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Qualifications

PhD in Biotechnology, University of Copenhagen
15 Nov 2018 → 14 May 2022
Award Date: 22 Jul 2022

Employment

Academic employee FU
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Research outputs

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, In: *Microbial Cell Factories*. 22, 10 p., 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, In: *Applied and Environmental Microbiology*. 88, 22, 15 p., 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 p.

Transport engineering in microbial cell factories producing plant-specialized metabolites

Belew, Zeinu Mussa, Poborsky, Michal, Nour-Eldin, Hussam Hassan & Halkier, Barbara Ann, 2022, In: *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, In: *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, In: *ChemBioChem*. 21, 4, p. 550-563