



Diagnosis and Treatment of Periodontal Diseases

Guest Editors:

Prof. Dr. Silvia Martu

Periodontology Department,
Faculty of Dentistry, “Grigore T.
Popa” University of Medicine and
Pharmacy of Iasi, 700115 Iasi,
Romania

Dr. Maria Alexandra Mârțu

Faculty of Dentistry, “Grigore T.
Popa” University of Medicine and
Pharmacy, 700115 Iasi, Romania

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Message from the Guest Editors

Dear Colleagues,

Periodontal disease is one of the most prevalent affections worldwide.

Periodontal inflammation has, most frequently, a chronic character and is caused by immune responses against various types of gram-negative anaerobic bacteria, such as *P. gingivalis*, *T. forsythia*, *T. denticola* and *A. actinomycetemcomitans*.

Diagnosis of periodontal disease is a complex one, and it involves, in addition to many advanced technologies and techniques, the accurate evaluation of the general status of the patient.

Treatment of different types of periodontal disease has become a challenge for the clinician, as protocols are improved continuously. The therapeutic protocols are very diverse and include many avant-garde and minimally invasive solutions. This is why expert opinions are needed to optimize the use of advanced technologies in the clinical setting.

This Special Issue welcomes both original and review articles regarding advances in methods of periodontal diagnosis and also new approaches in therapeutic management.





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Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
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