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Cellular and Molecular Mechanisms of Endometriosis

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Message from the Guest Editors

Dear Colleagues,

The presence of endometrial-like tissue (that is, the tissue that lines the uterine cavity) outside of the uterus is the common definition for endometriosis, characterized by three recognized phenotypes: superficial peritoneal lesions (SUP), ovarian endometriomas (OMA) and deep infiltrating endometriosis (DIE).

Recent advances in the mechanisms, diagnosis and management of endometriosis set the concept of the endometriosis life context, as a 360-degree approach to understanding and treating this disease.

The focus of this Special Issue of *Biomolecules* will be on the most recent advances, theories and biomarkers, from inflammation-related immune system activation to genetic/epigenetic involvement to the associated comorbidities and potential new treatments.



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Special Issue



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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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