

Special Issue

Protein Glycosylation in the Secretory Pathway: Variation, Biosynthesis and Function

Message from the Guest Editors

Dear colleagues, Recent glycoproteomic and glycomic studies have clearly shown that the vast majority of proteins entering the secretory pathway are glycosylated. The glycan structures and glycosylation pattern are dynamically and differentially regulated during development as well as under certain pathological conditions. Glycosciences are undoubtedly experiencing a boom, as it is becoming more and more apparent that glycoproteins affect virtually all aspects of growth and development in the health and disease processes of eukaryotes.

This Special Issue will cover a broad range of studies on diversity, biosynthesis, and the function of protein glycosylation in eukaryotes ranging from yeast to human disease models. Experimental papers, recent review articles, and commentaries are welcome.

Guest Editors

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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