

## Special Issue

# Advances in Orthodontics and Dentofacial Orthopedics

### Message from the Guest Editor

In recent years, digital technologies, advanced biomaterials, and interdisciplinary approaches have revolutionized diagnosis, treatment planning, and therapeutic outcomes in managing various dentofacial anomalies. Staying at the forefront of these developments is crucial for both researchers and clinicians to optimize patient care and contribute to the advancement of this field. Original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

Digital technologies in orthodontic diagnosis and treatment planning;

Clear aligner systems and their biomechanical considerations;

Temporary anchorage devices and skeletal anchorage systems;

3D imaging and analysis in orthodontics;

Artificial intelligence applications in orthodontic practice;

Growth modification techniques and dentofacial orthopedics;

The management of complex dentofacial deformities;

Interdisciplinary approaches in orthodontic treatment;

Biomarkers and personalized orthodontic treatments.

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### Guest Editor

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### Deadline for manuscript submissions

closed (20 May 2026)



## Applied Sciences

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## About the Journal

### 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.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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