Special Issue

Maxillofacial Prosthetic and Reconstructive Materials (Second Edition)

Message from the Guest Editor

Facial disfigurement is the most visible and disabling condition present in the orofacial complex. It diminishes self-image and self-esteem and produces psychological anguish that leads to depression, isolation, and a poor quality of life. Facial disfigurement arises from trauma, burns, and the surgical removal of tumors. Its treatment modalities include reconstructive surgery, the implantation of alloplastic or resorbable materials, and the construction of maxillofacial prostheses. Reconstructive surgical techniques have limitations due to their reliance on autogenous and allogeneic materials. They are in short supply, may not conform to the intricate geometry required to replicate missing tissue, and, if used as grafts, contribute to donor site morbidity. Consequently, the need for alternative treatment approaches has led to research on developing new biomaterials derived from both synthetic and biological origins.

Guest Editor

Prof. Dr. Mark W. Beatty

1. Department of Veterans Affairs, VA Medical Center, Omaha, NE, USA
2. Department of Adult Restorative Dentistry, University of Nebraska Medical Center, Lincoln, NE, USA

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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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Message from the Editorial Board

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.

Editors-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

Prof. Dr. Yuguang Ma
State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

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