

Special Issue

Screening, Diagnosis and Treatment of Oral Diseases

Message from the Guest Editors

Diagnostic and therapeutic evolutions have always had a major impact on global society. The late 20th century marked the evolution of molecular biology, enabling the genetic profiling of pathological entities. The incorporation of artificial intelligence (AI) in screening and diagnostics is one of the most recent developments in medicine. The same is true for oral disease screening and diagnosis, where AI-integrated digital technologies like image-based analysis have grown in popularity. Deep convoluted neural networks are fed with a comprehensive set of clinical, radiographic, and histopathological images and have been shown to have accuracy rivaling that of a senior diagnostician. The present Special Issue intends to focus on such novel innovations in the screening, diagnosis, and treatment of oral diseases. In addition to articles focusing on assessing the efficacy of such novel tools, this Special Issue also welcomes articles exploring their potential drawbacks, including ethical and technical challenges involved in the integration of such innovations in routine clinical practice.

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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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