

Special Issue

Biocatalysis, Enzyme and Process Engineering

Message from the Guest Editors

Enzyme engineering, often coupled to process engineering, has been shown to provide a sound approach to tackle these issues and improve the catalytic and stability features of several enzymes. In addition, methodologies such as continuous flow, already well-established in chemical processes, have been increasingly used in biocatalysis, given their potential to increase overall bioconversion rates due to increased mass transfer and enhanced throughput of material. This Special Issue on “Biocatalysis, Enzyme, and Process Engineering” aims to address novel advances in the development and application of enzymes in the production of goods of interest for large-scale production. Topics include but are not limited to the following:

- Enzyme engineering towards improved biocatalysts;
- The development of novel process designs for biocatalysis;
- Multienzyme cascade reactions.

Guest Editors

Dr. Pedro Fernandes

1. Faculty of Engineering, Universidade Lusófona, 1749-024 Lisboa, Portugal

2. iBB – Institute for Bioengineering and Biosciences, Department of Bioengineering, Instituto Superior Técnico, Universidade de Lisboa, 1649-004 Lisboa, Portugal

Dr. Carla C. C. R. de Carvalho

iBB—Institute for Bioengineering and Biosciences, Department of Bioengineering, Instituto Superior Técnico, Universidade de Lisboa, Lisbon, Portugal

Deadline for manuscript submissions

closed (31 December 2020)



Processes

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CiteScore 5.5



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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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