

Special Issue

Pathogenesis of Pregnancy-Related Complications

Message from the Guest Editor

Preeclampsia, HELLP syndrome, fetal growth restriction, gestational diabetes mellitus, preterm birth and invasive placenta are major complications responsible for maternal and perinatal morbidity and mortality.

Elucidation of the molecular mechanisms related to the initiation and onset of severe pregnancy-related complications enables the identification of potential biomarkers for early stratification of at-risk patients.

Additionally, pregnancy-related complications induce long-term metabolic and vascular abnormalities that might increase the overall risk of metabolic, cardiovascular, cerebrovascular, kidney, and other diseases later in life in mothers and their offspring. This Special Issue aims to provide an overview of the latest research on the molecular and cellular mechanisms associated with pregnancy-related complications, as well as the contribution of pregnancy-related complications to the later development of various diseases. This will include underlying mechanisms, diagnostics/prognostics and treatment strategies associated with pregnancy-related complications, and will be of interest to scientists and clinicians working in this fastly expanding area.

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) 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, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *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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