CUL4A associates with epithelial to mesenchymal transition and poor prognosis in perihilar cholangiocarcinoma

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Tumor-associated macrophages (TAMs) are associated with poor prognosis in numerous ...

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METHODS: In vitro cultured cholangiocarcinoma GBC339 cell line was ... ducts is higher than the percentage of the neoplasms with perihilar localization. ... hepatoocyte dedifferentiation, enhanced epithelial-mesenchymal transition ... BACKGROUND: Intrahepatic cholangiocarcinoma (ICC) is associated with poor survival.

Overexpression of epithelial-mesenchymal transition-related markers ...
Name of Journal: World Journal of Gastroenterology
ESPS Manuscript NO: 31422
Manuscript Type: ORIGINAL ARTICLE

Basic Study

Cullin 4A is associated with the epithelial to mesenchymal transition and poor prognosis in perihilar cholangiocarcinoma

Zhang Tj et al. CUL4A in PHCC EMT and prognosis

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Abstract

AIM

To explore the functional role of Cullin 4A (CUL4A), a core subunit of E3
Culin 4A is associated with the epithelial to mesenchymal transition and poor survival.

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2008年7月1日 - UV-DDB consists of DDB1 and DDB2, and it is a component of the cullin 4A (CUL4A) -based ubiquitin ligase, DDB1-CUL4A(DDB2).