



## Oxidative Stress and Skin Disease: Genetics, Etiopathogenesis, Possible Therapeutic Approaches of Antioxidant Therapies

Guest Editor:

**Dr. Fabrizio Guarneri**

Department of Clinical and  
Experimental Medicine–  
Dermatology, University of  
Messina, Messina, Italy

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### Message from the Guest Editor

The biologic role of the oxidant/antioxidant balance in the general homeostasis of living organisms and the importance of its alterations as a main or concurrent cause of systemic and/or organ-specific diseases are “hot topics” in medicine. This is also true for dermatology, where research on oxidative stress started later than in other disciplines but rapidly grew to comparable or even higher levels. Psoriasis, vitiligo, atopic dermatitis, contact dermatitis, skin cancers are only the most widely known among the many cutaneous diseases where oxidative stress represents a pathogenetic factor and a possible explanation of some comorbidities. This Special Issue of Antioxidants aims to collect new evidence on all aspects of the role of oxidative stress in skin diseases, from genetic predisposition due to specific allele configurations of components of the antioxidant system, to alterations of the oxidative/antioxidative balance caused by endogenous and/or exogenous factors, to possible therapeutic perspectives based on antioxidants and, more in general, on the restoration of the said balance.





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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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