

Special Issue

Hot Topics in Reproductive Medicine Research

Message from the Guest Editors

Infertility affects approximately 10–15% of couples of reproductive age worldwide. Several factors contribute to its increasing trend in Western countries.

Unfortunately, the etiology of infertility remains elusive in a high proportion of patients and therefore the treatments are poorly effective. Additionally, the results of assisted reproductive techniques (ARTs) show evident limitations even using pre-implantation genetic diagnosis for aneuploidies, prolonged embryo cultures, selection of embryos, etc. Furthermore, there are concerns about obstetric, neonatal, and adult health risks of the children obtained by ART. The endometrium and the placenta certainly deserve more attention.

Despite the growing trend in the use of ART, very frequent conditions, such as inflammation of the male genital tract and varicocele, female diseases such as polycystic ovarian syndrome and endometriosis, and their treatments cannot be underestimated. We aim to focus on some hot issues in reproductive medicine and to re-evaluate infertility etiology, the available clinical-therapeutic strategies (including ART), and decision-making algorithms in the light of the most recent evidence.

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