

## Special Issue

# Advances in Digital Technologies for Preventive and Personalized Oral Healthcare

### Message from the Guest Editor

This Special Issue aims to gather high-quality research and reviews focusing on the development, clinical application, and impact of new technologies for personalized oral cavity hygiene. Topics of interest include, but are not limited to, the following: AI-driven risk assessment tools, microbiome-based diagnostics, remote monitoring systems, advanced remineralization agents, and novel educational platforms for patient engagement. Contributions addressing the ethical, economic, and implementation challenges of these technologies are also welcome.

By bringing together cutting-edge studies from researchers, clinicians, and hygienists, this Special Issue will provide a comprehensive overview of current trends and future directions, fostering an interdisciplinary dialogue that will shape the next generation of preventive dentistry.

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### Guest Editor

Prof. Dr. Gianna Maria Nardi

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### Deadline for manuscript submissions

20 April 2026



## Hygiene

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## About the Journal

### Message from the Editor-in-Chief

The global burden of healthcare-associated infections remains an issue. The increase in the incidence of antibiotic resistance may result in the development of novel concepts to control the transmission of multi-resistant pathogens in various fields. Antiseptic tolerance towards some biocidal agents used for disinfection is being found more and more in selected bacterial species. It is therefore important to carefully balance the expected health benefits of specific hygiene measures against the likely risks and consequences associated with their implementation. I very much hope that this journal can contribute substantial knowledge on the various different aspects of hygiene. The Editorial Board Members and myself cordially invite you to share your latest findings by submitting original research and review articles as well as proposals for Special Issues.

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### Editor-in-Chief

Prof. Dr. Fernando Pérez-Rodríguez  
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