



an Open Access Journal by MDPI

Artificial Intelligence in the Diagnostics of Dental Disease

Guest Editor:

Message from the Guest Editor

Dr. Hakan Turkkahraman

Department of Orthodontics and Oral Facial Genetics, Indiana University School of Dentistry, Indiana University Purdue University at Indianapolis, Indianapolis, IN 46202, USA

Deadline for manuscript submissions: closed (31 July 2024) Dear Colleagues,

I am honored to invite you to submit your valuable studies to a Special Issue of Diagnostics on "Artificial Intelligence in the Diagnosis of Dental Diseases".

AI has the potential to significantly improve the accuracy and speed of dental disease diagnosis, leading to earlier interventions and better outcomes for patients. Among many applications, AI can analyse images from dental scans, X-rays, and other imaging techniques to identify signs of dental diseases, such as cavities, fractures, or periodontal diseases. Moreover, AI can recognize patterns of dental diseases in large datasets, identifying commonalities between patients with similar dental conditions. AI can also analyse a patient's dental health history and use these data to predict their likelihood of developing certain dental conditions in the future. AI can provide decision support to dental professionals, offering recommendations for treatment plans based on patient data and best practices. I would like to take this opportunity to invite you to contribute to the growing field of AI in the diagnosis of dental diseases.









an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Andreas Kjaer

Department of Clinical Physiology, Nuclear Medicine & PET National University Hospital, Rigshospitalet, University of Copenhagen, Blegdamsvej 9, DK-2100 Copenhagen, Denmark

Message from the Editor-in-Chief

You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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), PubMed, PMC, Embase, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Medicine, General and Internal) / CiteScore - Q2 (Internal Medicine)

Contact Us

Diagnostics Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/diagnostics diagnostics@mdpi.com X@diagnostic_mdpi