



Enzyme Application in Sustainable Processes and Industrial Biocatalysis

Guest Editors:

Dr. Paz Garcia-Garcia

Department of Applied Physical
Chemistry, Departmental Section
of Food Science, Universidad
Autónoma de Madrid, 28049
Madrid, Spain

Dr. Gloria Fernandez-Lorente

Institute of Food Science
Research (CIAL-CSIC), C/Nicolás
Cabrera, 9, Campus de
Cantoblanco, 28049 Madrid,
Spain

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Message from the Guest Editors

Dear Colleagues,

Enzymes are a class of macromolecules with a wide range of applications in industrial processes due to their catalytic activity, as they can selectively modify a unique substrate in a complex matrix under mild experimental conditions. Compared with other catalysts, these biocatalysts have multiple advantages including sustainability, specificity, activity, and catalytic efficiency.

At present, only a small number of the known enzymes present in nature are used in industry. Moreover, they must be optimized for biotechnological use. For this reason, enzyme engineering has emerged as an interesting technology to customize biocatalysts with improved properties to obtain new ingredients and high-quality products under the principles of green chemistry.

Thus, this Special Issue is focused on enzyme application in industrial processes; original research articles and reviews are welcome and encouraged.





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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

Message from the Editor-in-Chief

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Processes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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