

Special Issue

Molecular Mechanisms of Tumor Progression and New Therapeutic Strategies for Urological Cancers, 3rd Edition

Message from the Guest Editor

Urological tumors comprise bladder, prostate, renal, upper urinary tract, and germ-cell tumors, among others. The incidence of urological tumors has increased significantly over the past 40 years. In fact, all of them rank in the list of the top ten human cancers, and account for up to 33% of malignancies affecting the male population. Their different pathogenetic mechanisms and their varied diagnostic and therapeutic approaches represent a challenge in clinical practice. However, although the therapeutic landscape of urological tumors has significantly improved in recent years with the incorporation of new treatment options such as immunotherapy and target therapies, understanding the molecular mechanisms of tumor progression and therapy resistance will help us to develop novel treatment strategies and predict drug response toward precision medicine. Therefore, this Special Issue of the *International Journal of Molecular Sciences* encompasses original and review articles on the molecular mechanisms leading to tumor progression and resistance to current treatment options, new therapeutic strategies, as well as new prognostic and predictive biomarkers for urological tumors.

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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