

I am Davide Corso, a Bioinformatician PostDoc in the laboratory of Donato Giovannelli and Angela Cordone at the University of Naples Federico II.

I have worked in this field since my university education, starting with a thesis for a Bachelor's degree in Computer Science, regarding the prediction of the RNAs secondary structure, and then completing the Master's degree in Bioinformatics.

Straight after my master's degree, I moved to the University of Padova where I spent four years in the Computational Biology laboratory of Gabriele Sales and Chiara Romualdi, obtaining a Research Fellow first and then a Ph.D. in Biosciences (Curriculum in Genetics, Genomics, and Bioinformatics).

During this period, I worked on several projects and topics, spanning from visualization of biological signals and pathways to spatial transcriptomics, increasing and improving my knowledge of both biological data analysis and technical aspects.

In December 2022, I started working in Prof. Giovannelli's laboratory, developing projects on metagenomics tools and data analysis, with internal and external collaborations. My interests in bioinformatics have expanded over time and I continue studying and increasing my knowledge of various biological applications.

My current topics regard microbial ecology, metagenomics, earth system science, and astrobiology. I'm also involved in projects related to developing new bioinformatics tools or data analysis for example, in identifying antibiotic-resistance genes.

Google Scholar: <https://scholar.google.com/citations?user=CC9MF1cAAAAJ&hl=it>

ResearchGate: <https://www.researchgate.net/profile/Davide-Corso>