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Manuscript Type: ORIGINAL ARTICLE

Basic Study

Quinone oxidoreductase 1 is overexpressed in gastric cancer and associated with outcome of adjuvant chemotherapy and survival

Jiang ZN *et al.* NQO1 is a prognostic biomarker and drug target in patients with gastric cancer

Zhi-Nong Jiang, Syed Minhaj Uddin Ahmed, Qin-Chuan Wang, Hong-Fei Shi, Xiu-Wen Tang

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Jan 15, 2016 · R.A. Fleming, J. Drees, B.W. Loggie, G.B. Russell, K.R. Geisinger, et al. Clinical significance of a NAD(P)H:quinone oxidoreductase 1 polymorphism in patients with disseminated peritoneal cancer receiving intraperitoneal hyperthermic chemotherapy with mitomycin C

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Publish Year: 2016

NAD(P)H:quinone oxidoreductase-1 overexpression predicts ...

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Sep 17, 2014 · NQO1, NAD(P)H:quinone oxidoreductase-1; SCLC, small cell lung cancer. NQO1 is an independent prognostic factor in SCLC using the Cox proportional hazards regression model Upon univariate analysis, patients whose SCLC tumors with NQO1 high-level expression had a significantly lower 5-year survival rate (P=0.001) than those with NQO1 low-level ...

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Publish Year: 2014

NAD(P)H:Quinone Oxidoreductase 1 (NQO1) as a Therapeutic ...

<https://pubs.acs.org/doi/10.1021/acs.jmedchem.8b00124>

NAD(P)H:quinone oxidoreductase 1 (NQO1) is a two-electron reductase responsible for detoxification of quinones and also bioactivation of certain quinones. It is abnormally overexpressed in many tumors and

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Significance of NQO1 overexpression for prognostic ...

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Some studies have shown that **high NQO1 expression** is **associated** with poor **survival** in several types of **cancer** such as pancreatic, **gastric**, and breast **cancer** [8,19, 20]. In contrast, we previously...

Overexpression of NAD(P)H:quinone oxidoreductase 1 ...

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This genomic gain was **associated** with amplification of the NQO1 gene in one tumor biopsy as well as in breast **cancer** cell lines. Using different breast cell models, we found that NQO1 overexpression was a main determinant for a potential **chemotherapy** resistance or an increased sensitivity to **quinone** ...

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Jan 15, 2016 · Overexpression of NAD(P)H:**quinone oxidoreductase 1** (NQO1) and genomic gain of the NQO1 locus modulates breast **cancer** cell sensitivity to quinones Author links open overlay panel Christophe Glorieux a Juan Marcelo Sandoval a Nicolas Dejeans a 1 Geneviève Ameye b H el ene Antoine Poirel b Julien Verrax a Pedro Buc Calderon a c

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1728 - Gene ResultNQO1 NAD(P)H quinone dehydrogenase ...

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NQO1 overexpression was also related to low disease-free **survival** and 5-year **survival** rates. Results from reverse transcription polymerase chain reaction and promoter assays reveal that

Quinone oxidoreductase 1 is overexpressed in gastric cancer ε

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