

Akt and DNA-targeted agents. Avan et al. 2016

Name of Journal: *World Journal of Clinical Oncology***ESPS Manuscript NO:** 25798**Manuscript Type:** Review**Role of Akt signaling in resistance to DNA-targeted therapy**Abolfazl Avan¹, Ravi Narayan², Elisa Giovannetti¹, Godefridus J. Peters^{1*}

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Peter J. Houghton, Robert J. Arceci - 2010 - Medical

2002), may achieve similar potentiation of conventional therapies. molecularly targeted approaches may potentiate efficacy by circumventing resistance ... be counteracted by independent inhibition of Akt signaling, suggesting a role for agents, One particularly important mechanism involves the reversal of DNA damage ...

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DA Reardon, PY Wen - The oncologist, 2006 - AlphaMed Press

... These signaling pathways are important for a wide range of cellular functions, including protein ... Additional studies will determine whether imatinib mesylate has a role in the treatment of GBM. ... Validation of suppression of target signaling is of particular importance for brain tumors ...

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DNA repair and resistance of gliomas to chemotherapy and radiotherapy

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Role of AKT signaling in DNA repair and clinical ... - ResearchGate

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Role of AKT signaling in DNA repair and clinical response to cancer therapy ... that AKT activation plays an important role in the acquisition of resistance to anticancer AKT pathway is useful for predicting response to targeted therapy.

Molecular targeting therapy of cancer: drug resistance, apoptosis and ...