



Molecular Features of Skin Cancer

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Message from the Guest Editor

Skin cancer is by far the most common type of cancer worldwide. The main types of skin cancer are melanoma, basal cell carcinoma, squamous cell carcinoma, and Merkel cell carcinoma. Most of these can be treated effectively if diagnosed early, but the prognosis can be poor in advanced disease. Molecular characterizations of these tumors and the understanding of the immune-escape mechanisms used by tumor cells have allowed us to create targeted or agnostic effective drugs. However, there is still the need for novel treatments, and thus, it is important to discover new molecular alterations or processes for their development. Recently, digital pathology has been shown to be able to identify molecular subgroups of cancers by analyzing the virtual slide with artificial intelligence systems.

The aim of this Special Issue is to provide studies and reviews offering insights into the molecular features of the different subtypes of skin cancers, analyzing the molecular pathways involved in tumor cell plasticity and in tumor progression and metastasis, and presenting digital pathology tools or methods to recognize molecular alterations in these tumors.





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Message from the Editor-in-Chief

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