



Molecular Research of Male Hormones

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Message from the Guest Editor

The complex process of reproduction is finely regulated by various factors, including autocrine, paracrine, juxtacrine and endocrine environments within the gonads. All these processes are inter-connected to each other, and the major role is performed by the sex hormones.

Testes perform two important roles in one unit: they produce testosterone (steroidogenesis) and maintain germ cell development. Sertoli cells play the key role in terms of male fertility regulating hormones and producing signaling molecules, including growth factors and inflammatory cytokines which are involved in and sustain the process of spermatogenesis.

The aim of this Special Issue is to identify new pathways involved in the mechanisms of both steroidogenesis and spermatogenesis in order to maintain sexual function, and to prevent and cure infertility and hypogonadism. In this Special Issue, we encourage authors to submit original research papers or review articles focused on the following topics:





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Message from the Editor-in-Chief

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