

Special Issue

Periodontal Therapy: Latest Advances and Prospects

Message from the Guest Editors

In recent years, periodontology has undergone significant transformation driven by advances in biomedical science, digital innovation, and a deeper understanding of the oral-systemic connection. The integration of smart technologies, biomaterials, host-modulation therapies, and microbiome-targeted strategies is shaping a new era of precision periodontal care. From diagnosis to treatment, novel approaches in periodontology are rapidly emerging. We welcome original research articles, literature reviews, and case studies addressing the following topics:

- Digital tools and diagnostics in periodontology;
- Oral microbiome;
- Host-modulatory and anti-inflammatory therapies;
- Periodontal and peri-implant disease;
- Periodontal and peri-implant therapy;
- Periodontal regeneration and biomaterials;
- Translational and personalized periodontal medicine.

We encourage contributions that highlight interdisciplinary collaboration and emphasize the clinical impact of emerging technologies and research. By sharing knowledge and innovations, we can collectively advance the science and practice of periodontology.

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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.

Editor-in-Chief

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