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Retrospective Study

IDO1/COX2 expression prediction for adverse prognosis in colorectal cancer

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Abstract

AIM

Patients with colorectal cancer (CRC) have poor clinical outcomes. We performed this study to evaluate IDO1/COX2 (indoleamine-2,3-dioxygenase 1/Cyclooxygenase-2) expression as an independent prognostic biomarker for CRC

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Gupta R. A., DuBois R. N. Colorectal cancer prevention and treatment by inhibition of cyclooxygenase-2. Nat. Rev. Cancer, 1: ...

(IDO1) expression in breast cancer tissue by ... - NCBI - NIH

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2013年1月24日 - COX2 as positively correlated with IDO on univariate but not multivariate analysis. There was a trend toward greater numbers of ... In colorectal cancer, there was no survival difference seen, but high IDO-expressing tumors were more likely to metastasize to the liver. There is evidence that combining IDO ...

缺少字词: prediction

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作者: G Brandacher - 2006 - 被引用次数: 437 - 相关文章

Prognostic value of indoleamine 2,3-dioxygenase expression in colorectal cancer: effect on tumor-infiltrating T cells. Brandacher ... EXPERIMENTAL DESIGN: Expression of IDO was analyzed in colorectal cancer cell lines by reverse transcription-PCR and functional enzyme activity was assessed by high-pressure liquid ...

缺少字词: cox2 prediction adverse

Cancer/stroma interplay via cyclooxygenase-2 and indoleamine 2,3 ...

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作者: JY Chen - 2014 - 被引用次数: 41 - 相关文章

2014年7月25日 - Kynurenine, the metabolite generated by IDO, increases in the supernatant of fibroblasts co-cultured with COX-2-overexpressing breast cancer cells. PGE2 released COX-2 expression in breast cancer and IDO expression in stromal fibroblasts predicted poor disease-specific



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作者: G Brandacher - 2006 - 被引用次数: 445 - 相关文章

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Cyclooxygenase-2 Expression is an Independent Predictor of Poor ...

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作者: S Ogino - 2008 - 被引用次数: 143 - 相关文章

Despite the well-accepted role of COX-2 in tumor development (2), studies are conflicting regarding prognostic significance of COX-2 in colorectal cancer with some (3, 8, 9) supporting and others (4, 10-16) refuting an independent adverse effect of COX-2 overexpression. COX-2 overexpression has been positively ...

缺少字词: indoleamine dioxygenase

Expression and Prognostic Value of Indoleamine 2,3-dioxygenase in ...

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作者: T Zhang - 2017 - 被引用次数: 1 - 相关文章

2017年3月6日 - Results: PANC-1, CFPAC-1, and BxPC-3 cell lines expressed IDO at the protein level, and the relative expression amount increased after stimulation with 500 U/ml ... Zhang T, Tan XL, Xu Y, Wang ZZ, Xiao CH, Liu R. Expression and Prognostic Value of Indoleamine 2,3-dioxygenase in Pancreatic Cancer.

缺少字词: cyclooxygenase prediction