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# Molecular Mechanisms of Placental Diseases and Related Pregnancy Complications

Guest Editor:

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Deadline for manuscript submissions:

closed (30 December 2023)

# **Message from the Guest Editor**

Dear Colleagues,

The human placenta is a temporary but highly complex organ of pregnancy. Defects in placental functions have been implicated in the pathophysiology of most pregnancy complications, including preeclampsia, HELLP syndrome, placental abruption, preterm birth, and intrauterine growth restriction, which have enormous impacts on the lifelong health of mothers and the babies born to the mothers with these conditions. However, the molecular underpinnings of such placental defects are poorly understood.

This Special Issue aims to publish high-quality manuscripts with particular emphasis on the molecular understanding of the pathophysiology of pregnancy complications associated with placental diseases. We welcome reviews, new methods, short communications, and original articles covering all aspects of uterine and placental development and remodeling, maternal vascular adaptations and dvsfunctions (both during pregnancy and in the period), fetal and neonatal postpartum associated with vascular complications of pregnancy, and studies and experimental models addressing pregnancyrelated vascular complications.













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# Message from the Editor-in-Chief

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