

Special Issue

Inflammation in Pregnancy and Childbirth

Message from the Guest Editors

Ovulation, menstruation, embryo implantation and childbirth are reactions that constitute short-term inflammatory events. The participation of arachidonic acid mediators in these states is unquestionable. The process of mediator biosynthesis occurs in two stages: in the first stage, the donor cell releases an intermediate eicosanoid; in the second stage, the acceptor cell receives and transforms the intermediate product into a final product enabling remodeling. Relief of inflammation is therefore crucial for the tissue to return to homeostasis and has become a new scope of research on the inflammatory process involving cytokines and Prolonged inflammation poses a significant risk of developing diseases based on chronic inflammation. There are many environmental factors that stimulate and enhance inflammatory processes (incorrect diet, low physical activity, obesity, emotional stress, intestinal dysbiosis).

The influence of inflammation-related parameters on the normal course of pregnancy, fetal development and delivery is the aim of this special issue.

Guest Editors

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Deadline for manuscript submissions

30 August 2025



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/236378

*International Journal of
Molecular Sciences*
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