



Cancers of the Genitourinary System: Pathophysiology, Modeling, and Treatment

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Message from the Guest Editors

Genitourinary tumors are common neoplasms that include prostate cancer, kidney cancer, bladder cancer, testicular cancer, and cancers of the penis. With the rapid advancement in the medical field and the wide use of next-generation sequencing techniques to understand cancer, researchers and physicians are moving away from a “one size fits all” strategy in treating the disease to specifically treat every patient.

It is thus crucial to decipher the molecular and cellular mechanisms underlying the initiation and progression of those intractable cancers and accordingly identify the unique biomarkers associated with them to aid in diagnosis and improve prognosis.

This issue focuses on research and experiences related to cancers of the genitourinary system. This may include deciphering the mechanisms underlying the initiation and progression of genitourinary cancers, including: pathophysiology; molecular, and cellular mechanism identification of novel cancer biomarker therapeutic targets, etc. We invite researchers in molecular pathology, genitourinary pathology, and other fields of cancer research to submit high-quality reviews related to the issues in this area.





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