



PhD Programme in Molecular Medicine

Immunobiology of Cancer Seminar

Targeting Tumor Vasculature Reverses Immunotherapy Resistance

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We have recently witnessed significant milestones in the treatment of various cancers with immunotherapies. However, only subsets of patients respond to such treatments. Several mechanisms underlie the unresponsive patients and immune evasion. One mechanism of immune evasion is the tumor vasculature that displays irregular structures conducive to tumor growth and maintaining immunosuppression. Tumor growth upregulates the expression of pro-angiogenic factors that propagate the aberrant blood vessel formation and immunosuppression. Thus, the modulation of the tumor vasculature offers an opportunity to improve the response to immunotherapy. Various novel therapeutic approaches have been investigated that target the tumor vasculature and resulted in synergistic activities with immunotherapy and overcoming resistance .

7 Settembre 2023 at 9.00

Aula Convegni DAME

P.le Kolbe