



an Open Access Journal by MDPI

# Bone Tissue Engineering in Dentistry and the Maxillofacial Region

Guest Editor:

### Message from the Guest Editor

Prof. Dr. Yin Xiao

School of Medicine and Dentistry, Griffith University, Gold Coast, QLD 4222, Australia

Deadline for manuscript submissions: closed (31 March 2023) Dear Colleagues,

There is still an unmet clinical need to guide bone tissue regeneration in the treatment of periodontal diseases, dental implants, and maxillofacial reconstruction. Recent progress in bone tissue engineering and regenerative medicine has significantly improved biomaterial development and biofabrication techniques. the understanding of osteoimmunomodulation during tissue regeneration, and the application of nanotechnology and hydrogels for smart materials design. This Special Issue will provide a platform with which to share the advancements in the field of bone tissue engineering in dentistry and the maxillofacial region.

Prof. Dr. Yin Xiao *Guest Editor* 









an Open Access Journal by MDPI

## **Editors-in-Chief**

#### Prof. Dr. Peter E. Nielsen

Department of Cellular and Molecular Medicine, Faculty of Health and Medical Sciences, University of Copenhagen, Blegdamsvej 3C, DK-2200 Copenhagen, Denmark

#### Prof. Dr. Lukasz Kurgan

Department of Computer Science, Virginia Commonwealth University, Richmond, VA 23284, USA

### Message from the Editorial Board

*Biomolecules* is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

## **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, MEDLINE, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Biochemistry*)

### **Contact Us**

*Biomolecules* Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/biomolecules biomolecules@mdpi.com X@Biomol\_MDPI