

Special Issue

Nanoformulations for the Treatment of Inflammation and Metabolic Disorders

Message from the Guest Editor

Metabolic disorders are a cluster of conditions that increase the risk of stroke, heart disease, hypertension, dyslipidemia, and type 2 diabetes. Developing effectively therapeutic and preventive measures for these multifactorial metabolic diseases has so far been challenging. There has been growing interest in natural molecules and synthetic analogs as alternative therapeutical drugs for common chemical therapeutics regarding their limited side effects and ease of access. However, common problems for these compounds are their low solubility and bioavailability. A novel approach is to design nanoformulations of these molecules with developed pharmacodynamics and pharmacokinetics to increase their solubility and bioavailability and promisingly improve their efficacy. This Special Issue addresses molecular and mechanistic research on nanosized drug carriers, and we invite researchers to contribute original research articles and reviews focused on different nanotechnology-based strategies of natural molecules and synthetic analogs for the treatment of metabolic disorders.

Guest Editor

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Deadline for manuscript submissions

closed (31 March 2024)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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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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