

Special Issue

Updates in Assisted Reproduction Treatment

Message from the Guest Editor

An estimated 8% to 12% of couples of reproductive age face challenges in achieving pregnancy within a year of regular, timed, and unprotected intercourse, with global surveys reporting as many as 186 million individuals suffering from infertility. For the past 40 years, assisted reproduction technologies (ARTs) utilize scientific knowledge and sophisticated technology for infertility management, even though compared with the degree of intervention, the success rates remain low, with only 30% of the embryos produced in vitro being ultimately transferred to the uterus, and only 10–30% of transferred embryos progressing to live birth. This realization calls for a fresh view on infertility management, along with the new perspectives on modern lifestyle and social structure that delays family planning. Practitioners are constantly seeking adjunct treatments to improve the outcomes, in the form of medical or non-medical co-therapies. The focus of this Special Issue is to highlight these new advances in the diagnosis and management of infertility through updates in ART.

Guest Editor

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