



materials



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Naturally-Derived Biomaterials and Biopolymers

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The recent health concerns associated with the side effects of synthetic additives used in pharmacy, cosmetics, agriculture, and food industry have stimulated a consumer demand for natural alternatives. There is, therefore, a growing interest in naturally-derived materials that can replace synthetic counterparts and that possess biological activity, such as antimicrobial, antioxidant, anti-inflammatory, antifungal and anticancer properties. This Special issue will consider articles and reviews on, but not limited to, biopolymers extracted from natural resources (proteins and polysaccharides) and composite materials encapsulating bioactive compounds, for application in medicine, tissue engineering, pharmaceuticals, cosmetics, food industry and agriculture.

Dr. Elisa Mele
Guest Editor



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Special issue



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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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