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Bioelectrocatalysis, from a Fundamental Understanding of Mechanisms to Synthesis of Molecules

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Message from the Guest Editors

Dear Colleagues,

Redox reactions are crucial to biology and chemistry as well as for environmental research. This Special Issue focuses on bioelectrochemical methods, addressing different aspects of this important field with the aim of achieving a basic understanding of the biocatalytic processes and their application in bioelectrochemical technology. Our focus is both on fundamental and applied research: Methods based on the electrocatalytic reaction of enzymes and bacteria, both as biofilms and suspended biomass, or methods based on metals, metalloids or organic molecules, and novel electrochemically active microorganisms from extreme environments. Submissions of pilot scale processes and precommercial bioelectrochemical processes are also encouraged.

Prof. Dr. Petra Hellwig Dr. Mathieu Etienne Prof. Enrico Marsili *Guest Editors*









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Message from the Editor-in-Chief

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