

Special Issue

Current Challenges and Future Prospects in Human Reproduction and Infertility

Message from the Guest Editors

Reproductive specialists are constantly looking for ways to enhance the assisted reproductive technologies in order to improve the results obtained while limiting the heaviness of the treatments, particularly their impact on the couple but also on the desired child.

Another important aspect of reproduction is the prevention of infertility. This is especially true as the age of women at first conception continues to increase while individuals are subjected to pollutants and other endocrine disruptors which, combined with a sometimes-inappropriate lifestyle, will alter the chances of conception. Another facet of this fertility preservation concerns the prevention of the toxic effects of certain treatments, such as chemotherapy, but also ovarian surgery. Indeed, preservation of ovarian tissue is challenging for infertile patients suffering from ovarian endometriosis. Different surgical procedures aiming to avoid ovarian reserve damage are nowadays possible.

Given the complexity of this topic and its impact on clinical practice and public health, *Medicina* is launching a Special Issue entitled Current Challenges and Future Prospects in Human Reproduction and Infertility.

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