Special Issue

Modern Materials Used in Dentistry - Review of XXI Century Knowledge

Message from the Guest Editors

The development of dentistry in the past 20 years is compelling, especially in dental materials science. The composition of materials; the biological, physical and chemical features of materials; material engineering; various aspects of biocompatibility; the release of ingredients from materials themselves and their coatings, new types of medicines, new formulations, as well as 3D printing are very promising and rapidly developing branches of dentistry. Furthermore, the aspect of ecology in the production of novel materials should be taken into account. We would like to introduce the XXI century trends in dental materials manufacturing, processing and pharmacy and the expectations associated with them. The aim of this Special Issue is to emphasize the recent changes and trends in this branch of oral sciences and to present the latest original and review papers related to modern dental materials. We invite you to upload original papers and reviews (including metaanalysis and systematic reviews, in particular) on the topics mentioned above.

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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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