

## Special Issue

# Biocompatibility Evaluation of Biomaterials

### Message from the Guest Editor

Following decades of improvements, dental implants have now become a reliable treatment option for the replacement of missing teeth in both partial and complete edentulous patients. Biocompatibility is formally defined as the ability of a material to elicit an appropriate biological response in a given application in the body. In dentistry, research on the biocompatibility of new materials prior to their clinical application is much needed, as compounds may potentially damage the surrounding tissues, stimulating adverse reactions including toxicity, allergy or carcinogenicity, ultimately affecting the tissue renewal process and leading to the development and/or maintenance of exacerbated inflammatory responses. This Special Issue will focus on the biocompatibility and bioactivity and clinical outcome of dental implants and their impact on clinical practice. Full papers of original articles, communications, and review articles are all welcome.

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 March 2022)



## 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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