Assisted Reproductive Technology: Clinical Advances and Challenges

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Message from the Guest Editors

Dear Colleagues,

Nowadays, assisted reproductive technology (ART) treatments are becoming increasingly in demand, due to social reasons such as late motherhood and the improvements in the management of chronic degeneration. Therefore, many aspects of the process are continuously studied, refined and renewed to increase the chance of live birth. The aim of this Special Issue is to provide a wide overview of the recent advances in assisted reproduction, and to eventually explore the challenges of any step of the treatment, from the inclusion criteria (or diseases to consider) to allowing a couple to perform ART treatments or fertility preservation, the evaluation of the ovarian reserve (new methods such as 3D.antral follicle count), ovarian stimulation protocols (dual trigger, dual stimulation, gonadotrophin dose and type, pharmacogenomics), embryo transfer and endometrial preparation with the window of implantation and endometrial receptivity (endometrial metabolism, immunology and microbiome) and pregnancy outcomes after IVF. Hence, researchers in the field of reproductive medicine are encouraged to submit their findings as original articles or reviews to this Special Issue.

Special Issue

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