

Isolation, Synthesis and Biological Activity of Polysaccharides

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Message from the Guest Editors

Dear Colleagues,

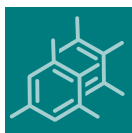
Polysaccharides, natural macromolecular polymers found in plants, animals, algae, and microbes, have drawn interest owing to their functionalities. Polysaccharide is a fundamental chemical involved in the metabolism of living creatures, as well as a structural support and energy storage material for cells. It is involved in cell identification and control, cellular biological information transport and transmission, immunological response, and protein transfer.

This Special Issue will collect manuscripts on the isolation, modification, biosynthetic process, biological activity, and structure–activity relationships of polysaccharides, as well as oligosaccharides.

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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