

Special Issue

Helicobacter pylori Cell Biology and Pathogenesis

Message from the Guest Editor

H. pylori has been associated with the development of certain malignancies and classified as a type I carcinogen. Additionally, it has been shown that *H. pylori* eradication also significantly lowered the risk of gastric cancer in initially healthy, asymptomatic patients. On the other hand, some studies have suggested that, depending on the strain type, *H. pylori* may play a role in the natural stomach ecology. Thus, there is a need for more comprehensive studies on the role of *H. pylori* and host cell interactions, particularly in light of the rising resistance of this bacterium to commonly used antibiotics. Topics of interest for this Special Issue include, but are not limited to: Models of host-microbial persistence;

H. pylori cell biology;

H. pylori strain types and host interactions;

H. pylori-induced physiological processes regulation and dysregulation;

H. pylori pathology;

Host susceptibility;

H. pylori epidemiology;

H. pylori and antibiotic resistance;

H. pylori and cancer prognostic factors;

Therapeutic approaches like targeted treatment of *H. pylori*-related pathophysiological tissue-related changes.

Guest Editor

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Deadline for manuscript submissions

closed (30 July 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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