

## Special Issue

# Biomedical Applications of Organic and Composite Materials

### Message from the Guest Editor

The importance of materials in the biomedical field is irrefutable, as can be seen by their numerous applications such as in scaffolds, sensors, implants, and tissue engineering. The choice of materials with the required properties (chemical, physical, biological, biomechanical and degradation) for the use that is intended is crucial to their success. The fact that they can present a variety of forms (films, coatings, membranes, fibers, foams, etc.) allows one to make the best choice for the therapeutic purpose. A large diversity of organic materials has been investigated for biomedical applications. From natural-based and synthetic polymers to more complex materials such as covalent organic frameworks (COFs), carbon-dots, and porous organic polymers, much research has been done in this field. The combination of materials in such a way that the obtained composite presents customized properties is also an evolving and promising field. In this Special Issue of *Materials*, full research papers, communications, and review articles on the latest advances in the synthesis, characterization, application, and modelling studies of organic and composite materials are all welcome.

### Guest Editor

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### Deadline for manuscript submissions

closed (20 December 2022)



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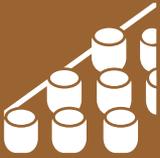


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### Message from the Editor-in-Chief

*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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### Editor-in-Chief

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