Special Issue

Reactive Oxygen Species (ROS)

Message from the Guest Editors

Reactive oxygen species (ROS) are unstable molecules that have oxygen in their constitution and tend to easily react with molecules in their vicinity. As soon as antioxidants were discovered, the perception of ROS, as well as RNS (reactive nitrogen species) and RSS (reactive sulfur species), by the scientific community has been negative. This, however, has changed in recent years, with the discovery of the physiological activities of ROS, as well as signaling pathways, in the immune system acting against infections as flow modulators of the blood and mitogenic response, among many others. Thus, this Special Issue intends to focus on any aspect related to ROS and their positive and/or negative effect on the human body.

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Deadline for manuscript submissions

closed (15 July 2022)

Oxygen

an Open Access Journal by MDPI

CiteScore 8.4
Tracked for Impact Factor

mdpi.com/si/88093

Oxygen
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