

CDTI awards ZYMVOL Biomodeling with NEOTEC funding (200.500€)

Barcelona, July 26th 2019. The Centre for the Development of Industrial Technology (CDTI), a Spanish public organization under the Ministry of Economy and Competitiveness, has awarded ZYMVOL with a NEOTEC grant of 200.500€. The research project called **HEER - “Haciendo la Evolución In Silico de Enzimas una Realidad (Making in silico Enzyme Evolution a Reality)”** aims to boost the ZYMVOL’s business development, as well as scientific development. In particular, this project will promote R&D for the improvement of our enzyme search platform by fitting experimental data with our *in silico* predictions.

Enzymes (biocatalysts) have been used in industrial processes since more than 70 years, however not all natural enzymes are valid for the overwhelming amount of specific, different chemical processes that take place in the current industry. Therefore, improvement (“tailor”) of enzymes becomes a necessity if companies want to maintain their competitiveness. This is due to the global trends, in which companies from sectors as food, feed, detergents or cosmetics need to improve their products in different aspects, like composition, performance or manufacturing; and sectors like chemical and pharmaceutical need to implement sustainable production processes (like biocatalysis) while they reduce costs.

ZYMVOL’s software pipeline, ZYMEVOLVER, allows the generation of custom-made enzymes. Since the technology can be applied to any type of enzyme, it is able to optimize enzymes in any industry and application, being a very versatile tool.

The project addresses a market necessity of better performing enzymes and improved processes that companies are requesting. Besides, it also aims to promote the projection of ZYMVOL as a company, contributing to develop and implement a sales & marketing plan.

About ZYMVOL

[ZYMVOL Biomodeling SL](#) is a privately funded company specialized in *in silico* enzyme engineering. Founded in May 2017, the company currently has customers in more than 10 countries worldwide and is actively engaged in highly innovative and competitive R&D projects. ZYMVOL was selected in July 2019 as top 10 most promising startup in Catalonia by [L’Economic](#).

Contact: Andrea Martínez Bernardini, PhD; Project and Communication Manager
(amartinez@zymvol.com)