



Molecular Mechanisms of Human Oogenesis and Early Embryogenesis

Guest Editor:

Dr. Jan Tesarik

MARGen Clinic, Molecular
Assisted Reproduction and
Genetics, 18006 Granada, Spain

Deadline for manuscript
submissions:

closed (30 November 2022)

Message from the Guest Editor

This special issue treats with the relationships between molecular events taking place during human oogenesis and the molecular control of the early events during human preimplantation development. The main interest is focused on the human species, with possible applications in the development of novel diagnostic and therapeutical approaches to human infertility management.

The principal questions are how these molecules are involved in epigenetic events in early human embryos, to what extent they can repair both sperm and oocyte genetic damage, their relationship with the patient's age and hormonal status, and the possible ways of therapeutic actions in cases of abnormalities.

The rationale of this special issue is that a thorough knowledge of the molecular mechanisms involved in the above events should be used as a guide for specific diagnostic and therapeutic procedures used in cases of human infertility.





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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

Message from the Editor-in-Chief

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*International Journal of Molecular
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MDPI, St. Alban-Anlage 66
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