

Special Issue

Biosynthesis and Engineering of Natural Products

Message from the Guest Editor

Natural products are biosynthesized compounds, usually of complex chemical structure, produced by living organisms in multistep, enzyme-catalyzed processes. Approximately 40% of all current drugs are natural products or natural product-derived chemical entities. The chemical complexity renders these molecules uniquely bioactive; therefore, elucidation of the biosynthesis and biological activities of these compounds is essential for developing natural products into new efficacious and safe therapeutics. This Special Issue is focused on the structure, biosynthesis, and engineering of natural products. Important insights in these studies may guide new generations of drugs and other bioactive agents.

Guest Editor

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About the Journal

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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