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**Manuscript NO:** 59323

**Manuscript Type:** ORIGINAL ARTICLE

**Basic Study**

**FoxM1 regulates VEGF-A expression to promote the angiogenesis and tumor cell growth of gallbladder cancer**

FoxM1 promotes GBC *via* VEGF-A

**Abstract**

**BACKGROUND**

Gallbladder cancer (GBC) is an aggressive type of biliary tract cancer which lacks effective therapeutic targets. Fork head box M1 (FoxM1) is an emerging molecular target associated with tumor progression in GBC and accumulating evidence suggests that vascular endothelial growth factor (VEGF) promotes various tumors by inducing neoangiogenesis

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## Regulation of the master regulator FOXM1 in cancer | Cell ...

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Sep 12, 2018 · **FOXM1 (forkhead box protein M1)** is a critical proliferation-associated transcription factor that is widely **spatiotemporally expressed** during the cell cycle. It is closely involved with the processes of cell proliferation, **self-renewal**, and **tumorigenesis**. In most human cancers, **FOXM1** is overexpressed, and this indicates a poor prognosis for cancer patients.

**Cited by:** 66

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Overexpression of FOXM1b promotes the **growth** and metastasis of gastric **cancer** cells and gastric tumorigenesis by transactivation of **vascular endothelial growth factor expression** and...

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Apr 01, 2010 · Y. Zhang, N. Zhang, B. Dai, et al. FoxM1B transcriptionally **regulates vascular endothelial growth factor expression** and promotes **the angiogenesis** and **growth** of glioma cell...

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