

Special Issue

Enzymes Dysregulation in Cancer: From Diagnosis to Therapeutical Approaches

Message from the Guest Editors

Malignant transformation and cancer metabolism require important changes in enzymes expression and activity in order to support cell growth, invasion and metastasis. Furthermore, compared to normal cells, malignant cells are known to display dysregulated pathways to support cell functions in a microenvironment where there is a constant oxygen and nutrients restriction. Although on one hand these dysregulations boost the aggressive behavior of malignant cell, on the other hand they represent a potential therapeutical target for developing novel targeted therapies. This special issue will be focused on discovering novel enzymatic pathways dysregulated in cancer, as well as identifying novel potential therapeutic targets for cancer management.

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