

Special Issue

Molecular Research on Biomaterials for Bone Tissue Engineering and Periodontal Disease

Message from the Guest Editor

In the last few decades, dental tissue engineering has become one of the most studied fields in dentistry, showing promising results for bone tissue regeneration in experimental and clinical models. Even if a bone demonstrates self-remodeling properties, in some cases, due to anomalies, injuries or pathologies like peri-implantitis or periodontitis, bone regeneration may be required. This Special Issue will comprise a selection of research papers and reviews, focused on the molecular level, contributing to the evaluation of the aptitude of dental biomaterials used for tissue regeneration after soft and hard tissue resorption with an emphasis on those used in periodontics. Additionally, in vitro and in vivo studies on the molecular mechanisms involved in tissue regeneration are of interest, since they will provide an important contribution to the development of regeneration strategies and to the identification of key biological regulation processes that still remain uncovered in dentistry.

Prof. Bruna Sinjari

Guest Editor

Dr. Bruna Sinjari

Department of Innovative Technologies in Medicine and Dentistry, G. d'Annunzio University of Chieti-Pescara, 66100 Chieti, Italy

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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