Special Issue

Functional Nanomaterials for Drug Delivery

Message from the Guest Editor

Integrating functional nanomaterials into drug delivery systems addresses issues like poor solubility and systemic toxicity, advancing more effective treatments for cancer, gene therapy, infectious diseases, neurological disorders, and vaccine delivery. This Special Issue seeks research on the creation, characterization, and application of functional nanomaterials in targeted drug delivery, including new nanocarriers, sustained-release, targeted, and stimuli-responsive drug delivery methods. We invite original research, reviews, methodological papers, and clinical studies on nanomaterials in drug delivery, with a focus on improving biocompatibility, bioavailability, and personalized treatments.

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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