Special Issue

NADPH Oxidases: Physiology and Therapeutic Potential

Message from the Guest Editors

NADPH oxidases (NOXs) belong to a family of evolutionarily conserved enzymes, whose only known function is ROS production. Members of the NOX family are expressed in several cells and tissues, and growing evidence shows that NOX-dependent production of ROS is implicated in biosignaling and cell functions. NOX-mediated redox imbalance and NOX-impaired expression are involved in many physiological and pathological processes, such as cardiovascular, pulmonary, renal and neuronal diseases, as well as cancer. Therefore, NOXs represent a promising target for the development of more effective therapeutic strategies As guest editors, we invite you to contribute to this Special Issue, entitled “NADPH Oxidases: Physiology and Therapeutic Potential”, with original research articles, clinical reports and review articles that highlight the function of the various members of the NOX family in pathophysiology and their potential role as pharmacological targets.

Guest Editors

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Deadline for manuscript submissions

closed (30 May 2024)

Antioxidants

an Open Access Journal by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed

mdpi.com/si/139937

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About the Journal

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.

Editor-in-Chief

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