

## Special Issue

# Functional Composites for Bone Implants and Osseointegration

### Message from the Guest Editor

The evolution and technical support for reconstructive surgery of the maxillo-mandibular complex are at a high level. Rehabilitation under the functional and aesthetic criteria are common in our practice, demonstrating adaptability in complex scenarios. New technology of biomaterials and the recent tools for diagnosis and planning are demanded by patients, making it necessary to perform an update of these concepts. The aim of this Special Issue is to collate high-quality evidence related to bone reconstruction in the facial skeleton and osseointegration at different levels, and understand the most appropriate relevant clinical practice. In this Special Issue, scientists and physicians are invited to share the knowledge about biomaterials and osseointegration, through basic method and clinical research, to update on the new material in the international network supported by the journal.

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### Guest Editor

Dr. Sergio Olate

Division of Oral, Facial and Maxillofacial Surgery & Center for Research in Surgery and Morphology, Universidad de La Frontera, Temuco, Chile

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### Deadline for manuscript submissions

closed (31 March 2025)



## Journal of Functional Biomaterials

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## About the Journal

### Message from the Editor-in-Chief

The biomaterials field is one of the largest and fastest growing research areas both in the scientific community and in the industrial one. Biomaterials are the result of collaborations between different disciplines: chemistry, medicine, pharmacology, engineering and biology. The objective of this collaboration is to lead to the implementation of new devices to restore form and human body functions. The mission of the *Journal of Functional Biomaterials (JFB)* is to focus attention on physico-chemical characteristics and their importance in the interactions between biomaterials and living tissues. *JFB* seeks to publish studies on the preparation, performance and use of biomaterials in biomedical devices, as well as regarding their behavior in physiological environments. We are pleased to welcome you as our authors.

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### Editor-in-Chief

Prof. Dr. Pankaj Vadgama

School of Engineering and Materials Science, Queen Mary University of London, London, UK

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