

## Special Issue

# Molecular Mechanisms of Human Oogenesis and Early Embryogenesis

### 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.

### Guest Editor

Dr. Jan Tesarik

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### Deadline for manuscript submissions

closed (30 November 2022)



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

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.

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### Editor-in-Chief

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