

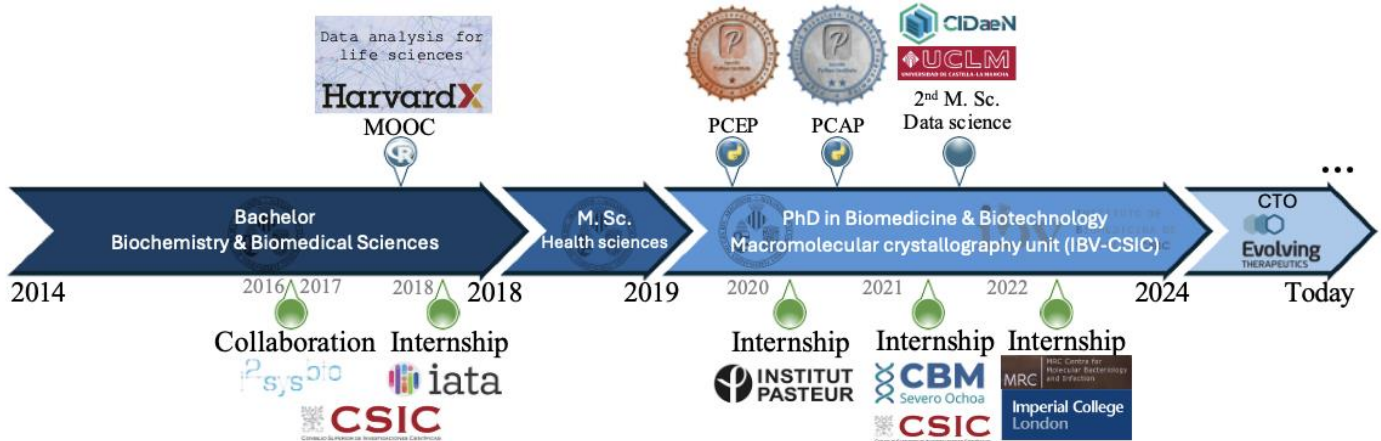
# Alonso Felipe Ruiz, PhD

## CTO at Evolving Therapeutics



I am a dedicated researcher with a passion for molecular biology and bioinformatics. Born in Albacete, my journey has taken me from the labs of Valencia to renowned research institutions like Pasteur Institute and Imperial College, shaping my expertise and vision. As CTO of Evolving Therapeutics, I leverage cutting-edge technology to revolutionize phage therapy. Beyond science, my love for Greek mythology, physics and traveling fuels my quest to understand the world. My commitment to volunteering underscores my dedication to social causes, in a pursuit of a better me and a better world.

### My professional path



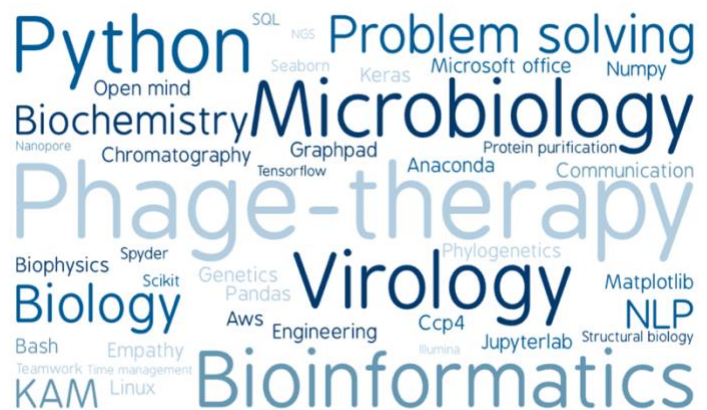
### At Evolving Therapeutics

As the Chief Technology Officer in evolving therapeutics, I **manage the projects** regarding **AI, phage therapy, and bioinformatics**. I spearhead the **r&d** work at the company, driving the fusion of cutting-edge technology with life-saving therapies. My leadership in these areas not only focuses on scientific work but also strengthening client relationships (**Key Account Managing**) and expand our company's reach.

### Highlighted publications

- Structural and Genomic Evolution of RRNPPA Systems and Their Pheromone Signaling. mBio.
  - Extracellular proteolysis of tandemly duplicated pheromone propeptides affords additional complexity to bacterial quorum sensing. PLOS Bio.
  - Molecular Basis of Lysis-Lysogeny Decisions in Gram-Positive Phages. Annual Review of Microbiology.
  - Antagonistic interactions between phage and host factors control arbitrium lysis-lysogeny decision. Nature Microbiology.
  - Revisiting the pH-gated conformational switch on the activities of HisKA-family histidine kinases. Nature communications.
  - Lexical, sentiment and correlation analysis of sacred writings. A tale of cultural influxes and different ways to interpret reality. NLP journal.
- More...

### Skills



### Prizes and fellowships



### Volunteering

- Sea Turtle Conservancy (2022-)**  
Adoptive father of Pistachio a Costa Rica Green Turtle.
- Climathon Valencia (2022)**  
Data to address environmental challenges.
- Bylinedu (2023)**  
Promoting technological vocation to children



### Contact

[alonso.felipe@evolvingtherapeutics.es](mailto:alonso.felipe@evolvingtherapeutics.es)  
Phone: +34 660 035 315  
[Personal webpage](#)

