

Special Issue

Molecular Advances in Artificial Reproduction and Female Health: From Molecular Diagnosis to the Treatment of Gynecological Diseases

Message from the Guest Editor

As molecular and genetic technologies will form the basis for all our diagnostic and therapeutic options and shape therapeutical possibilities, including surgical therapeutic strategies for human reproduction, cancer treatment and gynecologic strategies, I am happy to invite you to participate in the publication of this Special Issue with an original paper, a case study or review. My expertise partly relates to artificial reproductive technologies (ART) such as measuring sperm DNA fragmentation much more precisely employing the SCSA test, in comparison to earlier test methods. The sperm chromatin structure assay (SCSA) is a flow cytometric test that measures the susceptibility of sperm DNA to acid-induced DNA denaturation in situ. We partly apply these techniques in endocrinology, endometriosis, measuring hormones and preimplantation factors in embryo cultures, as well as the frame of gynecological endoscopic or micro invasive surgery (MIS), including targeted medical applications.

Guest Editor

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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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