

Michal Poborsky
Videnskabelig assistent
Molekylær Plantebiologi
Postadresse:
Thorvaldsensvej 40
1871
Frederiksberg C
E-mail: michal@plen.ku.dk
Telefon: +4535335911
Hjemmeside: <https://plen.ku.dk/forskning/molekylaer-plantebiologi/>



Kvalifikationer

PhD in Biotechnology, University of Copenhagen
15 nov. 2018 → 14 maj 2022
Dimissionsdato: 22 jul. 2022

Ansættelse

Videnskabelig assistent
Molekylær Plantebiologi
Københavns Universitet
Frederiksberg C
1 sep. 2022 → nu

Publikationer

Systematic engineering pinpoints a versatile strategy for the expression of functional cytochrome P450 enzymes in *Escherichia coli* cell factories

Poborsky, Michal, Crocoll, C., Motawie, Mohammed Saddik & Halkier, Barbara Ann, 2023, I: Microbial Cell Factories. 22, 10 s., 219.

Comparison of Genome and Plasmid-Based Engineering of Multigene Benzylglucosinolate Pathway in *Saccharomyces cerevisiae*

Wang, Cuiwei, Poborsky, Michal, Crocoll, C., Nødvig, C. S., Mortensen, U. H. & Halkier, Barbara Ann, 2022, I: Applied and Environmental Microbiology. 88, 22, 15 s., e00978-22.

Engineering *Escherichia coli* towards production of plant specialized metabolites

Poborsky, Michal, 2022, Department of Plant and Environmental Sciences, Faculty of Science, University of Copenhagen. 129 s.

Transport engineering in microbial cell factories producing plant-specialized metabolites

Belew, Zeinu Mussa, Poborsky, Michal, Nour-Eldin, Hussam Hassan & Halkier, Barbara Ann, 2022, I: Current Opinion in Green and Sustainable Chemistry. 33, 100576.

Effects of the engineering of a single binding pocket residue on specificity and regioselectivity of hydratases from *Lactobacillus Acidophilus*

Zhang, Y., Eser, B. E., Kougioumtzoglou, G., Eser, Z., Poborsky, Michal, Kishino, S., Takeuchi, M., Ogawa, J., Kristensen, P. & Guo, Z., 2021, I: Biochemical Engineering Journal. 171, 108006.

Rational Engineering of Hydratase from *Lactobacillus acidophilus* Reveals Critical Residues Directing Substrate Specificity and Regioselectivity

Eser, B. E., Poborsky, Michal, Dai, R., Kishino, S., Ljubic, A., Takeuchi, M., Jacobsen, C., Ogawa, J., Kristensen, P. & Guo, Z., 2020, I: ChemBioChem. 21, 4, s. 550-563