Special Issue

Hydrogels and Their Biomedical Applications

Message from the Guest Editor

Hydrogels are excellent materials that can swell in the presence of water or physiological fluids. Thanks to their peculiar properties, such as their high water content and the possible control over the swelling kinetics, hydrogels have attracted great interest in the biomedical field. Hydrogels have been investigated for a wide number of biomedical applications, such as in cosmetic surgery, ophthalmology, otolaryngology, orthopedic surgery, tissue engineering, and drug delivery. The current Special Issue of *Materials* is dedicated to overviewing the groundbreaking research related to hydrogels and their most relevant applications in the biomedical field. We hope that the issue will bring new insights to the scientific community in an ever-expanding research field.

Guest Editor

Dr. Assunta Borzacchiello
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Deadline for manuscript submissions

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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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