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Nutritional and Metabolic Factors in Pregnancy Complications

Guest Editor:

Message from the Guest Editor

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Deadline for manuscript
submissions:

closed (20 December 2023)

Perinatal nutrition and metabolism are critical for maternal health, pregnancy outcomes, fetal and infant growth and the prevention of chronic diseases later in life. Food insecurity and shortages worldwide result in inadequate nutritional intake among pregnant women and children. Obesity and excess energy are also major health problems for women at childbearing age, and are major risk factors for obstetric complications, which lead to hypertension in pregnancy, gestational diabetes and birth defects such as neural tube defects and congenital heart disease. Animal and epidemiological studies show that maternal obesity increases the risk of obesity, cardiometabolic disease and type 2 diabetes in offspring.

We welcome the submission of papers on topics including but not limited to:

- Preterm birth pathogenesis and nutritional management;
- Energy metabolism and the risk of chronic disease in offspring;
- Nutrients and energy metabolism in preeclampsia;
- Nutritional management and prevention of gestational hypertension and gestational diabetes mellitus;
- Intrauterine development and birth defects.



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Special Issue



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