

Special Issue

Reaction Kinetics in Bioinorganic Systems

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.

Guest Editors

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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