



Biocatalytic Cascade Reactions (in vivo and in vitro)

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Message from the Guest Editors

The topic of this Special Issue encompasses cascades employing (engineered) enzymes that operate simultaneously in one pot—either a reaction tube or a living cell—or in a sequential fashion in vitro, in vivo, or in hybrid systems. Enzymes may be applied in isolated form, immobilized, as cell-free extracts, as whole-cell biocatalysts, as well as in combination with metal- and organo-catalysts or in entirely unprecedented forms.

The aim of this Special Issue is to highlight current developments in the fields of biocatalysis and cascade design and to grasp emerging trends that will facilitate the manufacturing of chemicals, pharmaceuticals, and highly demanded ingredients of the future ... already today!

