

Special Issue

Polycystic Ovary Syndrome: From Molecular Mechanisms to Therapies 2.0

Message from the Guest Editors

Polycystic ovarian syndrome (PCOS) is the most common ovarian endocrinopathy affecting women of reproductive age. It is frequently associated with distressing reproductive, metabolic and androgenic disorders, which negatively affect the quality of life and psychological wellbeing of women. PCOS is also associated with serious long-term morbidities such as diabetes and heart disease. Despite its high prevalence and negative impact on health, the underlying mechanisms of PCOS remain largely unknown. Recent evidence implicates androgen excess, hyperinsulinaemia and chronic low-grade adipose tissue inflammation in the pathogenesis of PCOS. Currently, the management of PCOS only targets the presenting symptoms with no curative therapy, owing to an incomplete understanding of its underlying mechanisms. This Special Issue focuses on the molecular mechanisms contributing to the development of PCOS. The Issue will also cover research investigating new therapeutics targeting the roots of PCOS. We welcome original manuscripts and review articles addressing this hot topic.

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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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