

Special Issue

New Aspects of Steroid Hormone Action in Hormone Dependent Diseases

Message from the Guest Editor

Steroid hormones have a plethora of roles in human health and disease, and the number of newly identified functions in the human body continues to expand. Classical and non-classical roles of steroid hormones can be explained by endocrine, paracrine, autocrine and intracrine actions, and intracellularly by genomic and non-genomic signalling. Alterations in biosynthesis and the actions of steroid hormones are implicated in the development of various hormone-dependent diseases, including hormone-dependent cancers and several benign pathologies. Despite the years of research, there remains a significant lack of knowledge, especially about androgens in female diseases and oestrogens in diseases that affect males. The involvement of other steroid hormones and their metabolites in disease has also not been delineated in detail yet. This Special Issue will cover different aspects of steroid hormone actions in hormone-dependent diseases, with particular emphasis on steroid profiling in tissues and physiological fluids, biosynthesis and metabolism studies, and the molecular mechanisms that underlie the intracrine actions of steroid hormones.

Guest Editor

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Message from the Editor-in-Chief

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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