



Reproductive Immunology: New Insights into Physiology and Pathophysiology of Pregnancy

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Message from the Guest Editors

Dear Colleagues,

Though several underlying pathologies have been identified, 15% of female infertilities remain unexplained. Treatment options are still scarce. However, some of the problems can be solved through assisted reproductive technologies. Deficient endometrium receptivity, inadequate development, or poor implantation capacity of the embryo represent the most common causes of female infertility.

The comprehension of the uterine and ovarian immune cellular and molecular mechanisms is essential for developing more efficient ways not only to treat reproductive issues but also to define the indications for immune checkpoints as a novel therapeutic option in reproductive clinical practice.

This Special Issue aims to highlight the emerging areas of research within the reproductive immunology field and contribute to a better understanding of the immune cellular and molecular mechanisms, together with the observed clinical outcomes, which could be essential for defining the indications for immune therapeutic options in managing infertility and pregnancy pathologies.





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Message from the Editor-in-Chief

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