

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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