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Polycystic Ovary Syndrome: Current Knowledge and Future Perspectives

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Message from the Guest Editors

Polycystic ovary syndrome (PCOS) is the most common endocrine disorder in women of reproductive age; it is characterized by chronic anovulation, hyperandrogenism and polycystic ovaries on ultrasound imaging. Even if there is evidence for a genetic component of the disorder, other causes (e.g., prenatal triggers) are considered among the possible factors that may induce the development of PCOS. Several animal models have been developed in an attempt to understand the potential mechanisms involved in the development of this syndrome.

Although it has been over 80 years since the first description, the pathophysiology and etiology of PCOS is still a subject of debate. Despite the new data regarding the genetic background and androgen physiology, the "fight" between ovarian hyperandrogenism and hyperinsulinism hypotheses continues. There are also gaps regarding the diagnostic criteria and curative treatment.

Therefore, we think it is necessary to analyze and discuss the important unsolved issues in PCOS. This Special Issue welcomes submissions of both original research and review articles as well as case series dealing with PCOS



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Special Issue



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Message from the Editor-in-Chief

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