

## Special Issue

# Oxidative Stress in Fertility and Infertility

### Message from the Guest Editor

Oxidative stress is a critical regulator of reproductive physiology, affecting gametogenesis, fertilisation, embryo development, implantation, and pregnancy outcomes. The disruption of redox balance has been linked to infertility, recurrent pregnancy loss, foetal growth restriction, and pre-eclampsia. This Special Issue will present cutting-edge basic, translational, and clinical research exploring oxidative stress in reproduction and development, novel antioxidant interventions, and implications for reproductive health. We welcome contributions from molecular biology, clinical medicine, and interdisciplinary fields.

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### Guest Editor

Prof. Dr. Ying Cheong

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### Deadline for manuscript submissions

30 September 2026



## Antioxidants

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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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### Editor-in-Chief

Prof. Dr. Alessandra Napolitano  
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