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# Current Challenges and Future Prospects in Human Reproduction and Infertility

Guest Editors:

#### Dr. Laurie Henry

Center for Reproductive Medicine, University of Liege, Boulevard du 12ème de Ligne 1, 4000 Liege, Belgium

#### Prof. Dr. Michelle Nisolle

Obstetrics and Gynecology Department, University of Liege, 4000 Liège, Belgium

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### 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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#### **Message from the Editor-in-Chief**

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*Medicina* Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/medicina medicina@mdpi.com