

Special Issue

Maternal Adaptation in Physiological and Pathological Pregnancy

Message from the Guest Editors

Current increasing evidence suggests that the placenta plays an important role in participating in the process of maternal adaptation in early stage. This is because preeclampsia and foetal growth restructure are collectively referred to as placental dysfunction or placental syndrome. Better understanding maternal adaptation between the physiological and pathological conditions in the first trimester pregnancy can pave the way for the development of strategies for early intervention and prevention if needed. **Purpose of the special issue:** To better understand the mechanisms underlying how maternal adaptation develops. **Focus:** This Special Issue will focus on (1) how the placenta contributes to maternal adaptation in physiological conditions, (2) how mothers respond to triggers from the placenta in physiological and pathological conditions. **Scope:** All topics, including but not limited to placentation, placental metabolism, placental development, placental pathology, the clinical aspect of maternal cardiovascular changes, and the assessment of biomarkers of placental disorders.

Guest Editors

Dr. Qi Chen

Department of Obstetrics and Gynecology, University of Auckland, Auckland 1010, New Zealand

Dr. Yunhui Tang

The Hospital of Obstetrics & Gynaecology, Fudan University, Shanghai 200011, China

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Research Programme in Molecular and Integrative Biosciences, Faculty of Biological and Environmental Sciences, University of Helsinki, P.O. Box 56, FI-00014 Helsinki, Finland

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