



Advances in the Diagnosis and Treatment of *Helicobacter pylori*

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Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editor

Dear Colleagues,

Helicobacter pylori is a causative agent of infections which affects almost half of the world adult population, leading to complications, such as chronic gastritis, peptic ulcer disease, non-ulcer dyspepsia, and adenocarcinoma. Eradication remains a major challenge, mainly due to the antibiotic resistance. There is also a need to develop rapid and widely accessible diagnostic methodologies to detect strains of *H. pylori* that are resistant to specific antibiotics. The progression of infection by *H. pylori*, development of its antibiotic resistance, and effective treatment options are influenced by a number of factors, including host physiology. Understanding these aspects is, therefore, crucial for the eradication of this bacterium.

Keywords: *Helicobacter pylori*; antibiotic resistance; eradication; diagnosis; bacterial infection





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Message from the Editor-in-Chief

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