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HR EXCELLENCE IN RESEARCH

Cancer Stem Cells: therapeutic implications

February 28th 2019

03.00 pm

Room C DAME -
Department of Medicine
P.Le Kolbe 4, Udine

SPEAKER

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The involvement of CSCs in several types of tumors is gaining interest. The CSC hypothesis has important implications for understanding key biological processes of carcinogenesis and developing innovative therapeutic strategies selectively targeted to the population that fuels neoplastic growth and maintenance. The understanding and the evaluation of the mechanisms that regulate the apoptotic process and consequently cancer stem cells proliferation, would be useful for the elaboration of new and more appropriate therapies.

These approaches together with conventional chemotherapeutic drugs, could reduce cancer stem cells survival. These cells represent a key therapeutic target, being responsible for the tumoral minimal residual disease induction and metastasis formation.

ORGANIZER

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