

## Special Issue

# Molecular Links Between Oral Disease and Diabetes

### Message from the Guest Editor

Oral infections of endodontic origin occur frequently and often lead to chronic inflammation, with impacts on general health, such as diabetes mellitus. Endodontics is a dynamic specialty in the field of dentistry that focuses on the prevention, diagnosis, and treatment of periapical infections, which are the cause of deregulated and uncontrolled systemic diseases, such as diabetes, worldwide. Diabetes is a systemic disease that increases inflammatory events in periodontal tissues, impairs new bone formation, and increases the expression of RANKL in response to bacterial challenges. The relationship between apical periodontitis and diabetes mellitus is complex and multifactorial and more research is needed to fully understand this connection. This Special Issue aims to provide a comprehensive and updated molecular overview of the current challenges and opportunities in dentistry, covering topics such as periapical bone disease, diabetes mellitus and the prevention of systemic uncontrolled diabetes, and treatment approaches for bone infections of the jaw in these patients.

### Guest Editor

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## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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