Carlos Relaño Rupérez

Student of the Computational Biology Master of UPM and interested in genomic analysis and biomedical research.

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Professional profile

I started my professional training as a laboratory technician, and then studied Biochemistry at Universidad Autónoma de Madrid (UAM). I am an enormously curious person, which has driven me towards scientific environments. Thanks to the technician position, I have been able to work in different laboratories in Madrid and Dundee (United Kingdom). My main focus has been immunology, but I am also interested in other fields related to biological or biomedical sciences, and application of the computational biology toolset in the resolution of research problems.

In order to learn the different procedures for bioinformatics analysis, I enrolled in the Master´s degree in Computational Biology at Technical University of Madrid (UPM). I have gained knowledge in genomic and pharmacological analysis and, in my final project, I am working with single-cell RNA sequencing data from human blood samples and deep learning models at the Spanish National Center for Cardiovascular Research (CNIC). I am able to use various programming languages, such as python, bash, R and ruby.

I enjoy working with other people and collaborating. I also like teaching and contributing with different points of view to different challenges. My main goal for the short term would be pursuing a PhD in bioinformatics applied to molecular biology or biomedicine, either in public research or in a company. For now, I am willing to contribute to an interesting project with my abilities and my enthusiasm for science.