Special Issue

Antioxidant Supplementation on Fertility

Message from the Guest Editors

Couples' subfertility may be attributable to male factors, female factors, or a combination of both. However, no etiological factors have been detected in the infertile couples subpopulation. These couples are characterized as having idiopathic infertility. It is has been proposed that oxidative stress (OS) is involved in the pathophysiology of subfertility. This Special Issue is open to all investigations exploring antioxidant supplementation for fertility and providing preliminary findings with potential for clinical translation. Topics of interest include, but are not limited to:Effect of antioxidant supplementation on male fertility;
Effect of antioxidants on sperm genetic damage and sperm energetic metabolism;
Effect of antioxidant supplementation on female fertility;
Oxidative stress in pregnancy and fertility pathologies;
Effect of antioxidant supplementation on conventional and advanced sperm function tests;
The role of infection and inflammation-mediated OS in fertility;
Investigation of antioxidant enzymes and male fertility through knockout animal models;
Diet and its impact on fertility.
We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (20 February 2024)

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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.

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