

Ana Teresa Branco

Quality Assurance Engineer

CONTACTS

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🌐 <https://www.linkedin.com/in/ana-teresa-branco-bb397b83/>

👤 <https://github.com/atbranco>

🌈 <https://www.shecodes.io/graduates/70195-ana-branco>

FORMAL EDUCATION



2016 - 2018

MSc Microbiology, Instituto Superior Técnico, University of Lisbon

2009 - 2013

BSc Nutrition Sciences, Faculty of Nutrition Sciences, University of Porto

PROFESSIONAL EXPERIENCE



2021 - Present

Head of Flow Cytometry Facility

Benjamin Franklin Flow Cytometry Facility, Charité – Universitätsmedizin Berlin

Main tasks: Management of workflows and stocks, High Speed Cell Sorting, maintenance and Quality Control of flow cytometry equipment, training & support, creation and implementation of SOPs and policies.

Equipments: BD FACSAria fusion, FACS Symphony A3, BD LSR Fortessa X-20.

Softwares: FACS DiVa, FlowJo.

2019 - 2021

Flow Cytometry and Antibody Technician

Flow Cytometry and Antibody Facility, Instituto Gulbenkian de Ciência (IGC)

Main tasks: High Speed Cell Sorting, maintenance and Quality Control of flow cytometry equipment, training & support, creation and implementation of SOPs, hybridoma cell culture, antibody production from hybridoma, antibody quantification by ELISA, Antibody titration, protein purification by Affinity Chromatography SDS-PAGE.

Equipments: BD FACSAria IIu, MoFlo Legacy, BD LSR Fortessa, BD LSR Fortessa X-20, BD FACS Calibur and Cytel Aurora.

Softwares: FACS DiVa, FlowJo.

2018

Research Associate

- **Assistant in practical classes of Microbiology**
- **Speaker on the Effect of Nutrition on Malaria**, theoretical class Master's in Clinical Nutrition

Faculty of Medicine, University of Lisbon and Instituto De Medicina Molecular – João Lobo Antunes

Main tasks: Cell culture of Plasmodium falciparum, management of laboratory stocks. flow cytometry, maintenance of flow cytometer, data analysis and presentation, mentoring new students.

2014 - 2017

Nutricionist

Easyfit Lda

Main tasks: Nutrition consultations, clients' follow-up, management of all the nutrition department, sales, front desk functions.

COURSES & CERTIFICATIONS



- 2023** ● **Certified SheCodes - Introduction to Web Development**
- 2022** ● **Certified ISTQB® Foundation Level (CTFL) - Syllabus 2018**
- 2020** ● **Data Science and Machine Learning Bootcamp with R**, Jose Portilla, Data Science, Pierian Data Inc. via Udemy.
● **Practical Statistics for The Life Sciences**, Gulbenkian Training Programme in Bioinformatics – IGC
- 2019** ● **The Fundamentals of High-End Cell Sorting**, EMBO Practical Course, EMBL Heidelberg
- 2017** ● **Flow Cytometry Course – FLxFlow Course: Principles and applications of Flow cytometry**
- 2016** ● **Certification In Pedagogical Competences**, Instituto do Emprego e Formação Profissional (IEFP)- Certificate number F642279/2016

SKILLS



PUBLICATIONS



Branco, A., & Melo-Cristino, J. (2018). Extreme parasitemia in *P. falciparum* malaria. *Blood*, 132(8), 868. <https://doi.org/10.1182/blood-2018-07-861880>.

Branco, A., Francisco, D. & Hanscheid, T. (2018). Is There a 'Normal' Oxygen Concentration for in vitro Plasmodium Cultures? *Trends in Parasitology*, 34(10):811-2. <https://doi.org/10.1016/j.pt.2018.07.003>

HOBBIES



Reading



Blogging



Writing



Watercolor
painting



Traveling



Cooking