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Novel Fluorescent Materials and Nanomaterials for Biomedical Applications

Guest Editor:

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Deadline for manuscript submissions:

closed (30 April 2022)

Message from the Guest Editor

It is my pleasure to introduce a new Special Issue, titled “Novel Fluorescent Materials and Nanomaterials for Biomedical Applications” which will be published in *Materials*, an interdisciplinary journal dedicated to covering leading research and developments in the field of materials science and engineering. This Special Issue encompasses the field of fluorescent materials and nanomaterials for biomedical applications based on organic/inorganic/nano/hybrid materials. Potential topics include, but are not limited to, the following: fluorescent materials; fluorescent probes/sensors; fluorescent nanomaterials; fluorophores; bio-imaging materials; sensing probes; near-infrared emitting materials; aggregation-induced emission materials; one-/two-photon excitable probes; fluorescent detection and sensing; biomarker sensing; drug-delivery system; image-guided surgery; optical imaging; biomedical applications.

- fluorescent materials
- fluorescent nanomaterials
- bio-imaging
- biomarker sensing
- sensing platform
- drug-delivery system
- translational medicine
- nanomedicine



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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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