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The Role of Phospholipases A2 in Lipid Signaling and Cellular Redox Homeostasis

Guest Editor:

Dr. Martin Jabůrek

Department of Mitochondrial
Physiology, Institute of
Physiology of the Czech Academy
of Sciences, Vídeňská 1084, 14220
Prague, Czech Republic

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Message from the Guest Editor

This research topic will focus on the particular roles of PLA₂ enzymes in the mechanism and physiological consequences of actions of electrophilic lipids, the regulation of specific PLA₂ enzymes by the redox status of the cell, and other roles of the products of PLA₂ enzymatic activities that alter the redox status of the cell. Progression in the knowledge of PLA₂ enzymes will help us understand and predict the still unexplored cytoprotective and regulatory roles of PLA₂ enzymes in the context of cellular physiology and pathology.



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**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, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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