



an Open Access Journal by MDPI

Bone and Dental Implants

Guest Editor:

Dr. Zeev Ormianer

Department of Oral
Rehabilitation, School of Dental
Medicine, Tel Aviv University, Tel
Aviv 69978, Israel

Deadline for manuscript
submissions:

closed (20 October 2022)

Message from the Guest Editor

Bone to implant contact (BIC) is one of the most significant issues in osseointegration and the primary stability of dental implants. The histology of the bone around the implant was reported extensively. However, there is still lack of information on augmented bone biomechanics, histology and long term stability.

The properties of the implant surface in augmented bone and its effect on BIC and implant stability, as well as the contribution of the implants macro and micro structure to primary stability in augmented bone, are not fully understood.

It is my pleasure to invite you to submit a manuscript to this Special Issue of “Bone and Dental Implants”.

The topics of interest include, but are not limited to:

- Bone to implant contact and bone volume;
- Augmented bone biomechanics properties and the effect on primary stability;
- Implant surface characteristics;
- Implants insertion methods and their impact on bone and implant surfaces.



mdpi.com/si/76424

Special Issue



an Open Access Journal by MDPI

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank: JCR - Q1 (Metallurgy and Metallurgical Engineering) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/materials
materials@mdpi.com
[X@Materials_Mdpi](https://twitter.com/Materials_Mdpi)