

Special Issue

Carbohydrate, Lipid and Protein Metabolism in Human Health and Disease

Message from the Guest Editors

Carbohydrate, lipid and protein metabolism is an essential and complex biochemical reaction in the organism. The advent of new tools and information technologies have made it feasible to analyze entire glycomics, lipidomics, proteomics and metabolomics in biofluids and tissues. The determination of individual macronutrient characteristics (composition and abundance) in biosamples could be a powerful tool that can be used to understand the mechanisms of carbohydrate, lipid and protein-based diseases. The mechanisms that link carbohydrate, lipid and protein metabolism and metabolic syndrome have been studied, but remain not fully understood. We kindly invite investigators to contribute both original research and review articles that are in accordance with this Special Issue, which focuses on the role and mechanisms of carbohydrate, lipid and protein metabolism associate with related diseases, including obesity, diabetes, non-alcoholic fatty liver disease (NAFLD/NASH), atherosclerosis, hypertension, and coronary artery diseases.

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Deadline for manuscript submissions

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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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