, CSCRM 📍 King's College London, UK
  - Developed a bioinformatic pipeline to analyse circulating tumour DNA from pancreatic ductal adenocarcinoma for genomic markers predictive of immunotherapy response.

2020  
|  
2020

- **Undergraduate Researcher**  
Costa Lab, CMBI 📍 Imperial College London, UK
  - Analysed RNA-Seq differential expression data to outline the transcriptomic response of the bacteria *L. pneumophila* to stressors.

View this CV online [here](#)

## CONTACT

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🌐 [github.com/benedict909](https://github.com/benedict909)  
🏠 Berlin, DE

## LANGUAGE SKILLS



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

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

Last updated on 2022-02-15.

2019  
|  
2018

### ● Erasmus Research Placement

Zucman-Rossi Lab, CRC

📍 Université de Paris, France

- Worked independently on a bioinformatic analysis of mutational signatures in liver cancer whole genome sequencing data.
- Performed all analyses and designed the results figure for the “mutational signatures” section in a genomic study of a rare type of paediatric liver cancer.
- Updated and maintain the R package [Palimpsest](#) with functions for the extraction and further study of new types of mutational signatures.



## TEACHING EXPERIENCE

2021  
|  
2020

### ● Graduate Teaching Assistant

Department of Life Sciences

📍 Imperial College London, UK

- Teaching 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 BJE**, Molina L, Bayard Q, Trépo 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, Brugières L, Rebouissou S, Letouzé E, Zucman-Rossi J. Integrated Genomic Analysis Identifies Driver Genes and Cisplatin-Resistant Progenitor Phenotype in Pediatric Liver Cancer. *Cancer Discov.* 2021 Oct;11(10):2524-2543. PMID: [33893148](#)