

Special Issue

Advances in Antibacterial Materials

Message from the Guest Editors

Bacterial contamination is an important challenge in many fields of research. In medicine, infection is a major issue in surgery and connected to the implantation of biomedical devices, leading to a significant societal burden. In building materials, microbial contamination leads to weathering, which is particularly challenging for cultural heritage, where it causes the loss of precious artifacts. In addition, bacterial contamination can be detrimental to several applications, including food packaging, agriculture, and water treatment, and therefore antibacterial materials are important in several research fields. This Special Issue is devoted to understanding the new advances and current trends in antibacterial materials, their potential fields of application, and the new techniques that can be applied for a faster and/or more reliable evaluation of their efficacy.

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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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