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Polymeric Materials: Surfaces, Interfaces and Bioapplications II

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Deadline for manuscript
submissions:
closed (30 June 2020)

Message from the Guest Editors

Polymeric materials—either synthetic or natural—play an essential role in everyday life, especially those dedicated to bioapplications, such as medical devices, implants, drug delivery systems, active food packaging, agricultural films for farming and crop protection, biosensors, or bioremediation, among others.

This Special Issue aims to cover all the aspects related to recent innovations on surfaces, interfaces, and bioapplications of polymeric materials. Special emphasis will be placed on the influence of chemical or physical surface modification on the inferred properties, such as wettability, stimuli-responsiveness, compatibility, adhesion, toxicity, etc. Besides, contributions analyzing the effect of interfaces and interphases of polymeric blends, hybrids, or (nano)composites on their physico-chemical and biological properties are also appreciated. We also intend to include functional and protective coatings as well as thin films for biological applications in this Special Issue.

Therefore, it is our pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.



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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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