

Special Issue

Biomaterials for Medical and Dental Application

Message from the Guest Editor

Dear colleagues, To date, the advancement of medicine and dentistry has been due to the dedication of excellent clinicians and the innovative biomaterials developed for their successful diagnosis and treatment. Biomaterials and related technologies include metals, polymers, drug delivery systems, implantable devices, and related bionanotechnology and tissue engineering. However, countless biomaterials have been studied and introduced even now, but clinical applications in medicine and dentistry are very rare. This is because most of the effects expressed in vitro cannot be maintained in harsh environments in vivo. Therefore, researchers should consider how to apply their research results to actual clinical trials before starting research on biomaterials. Therefore, this Special Issue focuses on research related to biomaterials that are highly likely to be clinically applied in actual medicine and dentistry.

Guest Editor

Prof. Dr. Sung-Hwan Choi

Department of Orthodontics, Institute of Craniofacial Deformity, Yonsei University College of Dentistry, Seoul 03722, Korea

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Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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