

## Virulence of *Helicobacter Pylori*: Yesterday, Today and Tomorrow

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### Abstract

Undoubtedly, *H. pylori* is the major human gastric pathogen, which infects the mucosal epithelium in 50% of world population. However, *H. pylori* infection is relatively prevalent globally; the majority of infected individuals are asymptomatic. The recent epidemiological studies show that the various gastro intestinal complications can be the result of genetic variation in *H. pylori* strains. To date, different virulence factors had been suggested for *H. pylori*, but none of them can be a good biomarker for specific gastric disorders. In this review article, we aim to describe a comprehensive view on what we found in *H. pylori* virulence research in Iran. Hopefully, in parallel with new advances in sequencing systems, we will have better overview of virulence phenomenon of *H. pylori* in near future.

**Keywords:** *Helicobacter pylori*, Iran, virulence, *homB*, *dupA*