

## Special Issue

# Biofunctional Nanomaterials for Optical Diagnostic and Therapeutic Applications

### Message from the Guest Editor

The development of new methods and approaches for the diagnosis and treatment of various diseases is one of the most actively developing fields of biomedicine. The creation of nanomaterials with unique optical properties ensures the emergence of biomedical technologies of a qualitatively new level. This Special Issue will collect original research and comprehensive reviews on the most recent advances in the field of biofunctional nanomaterials concerning nanomaterials with promising optical properties for biomedical application. We welcome high-quality papers covering novel nanomaterials with unique optical properties, methods for their biofunctionalization, bioimaging techniques, light-driven nanomaterials-based therapeutic approaches, theranostics applications, and nanotoxicological aspects.

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### Guest Editor

Dr. Irina V. Balalaeva

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### Deadline for manuscript submissions

closed (31 December 2021)



## Materials

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### Message from the Editorial Board

*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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