



Immobilization of Enzymes

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Message from the Guest Editors

Enzyme immobilization is frequently considered as a pre-requisite to the development of an enzyme as a biocatalyst for synthetic applications.

Many efforts have been devoted over the years to the development of various immobilization techniques and materials. Nevertheless, the optimal immobilization technique often needs to be tailored for each enzyme to fit both the peculiar enzyme features and the final process. Combining information derived from protein sequence, 3-D structure, reaction mechanism and process features with data on physical/chemical properties of the carrier is pivotal to develop *ad hoc* immobilization strategies.

For this Special Issue, we welcome contributions from all aspects of enzyme immobilization, may they be related to fundamental science or practical applications, that can be outlined by the following keywords:

- Enzyme immobilization techniques
- Enzyme co-immobilization for cascade reactions
- Rational design of immobilization
- Improved enzyme properties *via* immobilization
- Novel supports for enzyme immobilization
- Enzyme modification to improve immobilization on solid support
- Biotransformations catalyzed by immobilized enzymes

