

Special Issue

Glycobiology: The New Discoveries, Approaches, and Technical Developments

Message from the Guest Editor

Over the last few decades, our understanding of structure and function of carbohydrate has undergone an incredible transformation. From being considered molecules whose role is strictly energetical or structural, glycans are now recognized as complex and diverse structures involved in, and even crucial to, numerous biological processes. Given that the techniques and interest for investigating the structure, presence, and functions of glycans are progressing more and more, it is expected that we will, in the years ahead, discover many more of their roles—some "sweet or desirable", others "bitter or fatal". The growing field of glycobiology has a great impact, not only on our understanding of biological processes, but also on our potential to modulate them. This open access Special Issue will bring together original research and review articles on various aspects of glycobiology. The main focus of this issue is sharing significant works that advance our understanding of glycans' roles and their impact on the structure and function of individual molecules, materials, cells, tissues, and organisms, as well as on the interplay between them.

Guest Editor

Dr. Sanja Dabelić

Department of Biochemistry and Molecular Biology, Faculty of Pharmacy and Biochemistry, University of Zagreb, A. Kovacica 1, 10000 Zagreb, Croatia

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Prof. Dr. José L. Quiles
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