Paradoxical expression of anti-apoptotic and MRP genes on cancer stem-like cell isolated from TJ905 glioblastoma multiforme cell line.

Jin F, Zhao L, Zhao HY, Guo SG, Feng J, Jiang XB, Zhang SL, Wei YJ, Fu R, Zhao JS.

Department of Neurosurgery, Union Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, People's Republic of China.

Abstract
Existence of cancer stem cell is regarded as a main reason for metastasis and/or recurrences. In this study, the cancer stem-like cell derived from TJ905 glioblastoma multiforme cell line was isolated successfully. However, it was observed that generating rate of the cancer stem-like cells was lower than that of TJ905 cells, that expression of the anti-apoptotic and multidrug resistance-associated protein (MRP) genes were paradoxical to the literatures, which showed the uncertainty of cancer stem cells, and that some stem cell was not the solo factor to maintain tumor growth and resist apoptosis and anti-tumor drugs.

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