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.

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Deadline for manuscript submissions

20 October 2025

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/223490

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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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