

Special Issue

Molecular Insights into Placental Pathology

Message from the Guest Editors

The Special Issue of the *International Journal of Molecular Sciences*, titled “Molecular Insights into Placental Pathology”, which aims to collect papers that investigate molecular mechanisms underlying the development of disorders of the placenta. Studies delineating candidate diagnostic indicators, experimental in vitro and in vivo studies, animal models, nonanimal model systems, and clinical studies are welcome. Topics of interest include but are not limited to the following:

- The role of trophoblast cells and molecular pathways in implantation and placentation.
- Multi-omic approaches to understanding the molecular basis of placental dysfunction, including pre-eclampsia and other obstetric complications.
- Novel diagnostic tools and biomarkers for the early detection of placental disorders, with a focus on placental health and the maternal–fetal interface.

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About the Journal

Message from the Editor-in-Chief

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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