



PROFILE

Biotechnologist, biologist, and Computational biologist bioinformatician with experience in genomics applied to medicine and enthusiast computer scientist on the making.

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TAMARA ALONSO BLANCO

PROFESSIONAL PROFILE

I finished the **Degree in Biotechnology** from the **University of Extremadura (UEX)** at the **University of North Carolina at Greensboro (USA)** thanks to a scholarship. After it, I continued my education studying a **Degree in Biology** at the UEx. I finished it at the **University of the West of Scotland (UWS)** in the United Kingdom thanks to the Erasmus program. At UWS, I validated my courses in Spain to receive a **BSc (Hons) Applied Bioscience** which I obtained as the Top Life Bioscience Student and I received the **Court medal**. Additionally, my performance was recognized by the **Royal Society of Biology (RSB)** with the **Top Project Award 2020** and **Top Student Award 2020**.

During my undergrad, I started my research career thanks to the Bank Santander S.A scholarship. I did an internship at **FARMABABY.SL**. I worked on the optimization and monitoring of the in vitro trials with neurotoxins and neuroprotectors against Huntington's disease. I also was awarded a scholarship by the Spanish Association against Cancer (AECC) to work on childhood leukaemia prevention at the **Institute of Molecular and Cell Biology of Cancer (IBMCC)** under the supervision of Dr Isidro Sanchez.

Throughout my undergraduate, I developed my passion for genomics and my curiosity for computational biology. I was amazed by how it helps reducing routinary and manual post-processing tasks. This is the reason why I am currently enrolled in the **Computational Biology Masters** at the Polytechnic University of Madrid (**UPM**). Here, I have learned a variety of computational tools/programming skills such as Python, Bash, R and SQL.

Currently, I am carrying out my internship in the Molecular Infection Biology Laboratory at the **National Biotechnology Centre (CNB)** as a **Genomics** and **Data Scientist** under the supervision of Dr Daniel Lopez.

My previous studies and my international profile have prepared me to adapt to a variety of work environments. This, in combination with my exceptional **teamwork skills** and experience in **Data Science**, as well as my motivation to keep learning make me a good candidate to join a team where I can develop all my potential. Thus, my future expectations are mainly focused on **Data Science** and genomics **applied to medicine**.