

Special Issue

Functional Aspects of Lectins

Message from the Guest Editor

Lectins are sugar-binding proteins important for control and fine-tuning of biological processes, both intracellularly and extracellularly. These proteins are found ubiquitously in a wide range of organisms from single cell bacteria to multicellular animals and plants, and in viruses. Lectins are important in, for example, the immune system, cell cycle control, and development. At the molecular level, lectin interactions are involved in RNA splicing, apoptosis, autophagy, cell-cell communication, and pathogen interaction, among others. In this timely Special Issue, articles and reviews on the functional aspects of lectins will be welcome. Relevant topics could be the ones listed in the keywords; however, any functional aspects of lectins are of interest.

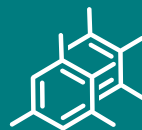
Guest Editor

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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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