Special Issue

Advancements in Materials for Fixed Prostheses on Dental Implants: Enhancing Functionality and Aesthetics

Message from the Guest Editors

This Special Issue of *Materials* explores the latest advancements in materials for fixed prostheses on dental implants, highlighting their role in improving the longevity, functionality, and aesthetics of implant-supported restorations. Recent developments in materials science have led to the emergence of new biomaterials that provide superior performance in terms of strength, biocompatibility, and aesthetic outcomes. Ceramic-based materials, polymer-based materials, composite resins, and hybrid materials are being explored for their versatility and ease of fabrication. The Issue also addresses the integration of digital technologies in the design and manufacturing of fixed prostheses. Such as the CAD/CAM (Computer-Aided Design/Computer-Aided Manufacturing) technology's development. Furthermore, surface treatments and coatings are being researched to improve adhesive properties and reduce the risk of complications such as wear and corrosion. Overall, this Special Issue aims to provide a comprehensive review of how new materials are transforming the landscape of fixed prostheses on implants.

Guest Editors

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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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