



## Molecular Links between Oral Disease and Diabetes

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Deadline for manuscript  
submissions:

**15 September 2024**

### Message from the Guest Editor

Dear Colleagues,

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.





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## Message from the Editor-in-Chief

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