

Special Issue

Biocatalysis of Compounds for Pharmaceutical and Biomedical Applications

Message from the Guest Editor

Nowadays, methods using enzymes as catalysts to obtain substances of importance in the pharmaceutical and biomedical fields have become intensively researched. These biocatalytic reactions are beneficial from an ecological and economic point of view because enzyme-catalyzed reactions do not require drastic conditions, which reduces their toxicity. They also make it possible to simplify procedures by omitting, among others, many steps of enantioselective synthesis. Native (free) forms of enzymes are commonly used in biocatalytic reactions. However, it should be emphasized that an intensive study is being carried out to develop effective methods that allow for increased catalytic activity. One technique that enables the gain of higher enzymatic activity and stability is to immobilize enzymes on supports.

Guest Editor

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