

Special Issue

Glycomics in Health, Aging and Disease

Message from the Guest Editor

The glycome plays an essential role in life, since glycans (glycoproteins, glycolipids, proteoglycans, lipopolysaccharides, free glycans etc.) are vital in cell communication, cell growth, tumors and metastasis, and bacterial and viral infections. It is therefore not surprising that many diseases are linked to abnormalities in the synthesis of glycans, from congenital glycosylation disorders (CDGs) to other illnesses such as autoimmune and inflammatory diseases, neurodegenerative diseases, and cancer. With this Special Issue entitled “Glycomics in Health, Aging and Disease”, we aim to provide a dedicated platform for all glyco-scientists to publish their results in the journal of *Biomolecules*. We welcome all kinds of contributions concerning structural and/or functional studies on glycans and glycoconjugates, as well as on those aspects that can shed light on their physiological roles, their biosynthesis, the pathophysiology of glycosylation disorders, and their role in bacterial and viral infections. Therefore, we are pleased to invite you to submit your manuscript to this Special Issue. We look forward to receiving your contributions.

Guest Editor

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Deadline for manuscript submissions

30 November 2026



Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/247532

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About the Journal

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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