

Special Issue

Antibiofilm and Antivirulence Activities of Natural Compounds

Message from the Guest Editor

Due to the high incidence of multidrug-resistant bacteria, traditional antibiotics and biocide treatments are often unsatisfactory. Antivirulence strategies aim to reduce pathogenesis and its consequences without affecting bacterial growth in order to reduce the chance of the emergence of drug resistance. The aim of this Special Issue is to present a collection of manuscripts that explore newly discovered antibiofilm agents as well as antivirulence agents from diverse natural resources. Potential topics may include but are not limited to:

- Identification and molecular study of antibiofilm compounds from phytochemicals, microbial metabolites, and other natural sources;
- Identification and molecular study of antivirulence compounds targeting bacterial virulence factors such as adhesins, quorum sensing, toxins, and immune evasive responses from natural resources;
- Molecular approaches against bacterial drug resistance and persisters.

Guest Editor

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Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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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