

Special Issue

Preimplantation Genetic Testing in Assisted Reproductive Technologies

Message from the Guest Editor

A key development in Assisted reproductive technology (ART) has been the introduction of preimplantation genetic testing (PGT), which has become a critical tool in the embryo selection process. PGT allows clinicians to screen embryos for genetic abnormalities before implantation, ensuring the selection of embryos that are either genetically normal or carry a lower risk of inheriting specific genetic disorders. This has greatly enhanced the likelihood of a successful pregnancy and live birth, while also helping to prevent the transmission of inheritable genetic conditions.

This Special Issue focuses on the various aspects of molecular screening during the preimplantation stage, aiming to enhance live birth rates and reduce the risk of unexpected miscarriages.

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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