

Special Issue

Cancer Cell Metabolism: New Advances and Potential Therapies

Message from the Guest Editors

Cancer cell metabolism is one of the most emergent and promising fields of study in cancer research. The metabolic switch that occurs in cancer cells is associated with cancer aggressiveness and can be considered the Achilles heel of cancer, offering a powerful opportunity for new cancer therapy strategies. This Special Issue intends to assemble the most recent advances in this field, aiming at exploring the intricate mechanisms of the reprogrammed metabolism in cancer cells, as well as the development of innovative strategies for cancer therapy by exploiting this cancer hallmark. Comprehensive reviews and original research manuscripts describing specific studies on new therapeutic approaches, namely the development of new molecules that can act on metabolic targets, but also the influence of cancer metabolism on the tumor microenvironment, the role of key enzymes or metabolites on cancer growth, or the interconnection of this field with other emergent therapies, like immunotherapy, are welcome.

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