



DNA Damage, Oxidative Stress and Human Disease

Guest Editors:

Dr. Ana Rita Carlos

Faculdade de Ciências,
Universidade de Lisboa, Lisbon,
Portugal

Prof. Dr. Fernando Antunes

Centro de Química Estrutural,
Faculdade de Ciências da
Universidade de Lisboa, 1749-016
Lisboa, Portugal

Dr. Isabel M. Pires

Faculty of Health Sciences,
University of Hull, Hul HU16 7RX,
UK

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Message from the Guest Editors

Dear Colleagues,

DNA damage and oxidative stress responses are mechanisms to cope with a variety of exogenous and endogenous challenges in order to maintain homeostasis. Several human diseases have been associated with excessive DNA damage and/or oxidative stress, or failure in the respective response mechanisms. These diseases include cancer, metabolic syndrome, neurodegenerative diseases, myopathies and several other pathologies including diseases characterized by genetic defects of DNA repair mechanisms.

For this Special Issue, we invite authors as well as the participants of The COST Action CA20121 to submit novel work or reviews establishing the importance of DNA damage and/or oxidative stress in the pathology of human diseases. This Special Issue aims at shedding new light onto the disease mechanisms that lead to increased DNA damage and oxidative stress, and conversely onto how DNA damage and oxidative stress lead to an increase in disease pathology. Moreover, it aims at highlighting the cross-talk between DNA damage and oxidative stress responses in the context of human diseases.





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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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*International Journal of Molecular
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MDPI, St. Alban-Anlage 66
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