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Advanced Functional Materials for Biomedical Applications

Guest Editor:

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Deadline for manuscript submissions:
closed (10 March 2023)

Message from the Guest Editor

Biomaterials, engineered substances that interact with biological systems with applications in medicine. This Special Issue focuses on recent progress and novel trends in (bio)material science. Special attention will be devoted to biomaterials with advanced functions and unique properties applicable in medicine and biology but also as tools for research.

This Special Issue “Advanced Functional Materials for Biomedical Applications” will underline the most recent discoveries and progress in all fields of science related to advanced materials with possible applications in medicine and biology. This Special Issue will focus particularly on, but not be limited to, cell culture, tissue engineering, drug delivery, antimicrobial activity, material characterization, bioimaging, and bioactivity. Reviews, regular research articles, and short communications on this topic are invited from research groups from all over the world to encourage the dissemination of scientific knowledge through this open-access journal. Researchers working in the field of biomaterials and related disciplines are encouraged to publish their recent findings in this Special Issue of *Materials*.



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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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