

Lista de publicații

1. K. Kovács, G. Bánóczy, A. Varga, I. Szabó, A. Holczinger, G. Hornyánszky, I. Zagyva, C. Paizs, B. G. Vértessy, L. Poppe. Expression and Properties of the Highly Alkalophilic Phenylalanine Ammonia-Lyase of Thermophilic *Rubrobacter xylanophilus*, *PLoS ONE* **2014**, 9:e85943
2. D. Weiser, A. Varga, K. Kovács, F. Nagy, A. Szilágyi, B. G. Vértessy, C. Paizs, L. Poppe, Bisepoxide cross-linked enzyme aggregates - New immobilized biocatalysts for selective biotransformations, *ChemCatChem*, **2014**, 6:1463-1469.
3. A. Varga, G. Bánóczy, B. Nagy, L. C. Bencze, Á. Gellért, F. D. Irimie, J. Rétey, L. Poppe, C. Paizs. Influence of the aromatic moiety in α - and β -arylalanines on their biotransformations with phenylalanine 2,3-aminomutase from *Pantoea agglomerans*, *RSC Advances*, **2016**, 6, 56412 – 56420
4. A. Varga, A. Filip, L. C. Bencze, P. Sátorhelyi, E. Bell, B. G. Vértessy, L. Poppe, C. Paizs. Expression and purification of recombinant phenylalanine 2,3-aminomutase from *Pantoea agglomerans*, *Studia Ubb Chemia*, LXI, 2, **2016** (p. 7-19)
5. A. Varga, Z. Bata, P. Csuka, D. M. Bordea, B. G. Vértessy, A. Marcovici, F.D. Irimie, L. Poppe, L. C. Bencze. A novel phenylalanine ammonia-lyase from *Kangiella koreensis*. *Studia Ubb Chemia*, LXII, 3, **2017** (p. 293-308)
6. P. Csuka, V. Juhász, S. Kohári, A. Filip, A. Varga, P. Sátorhelyi, L. C. Bencze, H. Barton, C. Paizs, and L. Poppe; *Pseudomonas fluorescens* Strain R124 Encodes Three Different MIO Enzymes, *ChemBioChem* **2018**, 19, 1–9
7. E. Sánta-Bell, Z. Molnár, A. Varga, F. Nagy, G. Hornyánszky, C. Paizs, D. Balogh-Weiser, L. Poppe; “Fishing and Hunting”—Selective Immobilization of a Recombinant Phenylalanine Ammonia-Lyase from Fermentation Media, *Molecules* **2019**, 24, 4146
8. A. Varga, P. Csuka, O. Sonesouphap, G. Bánóczy, M.I. Toşa, G. Katona, Z. Molnár, L.C. Bencze, L. Poppe, C. Paizs; A novel phenylalanine ammonia-lyase from *Pseudozyma antarctica* for stereoselective biotransformations of unnatural amino acids, *Catalysis Today* **2020**, <https://doi.org/10.1016/j.cattod.2020.04.002>