



Molecular Research and New Therapy in Melanoma and Other Skin Cancers

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Message from the Guest Editor

Dear Colleagues,

Although we are experiencing increasing success in skin cancer therapy (especially malignant melanoma) by using immune checkpoint inhibition (ICI-) mono as well as combined therapy, skin cancer is still the most frequent cancer in the white population. The reasons for this are primary and secondary (acquired) resistance against modern ICI therapies as well as missing information about basic molecular events which induce skin cancer and therapy resistance. Therefore, there is an urgent need to increase evidence-based knowledge in the field of molecular oncology, personalized diagnostics, precision medicine and predictive assays to find early diagnostic, progression and predictive molecular biomarkers to monitor skin cancer. Topics that should be focused on in the future involve (beside others): tumor heterogeneity, tumor-microenvironment interaction (e.g., via exosomes), skin cancer biomarkers, transcriptomics, proteomics, epigenomics, immunomodulation, and the use of high throughput technologies. The main feature of this Special Issue is to provide a recent overview about ongoing molecular research by top experts in the field of skin cancer development and therapy.





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Message from the Editor-in-Chief

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