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Reactive Oxygen Species (ROS) and Reproduction Health

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Deadline for manuscript submissions:
closed (30 April 2023)

Message from the Guest Editors

There is a growing amount of literature on the effects of reactive oxygen species on reproduction. Stressors, by inducing physiological and reproductive disorders, determine failures in various cellular processes, such as development, differentiation, growth, regeneration, and regression, threatening the survival of living species.

This Special Issue welcomes research focused on how global warming, plastics, biofoulants, metals, disinfectants, sanitizers, etc., during the COVID-19 pandemic induce oxidative stress effects by reactive oxygen species on animal and vegetal reproduction. Therefore, we kindly encourage all research groups covering relevant areas within the reproduction to contribute up-to-date, high-quality mini-reviews highlighting the latest developments in their research field. Potential contributors/invited authors are kindly requested to submit a tentative title and a short abstract to our Editorial Office (antioxidants@mdpi.com) for pre-evaluation. Papers will be published with full open access after peer review.

We look forward to your valuable contribution.

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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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