

Special Issue

Advances in Research of Estrogen Receptors in Health and Diseases

Message from the Guest Editor

The wide expression of the estrogen receptors (ER α , ER β , and the G-protein-coupled estrogen receptor (GPER)) is the background for this Special Issue: Whereas the function of ER α in breast, ovarian, and endometrial cancer has been extensively studied, there remain open questions regarding the role of both nuclear ERs and GPER-1 in various physiological processes and diseases. This Special Issue of IJMS is calling for original or review articles on the role of ER α , ER β and GPER-1 (A) in classical estrogen-dependent tissues of the female reproductive system, like tumors of the ovary and endometrium or benign disorders like endometriosis or polycystic ovary syndrome, and (B) novel insights in their function in other tissues not classically considered estrogen-responsive. In addition to aspects of their physiological function, insights into their role in diseases, elucidating tissue-specific pathways, may help identify new biomarkers or therapy targets. Suitable topics include, but are not limited to: the role of ER α , ER β and GPER-1 in diseases of tissues expressing them, and novel insights into their physiological function.

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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