



Microbial Natural Products in The Era of Genome- And Metabolome-Mining

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Message from the Guest Editors

Microbial natural products also referred to as secondary metabolites or specialized metabolites, have a strong track record as valuable lead structures for drug discovery in areas ranging from infectious diseases to cancer therapy to agriculture. This Special Issue will highlight recent studies where genome- and metabolome-mining approaches were instrumental in uncovering and characterizing new natural products. Contributions should include a description of how genome information or metabolomics methods were helpful, to support structure elucidation, for connecting molecules to biosynthetic genes, to establish a model for biosynthesis, to shed light on specific enzymatic steps during compound formation, for production improvement, or to gain insights into bioactivity, and the mode-of-action of the investigated molecules.

You are welcome to visit the [Website](#) .

We look forward to receiving your nice contribution!





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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th 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 multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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