

Special Issue

Latest Molecular Advances in Prostate Cancer

Message from the Guest Editor

Prostate cancer is a heterogeneous disease that can exhibit indolent or aggressive behavior and that represents a complex global health burden. While tumors that are responsive to therapy that target androgen receptors have good outcomes, they can evolve to reach an androgen-independent state, also known as being castration-resistant. For decades, researchers have worked to increase our understanding of known mechanisms, find new molecular targets, and propose innovative therapies to change this scenario, but prostate cancer remains among the leading cause of death worldwide. For this Special Issue, we invite submissions that address long-lasting questions in this field, open up new therapeutic possibilities, and shed light on new molecular mechanisms. We encourage submissions on topics such as inflammation and immunotherapy, metabolic reprogramming, androgen signaling, chemoprotection, metastasis mechanisms, and the impact of diet and xenobiotics on disease progression and initiation. Therefore, we welcome perspectives, reviews, and full-length articles to fill in relevant gaps in the literature on prostate cancer mechanisms and possible therapeutic targets.

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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