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miR 370

A study described a new miR-370-mediated mechanism of MGMT regulation in PCNSL.

Li et al., first showed that miR-370 was downregulated in PCNSL tissues, while MGMT was inversely overexpressed. It was also observed that miR-370 suppressed the expression of MGMT. Additionally, upregulation of miR-370 significantly increased TMZ sensitivity dependent of MGMT, thus suppressed Raji cell proliferation and induced apoptosis in vitro. In conclusion, these results suggest that miR-370 is a potential target in PCNSL treatment ¹⁾.

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1)

Li X, Xu X, Chen K, Wu H, Wang Y, Yang S, Wang K. miR-370 Sensitizes TMZ Response Dependent of MGMT Status in Primary Central Nervous System Lymphoma. Pathol Oncol Res. 2019 Feb 2. doi: 10.1007/s12253-019-00605-4. [Epub ahead of print] PubMed PMID: 30712191.

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