

Special Issue

Microbial Biofilms and Antibiofilm Agents

Message from the Guest Editors

Although the intense basic research on biofilms that has been carried out in recent decades has improved our capacity to design original and efficient therapeutic approaches to specifically target biofilm-related infections, most of these approaches are still at a developmental stage, and treatment of biofilm infections currently represents a challenging task for microbiologists and clinicians. Several mechanisms are responsible for the recalcitrance of biofilms to conventional antimicrobial treatments. To increase the translational potential of novel antibiofilm approaches, much work still needs to be done. Moreover, the increasing awareness of the polymicrobial nature of biofilms should lead to the development of dedicated approaches to study bacteria–bacteria or bacteria–fungi interactions and their consequences on biofilm pathogenesis or tolerance towards antibiotics. This Special issue aims to gather a collection of papers focused on biofilm infections and new strategies to target them, with special interest at the molecular mechanisms involved in antibiofilm action.

Guest Editors

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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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