



Reaction Kinetics in Bioinorganic Systems

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Message from the Guest Editors

The main motivation of Special Issue "Reaction Kinetics in Bioinorganic Systems" is, first and foremost, the awareness of questions still awaiting answers, concerning, among other things, the reactivity of metalloproteins, the interactions of exogenous metal compounds with cellular targets, or the involvement of small inorganic molecules in important biological processes. New insights into these issues provided by powerful time-resolved tools are, in turn, stimulating the development of novel therapeutic and diagnostic strategies, in which kinetic studies play an important role from the synthesis of new preparations and their stability tests through activation and/or the release of the active agent to the stage of stimulation of signaling, remedial, or cell death-inducing mechanisms. In these latter aspects, the more and more frequent use of light as a trigger in novel photomedicine strategies has been observed in recent years. Therefore, we intend to bring together the most recent contributions dealing with both the thermal and photochemical reactivity of metal compounds and small inorganic molecules in model or actual biological systems.





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Message from the Editor-in-Chief

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