

Special Issue

Natural Bioactive Compounds against Microorganisms: Sources and Mechanism of Action

Message from the Guest Editor

The role of this Special Issue is to highlight the natural bioactive compounds mechanism of action, often little known or not known at all, through experimental or mixed computational/experimental methods that often provide an atomistic mechanism for the clarification and elucidation of the macroscopically observed experimental behavior. Computational methods, in fact, if combined with experimental ones, can help to outline a mechanism of action. Especially in this pandemic period, the role of these substances, often coming from plants but also from other sources, has been widely re-evaluated. In fact, the phytoextracts can count on the synergistic action of a variety of compounds that actually amplify their properties and prevent microorganisms from being able to weaken or cancel their therapeutic properties with a bypass action. This Special Issue welcomes original research and review articles in the field, with a focus on but not limited to the molecular and mechanistic basis of the natural compound activity against microorganisms.

Guest Editor

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Deadline for manuscript submissions

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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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