



Recent Advances in *Campylobacter jejuni* and *Helicobacter pylori*

Guest Editor:

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Message from the Guest Editor

Dear colleagues,

The class epsilonproteobacteria contains two major human pathogens, *Campylobacter jejuni* and *Helicobacter pylori*. *C. jejuni* is one of the most common bacterial causes of gastroenteritis throughout the world and is responsible for more than 100 million cases of disease and more than 30,000 deaths annually. In addition, serious post-infection sequelae such as Guillain–Barré syndrome and reactive arthritis occur. *H. pylori* colonizes the stomachs of half of the world's population. While the majority of *H. pylori*-colonized persons are asymptomatic, ~10% develop either peptic ulcer disease or gastric cancer due to *H. pylori*-induced chronic inflammation. Peptic ulcer disease affects 340 million people and is responsible for considerable morbidity and mortality. Gastric cancer is the sixth most prevalent cancer worldwide and the second leading cause of cancer deaths (780,000 deaths annually).

In this Special Issue, we will focus on *C. jejuni* or *H. pylori*, in particular topics such as pathogenesis, virulence factors, physiology, gene regulation, host cell signaling, and immune responses.

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