

## Special Issue

# Frontiers Research in Dental Materials

### Message from the Guest Editor

Dental materials are widely used in fields of dental sciences such as orthodontics, surgery, operative dentistry, endodontics, and periodontics. Today, the dental material market includes resin composite, polymers, glass ionomers, ceramics, titanium, zirconia, and silicate cement. Novel biocompatible and bioactive materials are reported daily in the scientific literature, with a specific focus on pulp repair/regeneration, dental/oral tissue engineering, and bone repair. Additive technologies allow the creation of novel customized and personalized biomaterials that combine excellent mechanical and biological properties in the same product. Better knowledge of the biological, chemical, physical, and mechanical proprieties of dental materials requires continual sharing of the latest research and discoveries in this area. Thus, the aim of the present Special Issue is to provide a scientifically-based overview of the growing development of experimental medicine and biotechnology medical/surgical methods for the evaluation and use of new biomaterials/biomimetics combined with sophisticated and minimally invasive dental techniques.

### Guest Editor

Prof. Dr. Antonella Polimeni

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### Deadline for manuscript submissions

closed (28 February 2022)



## Materials

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## About the Journal

### 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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