

Special Issue

Advances in Basic and Clinical Periodontal Research

Message from the Guest Editor

Periodontal disease can be described as one of the most prevalent diseases of human beings worldwide. Periodontitis is a dysbiotic inflammatory disease with a negative influence on systemic health. Based on the improved knowledge of the mechanisms involved in tissue regeneration, various regenerative therapies have been developed and clinically introduced. Especially, signaling molecules and advanced biomaterials are key players in novel treatment approaches. Although periodontal regeneration has become clinical reality, much needs to be done to prevent periodontitis and to develop more efficient and predictable treatment modalities. The aim of this Special Issue is to publish original research articles in basic and clinical periodontology. Special focus is placed on, but not limited to, biological substances/materials and their functions, structures, and interactions with host and/or other molecules. This Special Issue also welcomes submissions of articles on soft and hard tissue regeneration. Review articles highlighting the current challenges and future directions for the prevention and treatment of periodontal disease will be considered for inclusion in this Special Issue.

Guest Editor

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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