



Current Trends and Future Challenges in Assisted Reproduction

Guest Editor:

Dr. Stefano Canosa

IVIRMA Global Research Alliance,
Livet, 10126 Turin, Italy

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Message from the Guest Editor

Infertility affects around 10–15% of couples worldwide, with a constantly growing trend in Western countries. Over the last decades, reproductive medicine has undergone a dramatic increase in several clinical and technological upgrades based on translational research discoveries.

In view of the presentation of current trends and future challenges in assisted reproduction, the aim of this Special Issue is to gather different and innovative perspectives for the treatment of human infertility, including both clinical and laboratory aspects. This includes the application of new protocols for ovarian stimulation, gamete and embryo culture and cryopreservation, embryo assessment via cutting-edge technologies such as time-lapse microscopy and artificial intelligence, as well as new and non-invasive applications of preimplantation genetic testing.

In this Special Issue, we would like to invite original clinical and basic research articles, meta-analyses and systematic reviews, aiming to update evidence on the future of assisted reproduction that embraces gynecological, andrological and embryological interests.





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Editor-in-Chief

Prof. Dr. David Alan Rizzieri

1. Novant Health Cancer
Institute, Winston-Salem, NC
27103, USA

2. Division of Hematologic
Malignancies and Cellular
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Durham, NC 27710, USA

Message from the Editor-in-Chief

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Journal of Personalized Medicine
Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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