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Oxidative Stress Induced by Environmental and Lifestyle Stressors: Impact on Reproductive Health and Development

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Deadline for manuscript submissions:

closed (30 November 2021)

Message from the Guest Editors

This SI focuses on the latest research related but not restricted to:

- Reproductive and developmental toxicity of metals/metalloids, pesticides, mycotoxins, phthalates, bisphenol A, parabens and flame retardants
- Biomonitoring and risk assessment
- Contribution of smoking, alcohol, drug of abuse, nutrition and obesity to oxidative stress and adverse health effects
- Adverse effects of circadian rhythm disruption on reproductive health and development
- Ameliorative/beneficial effects of antioxidants
- Parameters of oxidative stress/antioxidant defence as potential novel biomarkers of reproductive and developmental health disorders
- Proteomic and metabolomic signature of oxidative stress
- Role of oxidative stress in epigenetic modification of reproductive health and development

Of particular interest are studies on low-level exposure and effects of multiple toxicants/stressors and their interactions. Both observational and experimental studies are welcome. We invite authors to submit their original articles, reviews, and short communications on this important topic.



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Special Issue



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Editor-in-Chief

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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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