

Special Issue

The Molecular Landscape of Endometrial and Ovarian Dysfunction in Polycystic Ovary Syndrome: Insights into Disease Mechanisms

Message from the Guest Editors

Polycystic ovarian syndrome (PCOS) is the most common ovarian endocrinopathy affecting women of reproductive age. The syndrome is recognised as a heterogeneous disorder that affects reproductive, metabolic, and endocrine functions. While much research over the last two decades has focused on the hormonal and metabolic aspects, increasing attention is now being directed towards the underlying molecular and cellular mechanisms of endometrial and ovarian dysfunction in PCOS. These dysfunctions contribute not only to reproductive disorders but also to the broader health risks associated with PCOS, including metabolic and cardiovascular diseases as well as gynaecological cancers.

Led by , , and assisted by Topical Advisory Panel Member Salih Alenezi, this Special Issue aims to highlight recent advances in our understanding of the intricate molecular pathways, regulation, and signalling networks that drive tissue-specific alterations in PCOS.

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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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