

Special Issue

Biological Potential of Marine and Terrestrial Species

Message from the Guest Editors

The search for novel bioactive compounds in natural sources has been increasingly receiving a great amount of attention, driven by the need of finding alternatives with higher efficacy, and less undesirable effects than those currently used in therapeutics. Despite the historical value of terrestrial species, plants, in particular, being the most prolific source of bioactive molecules, sea contains a genetic diversity that is superior to land, comprising living organisms that could be responsible for the production of unknown compounds that might give a significant contribution to drug discovery. This Special Issue will focus several aspects related to the bioactivity of both plant and animal species, covering from well characterized extracts to isolated compounds, primary and secondary metabolism, bioavailability and toxicological features, by exploring the relevant current scientific research to provide a general perspective of this broad area.

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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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