

## Special Issue

# Development and Research of New Dental Materials

### Message from the Guest Editors

This Special Issue of *Materials*, titled "Development and Research of New Dental Materials", focuses on the dynamic and evolving field of dental material science. It will highlight the latest advancements in the development, characterization, and application of innovative dental materials designed to meet the ever-growing demands of modern dentistry. Topics of interest include, but are not limited to, new composites, ceramics, polymers, adhesives, bioactive materials, and metal alloys with enhanced mechanical properties, biocompatibility, and longevity. We welcome research that explores novel fabrication techniques, surface treatments, and functionalization methods to improve material performance in the challenging oral environment. Studies investigating the interaction between dental materials and biological tissues, as well as their clinical performance in restorative, prosthetic, and regenerative dentistry, are particularly encouraged, alongside work on preventive dentistry materials, such as remineralizing agents and coatings.

### Guest Editors

Dr. Barbara Lapinska

Prof. Dr. Jorge N. R. Martins

Dr. Abayomi Omokeji Baruwa

### Deadline for manuscript submissions

10 December 2025



## 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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