

## Special Issue

# Natural Products and Drug Delivery Systems in Dental Diseases

### Message from the Guest Editor

Periodontitis, a chronic inflammatory disease causing periodontal tissue destruction, is linked to systemic conditions like diabetes and cardiovascular disease. Conventional therapies often fail to fully resolve inflammation or regenerate tissues. Natural compounds, biologics, and small molecules, particularly plant-derived agents targeting signaling pathways, offer promise as anti-inflammatory, antimicrobial, antioxidant, regenerative adjuncts. Advanced drug-delivery systems enable targeted, sustained release into periodontal pockets, improving efficacy while reducing side effects. This Special Issue seeks original research, reviews, and translational studies on integrating these therapies and delivery technologies for periodontitis management. Contributions should explore novel strategies, mechanisms, signaling pathways, and clinical applications to advance personalized periodontal care.

### Guest Editor

Dr. Rafael Scaf De Molon

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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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