

Special Issue

Polysaccharide Chemistry—a Tool for Novel, Sustainable, and Advanced Products and Materials: A Themed Issue in Honor of Prof. Dr. Thomas Heinze

Message from the Guest Editor

Polysaccharides, fascinating biopolymers and the most common organic compounds on earth, possess amazing molecular and supramolecular structures. Chemical modification, including unconventional methods for the modification of polysaccharides, has opened new avenues to the development of advanced and sustainable materials. Advanced analytical tools have been established to obtain real structure–property relationships. This Special Issue aims to honour the outstanding contribution of Prof. Thomas Heinze to the field of polysaccharide chemistry and polysaccharide-based materials. Thomas Heinze is a Professor of Organic Chemistry at the Institute of Organic and Macromolecular Chemistry, Friedrich Schiller University of Jena, Germany. From 2010 to 2014, he also worked as a Finland Distinguished Professor at the Åbo Akademi University, Finland. Prof. Heinze has made many contributions to the research of polysaccharides at large, including concepts for polysaccharide chemistry, homogeneous phase reactions, nanostructuring of polysaccharides, and characterization by advanced analytical tools.

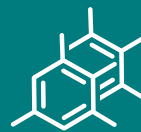
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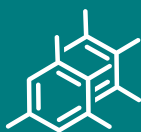


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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th 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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