



Natural Products from Fungi

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Message from the Guest Editor

Dear Colleagues,

The kingdom fungi are largely established as one of the major biodiverse assets of our natural resources. These organisms can be unicellular or multicellular and exist/survive in all the environments on earth: terrestrial soil, aquatic sea, freshwater, and in extreme habitats on the planet. They play a significant role serving as symbiotic, parasitic, and/or mutualistic organisms, providing extraordinary properties. Several fungi engage in pharmaceutical industry, enzymes, food, and some take part in biotechnology, while some are sources of natural products with diverse chemical entities and wide applications.

This Special Issue is dedicated to the contributions (reviews, full articles, communications) of these important organisms on several aspects which include, but are not limited to isolation and structural elucidation of undescribed bioactive secondary metabolites, biosynthetic studies and applications, total syntheses of secondary fungal metabolites and derivatives, as well as new methodologies involving novel therapeutic agents involving organisms of these kingdom.





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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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