



Special Issue Reprint

Hot Topics in Reproductive Medicine Research

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This Special Issue titled "Hot Topics in Reproductive Medicine Research" tries to cover some of the most debated topics in this field from a scientific and clinical point of view. In particular, the quality of embryos using compared tools such as incubator time-lapse and aneuploidy detection, the endometrioma impact on embryo quality, the influence of paternal age on obstetrical and perinatal outcome in IVF, and the possibility of performing assisted reproductive technology (ART) without discarding or freezing embryos. Other articles deal with PCOS and the patterns of patients who develop ovarian hyperstimulation syndrome with a granulosa cells transcriptional profile, PCOS and Vitamin D deficiency, new treatment of oligoasthenoteratozoospermia with antioxidants and natural hormones, general epigenetic risks in ART with special interest on gametes and embryos produced by cryopreservation, decision to treat or not and when varicocele, and the impact of a short abstinence period on sperm quality. Moreover, other interesting topics regard the placental volume and uterine artery doppler in pregnancy after IVF, the efficacy of autologous platelet intrauterine infusion in repeated embryo implantation failures, and DNA methylation in offspring after IVF.



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