European Commission awards ZYMVOL Biomodeling with H2020 SME Instrument Phase II (1,3 M€)

Barcelona, 10th October 2019. The European Commission has awarded ZYMVOL with a SME Instrument Phase II funding (1,3M€) for the project **"UNLOCK-EDD: UNLOCK next generation computer guided Enzyme Discovery & Design".** The project goals are:

- to keep improving the proprietary technology by implementing artificial intelligence approaches
- the development of a computational pipeline for enzyme kits
- the development of proprietary enzymes

Enzymes (biocatalysts) are increasingly used in a number of different industrial sectors with the aim to operate in a more sustainable way. The shift to this greener production requires a process of adaptation of the enzyme to the industrial process. The current market need is better performing enzymes, adapted to each industry's particular processes and products, provided/developed in a reasonable timeframe and cost-effective manner.

ZYMVOL offers an integrated solution consisting in a (multidisciplinary) approach to enzyme engineering deployed by ZYMVOL's technology that quickly *delivers* mutations required to cover the desired industrial need. It allows to replace up to 90% of experimental screens.

The project addresses a market necessity of better performing enzymes and improved processes that companies are requesting.

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 Chemical, Pharmaceutical, Food and Biotech sectors and is actively engaged in highly innovative and competitive R&D projects such as the SMARTBOX (https://cordis.europa.eu/project/rcn/222690/factsheet/en).

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