

Special Issue

New Insights in Bioactive Compounds as Antibiofilm Agents

Message from the Guest Editors

Most human chronic infectious diseases are caused by microorganisms growing as biofilms, 3D self-organized communities adhered to abiotic and biotic surfaces inherently resistant to antibiotics, disinfectants, and immune system effectors. Novel strategies to control biofilm-associated infections are, therefore, needed. Natural products offer a vast array of chemical structures with various biological properties. For these reasons, they have been recently exploited in the search for potential biofilm inhibitors. Within this framework, this Special Issue aims to collect high-quality contributions focused on the impact of bioactive compounds isolated from several natural sources—such as plants, lichens, algae, microorganisms, animals, and humans—on all aspects of biofilm research. We hope to add needed knowledge for the development of bioactive compounds as novel drugs to combat bacterial biofilms and as antibiotic adjuvants to restore the therapeutic efficacy of current antibiotics.

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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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