

Special Issue

Fertility Challenges: Modern Management Strategies and Assisted Reproductive Technologies

Message from the Guest Editor

This Special Issue, Fertility Challenges: Modern Management Strategies and Assisted Reproductive Technologies, addresses the growing global concern of infertility by exploring the latest clinical advancements, delving into modern diagnostic approaches for male- and female-factor infertility.

This Special Issue aims to provide a comprehensive overview of recent advances in assisted reproduction and explore the challenges encountered at various stages of treatment. Topics include criteria for couples undergoing ART treatments or fertility preservation, assessment of ovarian reserve with new methods such as 3D antral follicle count, ovarian stimulation protocols, embryo transfer, and endometrial preparation—focusing on the window of implantation and endometrial receptivity (considering endometrial metabolism, immunology, and the microbiome)—culminating in pregnancy outcomes after IVF. Focus is placed on managing complex cases, including recurrent implantation failure and diminished ovarian reserve.

This Issue also examines time-lapse imaging for embryo selection, preimplantation genetic testing (PGT), and optimized cryopreservation techniques, such as vitrification.

Guest Editor

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There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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