

## Special Issue

# Glycoconjugates in Health, Disease, and Therapy—an Update

### Message from the Guest Editors

Glycosylation is an essential, crucial, and critical posttranslational modification in the life cycle of membrane and secretory proteins and membrane lipids. The modulation of glycosylation helps to elucidate the implication of glycoproteins in a variety of cellular mechanisms in health and disease. The scope of this Special Issue is to describe the latest advances in the biosynthesis and processing of glycans, glycoconjugates, and glycoproteins and their implication in the abovementioned crucial roles in (patho)physiology. Contributions exploring the following topics are particularly encouraged:

- Protein folding;
- Membrane trafficking;
- Protein sorting and polarity;
- Protein–protein interactions;
- Enzyme functions;
- Cell–cell communication;
- Host–pathogen interaction;
- Immune response;
- Novel therapeutic approaches.

This Special Issue particularly welcomes original research articles and brief communications. Up-to-date reviews on the described topics will be also considered. We look forward to reading your contributions.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2022)



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### Message from the Editorial Board

*Biomolecules* is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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