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Current Advances and Future Perspectives on Preimplantation Genetic Testing

Guest Editor:

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Deadline for manuscript submissions:

25 December 2024

Message from the Guest Editor

Dear Colleagues,

Ever since the first report on children born after PGT by A. Handyside and colleagues in 1990, the field of PGT, at the crossroads of embryo genetics and assisted reproduction, has been characterized by rapid technological advances. Therefore, a timely update on the status and future perspectives is appropriate. In this Special Issue entitled 'Current Advances and Future Perspectives on Preimplantation Genetic Testing', we invite short communications, original research papers, and state-of-the-art reviews that contribute to the field of human embryo genetics and preimplantation genetic testing. Papers on any aspect of PGT clinical practice—PGT-M, PGT-SR, or PGT-A—are welcome, from patient referral to baby follow-up. Research areas may include but are not limited to:

- Preconception carrier screening;
- Embryo biopsy and cryopreservation;
- Single/few cell whole genome testing technologies;
- Non-invasive PGT;
- Chromosomal mosaicism;
- PGT-P;
- Gene editing in embryos.

We are looking forward to your submissions.



mdpi.com/si/202766

Special Issue



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Editor-in-Chief

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Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised.

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