

Special Issue

Reproductive Immunology: New Insights into Physiology and Pathophysiology of Pregnancy

Message from the Guest Editors

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.

Guest Editors

Dr. Marie-Pierre Piccinni

Prof. Dr. Julia Szekeres-Bartho

Prof. Dr. Sandra Maria Blois

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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