

Special Issue

Melanoma Tissue Structure, Cell Composition, Interactions and Metabolism: From Cancer Pathology to Therapeutic Strategies

Message from the Guest Editors

The invasiveness and drug-resistant phenotype of cutaneous melanoma (CM) depend on melanoma cell capacity to generate a cancer permissive tumour microenvironment (TME). Melanoma cells together with the surrounding TME build dynamic tissue influencing cancer cell viability, immune escape and drug-resistant phenotype. Moreover, melanoma tissue, characterized by a remarkable metabolic plasticity, can change its metabolic choice, structure, composition, mechanical and cellular properties to accommodate the needs of melanoma cells during cancer evolution. In this special issue, we welcome authors to submit Original Research and Review articles contributing to better understand the following topics that include, but are not limited to: role of melanoma cells in TME establishment and remodeling, metabolism of melanoma tissue, role of melanoma cells and TME in the regulation of CM development, progression, immune escape and therapy resistance, therapeutic strategies targeting melanoma tissue. **Keywords:** cutaneous melanoma; tumor microenvironment; melanoma cells; stromal cells; metabolism; therapeutic strategies; immune escape; therapy resistance

Guest Editors

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