

Special Issue

Artificial Intelligence in Oral Medicine: Advancements and Challenges

Message from the Guest Editor

Artificial intelligence (AI), particularly machine learning and deep learning, is rapidly transforming oral medicine. These technologies offer immense potential for improving diagnostic accuracy and efficiency in clinical image analysis and documentation. However, significant challenges remain. This Special Issue seeks to explore both the advancements and challenges of AI in oral medicine. We invite submissions that address topics including, but not limited to, the following:

- Developing robust and generalizable AI models for diverse dental clinical settings;
- Overcoming legal, ethical, and financial hurdles to AI implementation;
- Integrating AI into existing dental workflows and practices;
- Evaluating the impact of AI on patient outcomes and experiences;
- Addressing bias and fairness in AI algorithms for oral healthcare;
- Exploring the future of AI in oral medicine education.

We encourage submissions from researchers, clinicians, educators, and other stakeholders engaged in the development and application of AI in oral medicine.

Guest Editor

Dr. Xiaoyuan Han

Department of Biomedical Sciences, Arthur A. Dugoni School of Dentistry, University of the Pacific, San Francisco, CA 94103, USA

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Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Giuseppina Campisi

Department of Rehabilitation, Fragility and Continuity of Care, Unit of Oral Medicine, University Hospital Palermo, 90127 Palermo, Italy

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