



M. Fátima Lucas

Chief Executive Officer

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Education

2003 – 2007

Ph.D. Computational Chemistry

University of Porto, Portugal

2000 – 2002

M.Sc. Computational Chemistry

University of Porto, Portugal

1994 – 2000

B.Sc. Chemistry

University of Porto, Portugal

Expertise

Biotechnology



Communication



Leadership



Protein engineering



Molecular modeling



Interests

- Old books
- Painting
- Biotechnology

Summary

Over 20 years of experience in the development and application of molecular modeling to the study of enzymes.

Currently as CEO at Zymvol® my goal is to democratize the use of computer simulations in the development of green chemistry.

Experience

Co-Founder & CEO – Zymvol • 2017-

- Led the company to breakeven in less than 18 months
- Secured +2M€ in equity free funding for R&D
- Closed sales with multinational companies in Chemical, Biotech and Pharma sectors in Europe, America and Asia

Senior Researcher – Anaxomics Biotech • 2015-2016

- Coordinated the computational efforts within the INDOX European project (www.indoxproject.eu - total budget 7.7M€).
- Developed novel computer-aided protein engineering strategies.
- Managed research progress and presented results (deliverables, publications, project meetings, conferences).

Senior Researcher – Barcelona Supercomputing Center • 2013-2016

- Managed BSC's participation within the INDOX project.
- Develop automated computational protocols for protein engineering.
- Managed a team of 5 Ph.D. candidates.

Researcher – Barcelona Supercomputing Center • 2008-2013

- Developed new strategies for ligand migration in proteins and induced-fit docking. Implemented new tools for quick sampling of DNA-ligand interaction.
- Planned and designed the research strategy.