



BENEDICT MONTEIRO

EDUCATION

2021
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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
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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
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2021

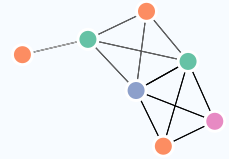
- **Postgraduate Researcher**
Vigilante Lab, CSCRM  King's College London
 - Developed a bioinformatic pipeline to analyse circulating tumour DNA from pancreatic ductal adenocarcinoma for markers predictive of immunotherapy response.

2020
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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 stressors.


2019
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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.



View this CV online [here](#)

CONTACT

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🏠 SW9, London

LANGUAGE SKILLS



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

The source code is available at
github.com/benedict909/CV.

Last updated on 2021-09-23.



TEACHING EXPERIENCE

2021
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2020



Graduate Teaching Assistant

Department of Life Sciences

📍 Imperial College London

- 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 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;:candisc.1809.2020. doi: 10.1158/2159-8290.CD-20-1809. Epub ahead of print. PMID: [33893148](#).