

Special Issue

Microbial Natural Products

Message from the Guest Editors

The microbes and the metabolites that they produce have the potential to improve the world in which we live. In particular, the evolution of microbes in various and sometimes extreme environments leads to the apparition of novel functionalities and survival strategies. Natural products, also referred to as secondary or specialized metabolites of bacteria and fungi, are enormously diverse. For instance, it is estimated that only 1% of the diversity inherent to endophytes has so far been explored. In light of the necessity for novel antibiotics, due to a worldwide increase in bacterial resistance, as well as a need for sustainable industrial applications, there remains a strong call for microbial natural products discovery and design. This Special Issue aims to identify and review the latest bioactive compounds that have been discovered and explore the evolutionary driving forces behind the diversification of natural products, as well as their medical, pharmacological, and industrial applications.

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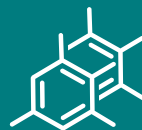
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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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