Special Issue

Bioactive Compounds Isolated from Microalgae

Message from the Guest Editors

Microalgae represent a vast and untapped source of new structures and biologically active molecules. For the last three decades, this group of microorganisms have received much attention, mainly concerning the difficulties associated to their taxonomic identification, culturing, and industrial applications, but most especially, due to the unique molecules that they produce. Recent advances in microalgae biotechnology have made these microorganisms a hotspot for both the discovery of new bioactive natural products and the development of their full potential.Accordingly, the aim is to cover new findings on the potencial therapeutic activity of natural molecules obtained from microalgae or active compounds produced by synthesis, highlighting novel structural features, bioactivities, and mechanisms of action, all inspired by microalgae metabolites. Review articles that make substantial advances within this field will also be considered.We encourage scientists working in any field involving microalgae biotechnology or new natural molecules with biological activities or industrial applications to contribute to recent research that may lead to significant advances in the area.

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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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