

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 41328

Manuscript Type: ORIGINAL ARTICLE

*Basic Study*

*Helicobacter pylori* promotes the proliferation of gastric cancer through enhancing heparanase

Liu LP *et al.* HPA in GC infected by *H. pylori*

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**Abstract**

*AIM*

To detect the mechanisms of *Helicobacter pylori* (*H. pylori*) infection regarding the proliferation, invasion and metastasis of gastric cancer (GC).

***METHODS***

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2017年4月11日 - In biopsies of H. pylori-associated gastritis and gastric cancer MMP-1, -2 ... suggested to promote MMP-2 and MMP-9 production in the gastric cancer cell ... to invasive growth and enhanced proliferation in malignant cells [32].

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2005年6月7日 - Whether *H pylori* can promote gastric cancer cell invasion through MMP-9 is ... mediated COX-2 expression is associated with cell proliferation[14]. .... In MKN-45 cells, *H pylori* infection enhanced nuclear NF-κB activity and ...

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chronic infections, especially with *Helicobacter pylori*, contribute to stomach ... promote gastric carcinogenesis; this recommends the NF-κB system for ... increase thereby migration and invasion of gastric cancer cells [75]. .... phosphorylation and RelA nuclear translocation, and enhanced proliferation without affecting.

## Exosome - mediated peritoneal dissemination in gastric cancer and its ...

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