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***Helicobacter pylori* in human health and disease: Mechanisms for local gastric and systemic effects**

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Abstract

Helicobacter pylori (*H. pylori*) is present in roughly 50% of the human population worldwide and infection levels reach over 70% in developing countries. The infection has classically been associated with different gastro-intestinal diseases, but also with extra gastric diseases. Despite such associations, the bacterium frequently persists in the human host without inducing disease, and it has been suggested that *H. pylori* may also play a beneficial role in health. To understand how *H. pylori* can produce such diverse effects in the human host, several studies have focused on understanding the local and

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