

Special Issue

Mechanisms Linking Metabolism and Reproductive Diseases

Message from the Guest Editors

Metabolism and Female Reproduction are regulated by common centres of the hypothalamus. External stimuli such as diet and stress acting directly to the hypothalamus can affect both Reproduction and Metabolism. Furthermore hormonal and inflammatory stimuli from in the periphery contribute to metabolic and reproductive diseases. There are conditions such as the Polycystic Ovary Syndrome which present with reproductive and metabolic disorders.

In this Special Issue, we aim to highlight molecular mechanisms that link metabolic and reproductive diseases, thus resulting in diseases which include both. Secondly, we hope to review the metabolic determinants of female reproduction. Thirdly, we aim to explore the effect of molecular metabolic parameters and their role in reproduction.

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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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