#### THE ROLE OF AUTOPHAGY IN GASTRIC CARCINOGENESIS





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Beclin 1 is encoded by Becn1, and plays a role in tumorigenesis, neurodegeneration, apoptosis and autophagy. Here, the aggressive phenotypes and relevant proteins were examined after Beclin 1...

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However, upon delivery into gastric epithelial cells, CagA is usually degraded by macroautophagy/autophagy. Hence, the induction of autophagy in H. pylori-infected epithelial cells is a...

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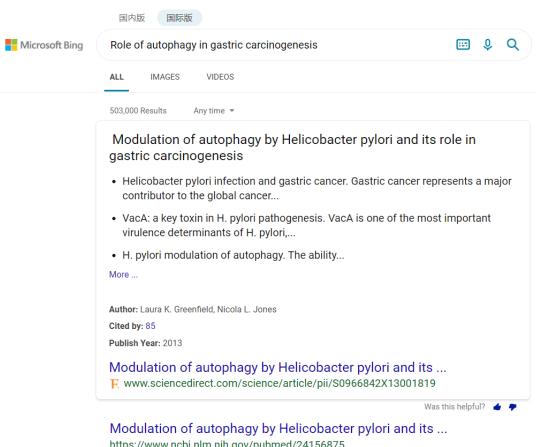
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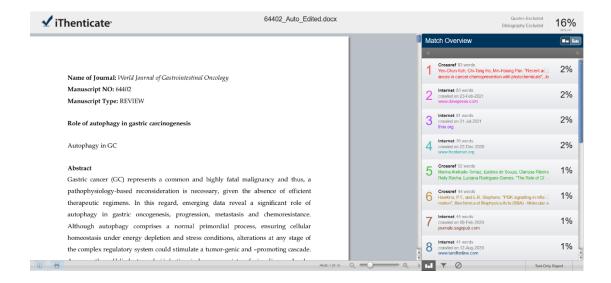
Altered autophagy can influence intracellular survival and persistence of H. pylori. H. pylori -disrupted autophagy may promote an environment favoring gastric carcinogenesis. Helicobacter pylori infection...

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Novel insights into the mechanism and consequences of this phenomenon have emerged, but many



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## Modulation of autophagy by Helicobacter pylori and its ...

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Novel insights into the mechanism and consequences of this phenomenon have emerged, but many aspects remain largely unknown. Current evidence supports a scenario in which H. pylori-suppressed autophagy facilitates intracellular survival and persistence of the pathogen, while also generating an environment favoring carcinogenesis.

Cited by: 85 Author: Laura K. Greenfield, Nicola L. Jones

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## CAPZA1 determines the risk of gastric carcinogenesis by ... https://pubmed.ncbi.nlm.nih.gov/30176157

However, upon delivery into gastric epithelial cells, CagA is usually degraded by macroautophagy/autophagy. Hence, the induction of autophagy in H. pylori-infected epithelial cells is an important host-protective ability against gastric carcinogenesis. However, the mechanisms by which autophagosome-lysosome fusion is regulated, are unknown.

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## Modulation of autophagy by Helicobacter pylori and its ...

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