

Special Issue

Bone Augmentation in Implant Dentistry

Message from the Guest Editor

Patient rehabilitation using dental implants is a treatment option that has been continuously growing for several decades. However, clinicians are frequently faced with difficult situations of bone atrophy that hinder implant insertion without bone augmentation procedures.

Bone augmentation comprises a wide variety of bone grafting procedures intended to rebuild bone architecture and ensure adequate bone volume to place implants. Currently, there are numerous biomaterials with different properties that can be applied in combination with different surgical techniques as guided bone regeneration, bone blocks, and ridge expansion, among others.

We are proposing a Special Issue of *Osteology* dedicated to bone augmentation in implant dentistry to disseminate the results of new investigations on both biomaterials and techniques with application in the oral cavity. Clinical, animal, biomechanical, and in vitro studies are welcome, as well as systematic reviews on very specific aspects – comparison of biomaterials or techniques for specific bone defects, etc.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

The field of osteology is rapidly evolving. Recent discoveries have transformed our understanding of bone metabolism, healing mechanisms, and the management of skeletal disorders. A deeper insight into the biological and clinical processes underlying bone repair and regeneration offers new opportunities to enhance patient care and therapeutic strategies.

Osteology was established with this vision in mind. *Osteology* is an international, peer-reviewed, open access journal dedicated to basic and clinical research in bone science, published quarterly online by MDPI. Supported by a dynamic scientific community, the journal is committed to excellence through a rigorous and transparent peer-review process.

We invite researchers worldwide to submit high-quality clinical and experimental studies to advance innovation and knowledge in osteology.

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