



## 3D Medical Imaging Diagnosis for Oral and Maxillofacial Applications, Volume II

Guest Editors:

### Dr. Pang-Yun Chou

Department of Plastic and Reconstructive Surgery, Chang Gung Memorial Hospital, Chang Gung University and Medical College, Taoyuan 333, Taiwan

### Dr. Hsiu-Hsia Lin

Craniofacial Research Center, Chang Gung Memorial Hospital, Chang Gung University, Taoyuan 33302, Taiwan

Deadline for manuscript submissions:

**closed (20 February 2023)**

### Message from the Guest Editors

We are pleased to announce a new Special Issue that is open to receiving potential manuscripts in the journal *Applied Sciences*, with the theme “3D Medical Imaging Diagnosis for Oral and Maxillofacial Applications, Volume II”.

The application of 3D medical imaging has become a popular and advanced technique, and is currently used to assist in diagnosing oral diseases and in maxillofacial surgery, such as in the field of head and neck reconstruction, congenital craniofacial anomaly, traumatic deformity, orthognathic surgery, and so on. By using 3D technology in imaging with virtual surgical planning, one can reduce operation time, avoid post-operative complications, improve surgical accuracy and outcome, and achieve patient satisfaction. Furthermore, 3D printing and model fabrication can be applied to patient consultations or the production of patient-specific implants.

The goal of this Special Issue is to advance the knowledge regarding precision medicine with the application of 3D imaging in oral and maxillofacial surgery. We look forward to receiving your studies reporting the invaluable experiences of 3D technology applications for this Special Issue.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**  
Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
da Vinci 32, 20133 Milano, Italy

## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

## 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), Ei Compendex, Inspec, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

## Contact Us

---

*Applied Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](https://twitter.com/Applsci)