

# Special Issue

## Molecular Paradigm Iconoclasm

### Message from the Guest Editor

The molecular sciences involve theoretical pillars, mechanistic paradigms that explain multiple phenomena in the biochemical and inorganic spaces. However, in time, many mechanistic explanations are found to be either incomplete or plainly incorrect. One example is the concept that DNA and RNA only exist to produce proteins rather than also serving as key cellular messaging molecules. Another was the notion that carbon monoxide (CO)-releasing molecules (CORMs) only exerted their effects via CO binding to heme groups attached to ion channels or molecules such as venom enzymes, instead of modifying proteins via CO-independent mechanisms. This Special Issue invites original works or review articles that describe novel mechanisms that challenge accepted paradigms of molecular interactions. A focus on biochemical paradigms is of special interest.

### Guest Editor

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

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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