Indoleamine 2, 3-dioxygenase: a prognostic marker and immunotherapeutic target for hepatocellular carcinoma

Indoleamine 2, 3-dioxygenase serves as a marker of...

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Indoleamine 2, 3-dioxygenase in the progression of...

Targeting the immunoregulatory indoleamine 2,3 dioxygenase...

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Indoleamine 2,3-Dioxygenase Expression in Human Cancers...
Indoleamine 2, 3-dioxygenase: As a potential prognostic marker and immunotherapeutic target for hepatocellular carcinoma

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Abstract
Tumor cells induce an immunosuppressive microenvironment which leads towards tumor immune escape. Understanding the intricacy of immunomodulation by tumor cells is essential for immunotherapy. Indoleamine 2, 3-dioxygenase (IDO) is an immunosuppressive enzyme which mediates tumor immune escape in various cancers including hepatocellular carcinoma (HCC). IDO up-regulation in HCC may lead to recruitment of regulatory T-cells into tumor microenvironment and therefore inhibit
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https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2746500/

IDO as a prognostic marker of chronic inflammatory disease progression & tolerance... Finally, patients with high IDO expression in hepatocellular carcinoma had significantly... Figure 2 depicts potential checkpoints where IDOs expressing IDO in inflamed... IDO1 & IDO2: which is the relevant target for immunotherapy?

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15 Nov 2011... Indoleamine 2,3-dioxygenase (IDO) is the key metabolic enzyme implicated in tryptophan catabolism.... This review discusses the potential implication of IDO in tumor... Strong IDO expression in hepatocellular tumors has also been... this enzyme could be an interesting target in cancer immunotherapy.

The role of indoleamine 2,3-dioxygenase in the induction of immune...

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