Special Issue

Immobilized Enzymes: Strategies for Enzyme Stabilization

Message from the Guest Editor

Enzymes are able to catalyze the most complex chemical processes under the most benign experimental and environmental conditions. In this way, enzymes could be excellent catalysts for a much more sustainable chemical industry. For industrial applications, enzymes have to be immobilized, via simple and cost-effective protocols, in order to be re-used for very long periods of time. From this point of view, immobilization, simplicity and stabilization are strongly related concepts. The preparation of optimal and cost-effective enzyme biocatalyst is the main topic of this special issue. This Special Issue is devoted to:

- The critical revision of simple protocols for immobilization-stabilization of enzymes
- The improvement of functional properties of enzymes via immobilization and post-immobilization techniques.

Guest Editor

Prof. Dr. Jose M. Guisan
Department of Biocatalysis, Institute of Catalysis, Spanish Research Council, ICP-CSIC, Campus UAM, 28049 Madrid, Spain

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Catalysts
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
catalysts@mdpi.com

mdpi.com/journal/catalysts

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Prof. Dr. Keith Hohn
Carl R. Ice College of Engineering, Kansas State University, Manhattan, KS, USA

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