Special Issue

Green-Based Nanoemulsion for Drug Delivery

Message from the Guest Editor

The upcoming Special Issue "*Green-Based Nanoemulsion for Drug Delivery*" in the *Materials* journal will focus on the development, characterization, and biomedical application of nanoemulsions formulated mainly using environmentally friendly ("green") methods and materials. Nanoemulsions, with their unique properties such as high surface area, stability, and the ability to load and deliver hydrophobic drugs, are gaining increasing research interest as promising drug delivery systems. The articles within this Special Issue will cover a wide array of topics, such as the design and optimization of green nanoemulsion systems, the use of plant-derived and/or biodegradable materials, and the assessment of pharmacokinetics and therapeutic efficacy in vitro and in vivo. Special focus will be given to the potential of these systems to improve drug solubility, bioavailability, and safety profiles. This Special Issue will be useful for researchers and industry professionals interested in sustainable solutions for drug delivery, to bridge the gap between eco-friendly formulation science and advanced biomedical applications.

Guest Editor

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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