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Animal Models of Melanoma

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Message from the Guest Editors

Dear Colleagues,

Malignant melanoma represents a significant problem in the human population. Despite impressive recent progress in development of new therapies for metastatic disease, prospects for long-term survival remain grim for most patients due to acquired resistance to these agents. Moreover, these therapies are limited by adverse side effects and their high costs. Clearly the need is great for development of new strategies for advanced melanoma with long-term efficacy, improved toxicity profiles and lower costs. In this regard, a key element for progress is the utilization of appropriate animal models. Several models for human melanoma have been developed in rodents and other animals that recapitulate advanced, metastatic forms of the disease and can be employed for these efforts. This issue reviews the current state-of-the-art for experimental animal models of human melanoma, and outlines potential approaches for their application to the development of novel strategies for effective management and cure of this devastating disease.

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Message from the Editor-in-Chief

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