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Bioelectrocatalysis: Theory, Methods and Applications

Guest Editor:

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Deadline for manuscript submissions:
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Message from the Guest Editor

Dear Colleagues,

Redox reactions are crucial to biology. In this Special Issue, bioeletrocatalytic studies are in focus that address different aspects of this important field, including the basic understanding of catalytic processes, the reactivity of proteins and biomimetic systems, the creation of theoretical and experimental methods and their application in technology. The special issue also involves fundamental and applied research on the bioelectrocatalytic reaction of small molecules (oxygen, NO, CO_2, quinones) in biomimetic systems, in large enzymatic ensembles as well as the redox reactivity of bacteria, algae or similar biological systems.

Prof. Dr. Petra Hellwig
Guest Editor

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Message from the Editor-in-Chief

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