

Special Issue

Drug Delivery: Recent Developments and Future Prospects

Message from the Guest Editor

The effectiveness of drugs is significantly related to their route of delivery. Thus, the development of efficient drug delivery systems (DDSs) is of paramount importance in better controlling the pharmacodynamic and pharmacokinetic profile of drugs. Other aspects, such as immunogenicity and toxicity, are also impacted by their delivery mechanism. Currently, materials in the nanoscale range are employed to deliver drugs to specific targeted sites in a controlled manner. The opportunities and challenges of nanomedicines in drug delivery from synthetic/natural sources are currently subjected to intense scrutiny, and the information regarding the trends and perspectives in the nanomedicine area is very indulging. These delivery vehicles are only a small part of those currently available. In this Special Issue, we aim to attract the interest of colleagues in the drug delivery systems field and encourage them to contribute their research work on state-of-the-art drug delivery carriers with promising perspectives.

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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