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Free Radicals in Biology and Medicine

Guest Editors:

Dr. Ankush Prasad

Department of Biophysics,
Faculty of Science, Palacký
University, 77900 Olomouc,
Czech Republic

Dr. Deepak Kumar Yadav

Department of Chemistry,
University of California, Davis, CA,
USA

Dr. Pavel Pospíšil

Department of Biophysics,
Faculty of Science, Palacký
University, Olomouc, Czech
Republic

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Message from the Guest Editors

Free radicals are highly reactive molecules that can damage cells and contribute to various diseases. They are produced as a byproduct of normal cellular processes, as well as from external sources such as but not limited to pollution and radiation. Antioxidants are molecules that can neutralize free radicals and protect cells from damage. They can be found in foods such as fruits and vegetables, as well as produced by the body. A balance between free radical and antioxidant levels is important for maintaining good health, and an imbalance can lead to cellular damage and disease. The special issue of "Free Radicals in Biology and Medicine" focuses on the latest advances in the field of free radicals and their impact on biology and medicine. We welcome contributions in the form of original research and review articles that cover all aspects related to free radicals in biology and medicine. These include reactive oxygen, nitrogen, and sulfur species, as well as the analysis methodologies used to understand their production, cellular targets, and mechanisms of action. Also, we welcome contributions on the role of antioxidant defenses, both enzymatic and non-enzymatic.



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Editors-in-Chief

Prof. Dr. Jukka Finne

Research Programme in
Molecular and Integrative
Biosciences, Faculty of Biological
and Environmental Sciences,
University of Helsinki, P.O. Box
56, FI-00014 Helsinki, Finland

Prof. Dr. Andrés Moya

Integrative Systems Biology
Institute, University of Valencia
and CSIC, 46980 Valencia, Spain

Message from the Editorial Board

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Biology Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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