



New Insights in Bioactive Compounds as Antibiofilm Agents

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Deadline for manuscript
submissions:

closed (15 March 2024)

Message from the Guest Editors

Dear Colleagues,

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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Message from the Editor-in-Chief

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