

Special Issue

Current Concepts and Advances in Diagnosis and Treatment of Cutaneous Melanoma

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.

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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