



Molecular Research Efforts in Urothelial Carcinoma

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Message from the Guest Editor

Based on the progress in molecular oncology and cancer genetics in urothelial carcinoma of the bladder (UCB), novel treatment options including immune-oncology drugs, FGFR inhibitors or other targeted agents are approved or under development. Research efforts should lead to the discovery of novel predictive biomarkers in this emerging field. In addition to alterations in transcriptome and proteome, epigenetic factors, DNA repair mechanisms and non-coding RNAs have been proposed as pathogenic drivers, tumor suppressors and factors in treatment resistance and patient's clinical outcome.

Thus, an improved understanding of the underlying molecular mechanisms in UCB development is of paramount interest, not only to optimize treatment outcomes but to improve cost effective management modalities in this important malignancy. Original research articles, review articles, as well as research letters covering the large field of cancer genetics, molecular oncology, cell biology and newly discovered prognostic biomarkers of urothelial carcinoma are strongly invited.





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