Special Issue

Micro- and Nanoparticles in Biomedical and Cosmetic Applications

Message from the Guest Editor

In the biomedical and cosmetics fields, micro- and nanotechnology has enormous potential, and micro-/nanoparticles are already being used in both medicine and the pharmaceutical industry. Nano- and microparticles are applied in the delivery of drugs, proteins, genes, vaccines, polypeptides, nucleic acids, etc. They are indispensable tools in disease monitoring and therapy. In cosmetics, nanoscale versions of ingredients are used to provide more efficient transport of the ingredients through the skin and long-lasting effects. Many active compounds, such as vitamins and plant extracts, are encapsulated in microparticulate delivery systems to achieve improved stability and bioavailability in skin delivery. The number of publications on micro- and nanoparticles has risen fast over the last few years, making this an exciting and promising area of science. This Special Issue will focus on novel advances and applications of micro- and nanoparticles in biomedical and cosmetics fields. Full research articles and comprehensive review articles are welcome.

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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