Special Issue

Advanced Technologies and Applications in Biocatalytic Transformations

Message from the Guest Editors

Currently, the rapidly growing concern for environmental sustainability leads to the optimization and upscaling of processes of biotransformation. Biotransformation can be exploited to produce high-value products, also starting from alternative sources allowing the valorization of byproducts. Microbial metabolisms can represent a highly efficient and cost-effective feasible tool. In parallel, the use of isolated and/or commercially available biocatalysts allows embracing the dictates of green chemistry, synthesizing functional molecules and value-added materials. The design of biocatalyzed processes also involves the knowledge of protein structure, enzymatic kinetics, and reactor design. The purpose of this Special Issue on “Advanced Technologies and Applications in Biocatalytic Transformations” is to collect and publish original research or review articles concerning the biotransformation process progresses.

Guest Editors

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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