



## Current Concepts and Advances in Diagnosis and Treatment of Cutaneous Melanoma

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### Message from the Guest Editor

Now, The diagnosis of cutaneous melanoma is still mainly performed by the pathologists with the histological exam rendered on hematoxylin and eosin slides but an everyday increasing understanding of molecular biology and the pathogenesis of this tumour led to the development of new diagnostic and prognostic-therapeutic tools, which all the professional figures (surgical pathologist, dermatologist, oncologist, molecular biologist) involved in the management of this deadly disease should know.

Specific immunohistochemical markers and molecular alterations represent novel diagnostic, prognostic and therapeutic targets for cutaneous melanoma. The work highlighting and defining new immunohistochemical markers (p21, p53, PRAME, double stains), genetic alterations (CDKN2A, TP53, NTRK, PRKAR1A) and tumour microenvironment (PD-L1) in cutaneous melanoma adds to the enormous body of well-knowledge in delineating the current strategies for the diagnosis and therapy of cutaneous melanoma. Original studies, reviews and research papers that highlight the current concepts and advances in diagnosis and treatment of cutaneous melanoma are welcomed.





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