

Patricia Blanco Gabella

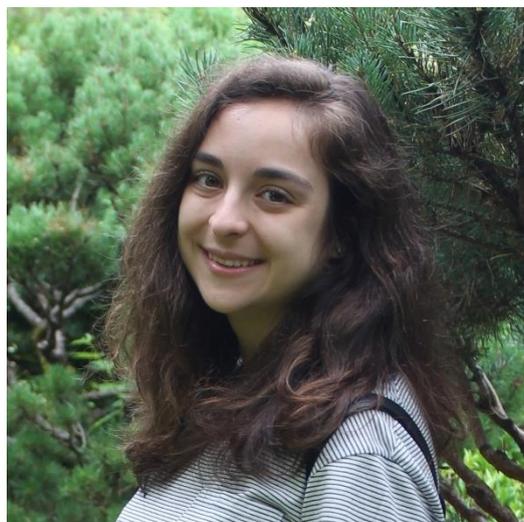
Biotechnologist who is currently finishing a Master's degree in Computational Biology at the Polytechnic University of Madrid (UPM).

Through my experience in this field, I have become aware of how determinant is the use computational tools to analyse biological data and that is the reason why I chose the computational specialization. Since my degree was more focused on molecular biology and genetics, I decided to study this Master to reinforce my skills in the informatic area and keep expanding my knowledge in this field. In the Master I have acquired essential knowledge for the management of big data, as well as I have learnt cutting-edge bioinformatic techniques. Moreover, I have gone into detail about other innovative disciplines, such as synthetic biology.

As a motivate and versatile student, while studying my degree I participated in quite different research lines. Firstly, I worked in a microbiology lab from the National Centre for Biotechnology (CNB) studying the quorum sensing mechanism in opportunistic human pathogenic bacteria. After that, I did an internship in an X-ray crystallography lab from the Rocasolano Institute of Physical Chemistry (IQFR), where I did my final bachelor's degree project. Working there, I was able to determine the structure of a protein which will be published soon. Furthermore, this project allowed me to incorporate computational techniques to the experimental results I had obtained and having the opportunity to combine both approaches was very enriching for my professional development.

I enjoy the experimental work, however, my interest in the *in silico* research has been increasing through these years. Due to this fact, at present I am carrying out my final master thesis about computational drug design and evaluation at the Biological Research Centre (CIB).

My supervisors have always commended me for my teamworking skills, as well as for my capacity to solve problems. In addition, I consider myself not only a hard-working, but also a determined person, who is always willing to learn new things. More information about me can be found at my LinkedIn profile: <https://www.linkedin.com/in/patricia-blanco-gabella/>



Master's degree in Computational Biology

In the Master's in Computational Biology I have learnt in a biological environment how to use cutting-edge techniques for data analysis and management and this will be key for my future employability.

Personal profile

Highly-motivated and versatile biotechnologist specialised in computational biology interested in the application of bioinformatic tools to structural biology and computational chemistry.