Special Issue

Advanced Materials for Restorative Dental Sciences

Message from the Guest Editor

The practice of dentistry has evolved dramatically over the last decade. From different implant materials to regenerative therapeutic agents, the treatment modalities have changed with time. The main thrust of these restorative dental materials has been the preservation of existing tooth structure with minimal intervention, along with materials that closely resemble tooth structure with their physical properties and esthetics. In this regard, “smart” materials, time-released filling materials, and nanoparticle filled materials are gaining popularity. In addition, advances in engineering have propelled the fabrication of restorations to achieve faster, convenient, and more accessible treatment. Methods of fabrication have also seen huge technological advancement with the evolution of digital dentistry in the form of milled and printed restorations. In this issue, we would like to showcase the advanced materials that are being applied or developed to enhance dental restorations to move the practice of dentistry into the 22nd century. I look forward to your submissions to this special issue.

Guest Editor

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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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