

## Special Issue

# Impact of Endogenous and Exogenous Oxidative Stress Triggers on Pregnant Woman, Fetus, and Child, 2nd Edition

### Message from the Guest Editor

Homeostasis of the maternal environment is maintained through a variety of mediators, including hormones, cytokines, oxidative status, and diet. Factors that interfere with this homeostasis can be endogenous or exogenous and are inflammation, oxidative stress, exposure to chemical agents, and lack or excess of food, which can jeopardize the growth and development of the fetus. During pregnancy, there is an increase in oxidative stress, a phenomenon caused by the usual systemic inflammatory response, resulting in a large amount of reactive oxygen species in the circulation. This Special Issue is dedicated to all aspects of oxidative stress. We must take into account all extensions of oxidative stress, which also include the period before fertilization itself, and the entire duration of pregnancy and childbirth. However, we know that oxidative stress during pregnancy can lead to the development of certain disorders even in the later development of the child. When considering your submission, please keep in mind that *IJMS* is a journal of molecular science.

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### Guest Editor

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### Deadline for manuscript submissions

closed (20 June 2025)



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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