

Special Issue

New Technologies and Custom-Made Implants in Reconstructive Cranio-Maxillofacial Surgery

Message from the Guest Editors

The use of new technology in the field of cranio-maxillofacial surgery is increasingly appreciated today. The introduction of custom-made implants have significantly changed surgical outcomes, especially in the field of post-oncological and post-traumatological reconstructive surgery and craniofacial deformities. Custom-made implants are frequently designed and printed to reconstruct resected portions of the jaw or in the reconstruction of portions of the cranial case, while in the post-traumatic field, extremely precise plates allow us to restore correct orbito-facial volumes. The purpose of applying these technologies is aimed at restoring the aesthetic part of the face, but more importantly, the numerous functions that can be compromised due to oncological or traumatological pathology. The purpose of this Special Issue is to describe and deepen the understanding of the various types of customized surgery and the different possible applications in the field of cranio-maxillofacial surgery of this new technologies, and underline all the results obtained with respect to traditional surgical solutions used previously.

Guest Editors

Dr. Giuseppe Consorti

Dr. Lisa Catarzi

Dr. Gabriele Monarchi

Deadline for manuscript submissions

closed (19 January 2024)



Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/182718

Life
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
life@mdpi.com

[mdpi.com/journal/
life](https://mdpi.com/journal/life)





Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



[mdpi.com/journal/
life](https://mdpi.com/journal/life)



About the Journal

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona
Institute of Science and Technology, 08028 Barcelona, Spain

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, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)