



The Role of Oxidative Stress and Antioxidant Systems in Oral Health

Guest Editors:

Message from the Guest Editors

Prof. Dr. Masaichi-Chang-il Lee

Department of Disaster Related Oral Health, Oxidative Stress/ESR Laboratories, Kanagawa Dental University, 82 Inaoka-cho, Yokosuka, Kanagawa 238-8580, Japan

Dr. Tomoko Komatsu

Department of Dentistry for the Special Patient, Kanagawa Dental University, 82 Inaoka-cho, Yokosuka, Kanagawa 238-8580, Japan

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In this Special Issue, we would like to report on the involvement of oxidative stress and antioxidant systems in major oral diseases, such as periodontal disease, xerostomia, stomatitis, and oral cancer, and to include the latest research reports on the involvement of reactive oxygen species in the osseointegration of titanium used in oral implant therapy and the safety of radical polymerization in dental adhesives. Furthermore, in the "100-year life age," we hope to publish research that demonstrates the importance of oral function based on the interaction between higher brain function and oral antioxidant effects. The research on oral oxidative stress and antioxidant assessments related to oral frailty and frailness, as well as the development of oral health care products through industry-academia collaborations, should also be included.

We would like to make this a Special Issue that communicates the clear message of bringing about groundbreaking dental innovations through basic and applied research on oxidative stress and antioxidant systems in dentistry and ROS, and we look forward to your contributions.





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Editor-in-Chief

Prof. Dr. Alessandra Napolitano

Department of Chemical
Sciences, University of Naples
"Federico II", Via Cintia 4, I-80126
Naples, Italy

Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of "oxidative stress" a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

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Antioxidants Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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