

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

Prof. Dr. Liselotte Mettler

Department of Obstetrics and Gynecology, University Hospital of Schleswig Holstein, Campus Kiel, 24105 Kiel, Germany

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Prof. Dr. José L. Quiles
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