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Inflammatory Chaos in *Helicobacter pylori* Infection

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Message from the Guest Editor

Helicobacter pylori is one of the most common human pathogens and is closely associated with pathogenesis of gastritis, peptic ulcer, gastric cancer and MALT lymphoma. A total of 4.4 billion individuals are estimated to be colonized with *H. pylori,* which equals to 60% of the world population in the middle of last decade. The prevalence of *H. pylori* infection is low in developed countries and high in developing countries, ranging between 19% in Switzerland and 88% in Nigeria. The survival of the *H. pylori* in its niche, the gastric mucosa, can be attributed to the ability of this microbe to manipulate its host's immunity. *H. pylori* has evolved strategies to evade or derange innate and adaptive immune responses. This bacterium is generally detected by pattern recognition receptors (PRRs) to mount the different immune responses, whereas *H. pylori* has evolved strategies for masking the toll-like receptor (TLR) ligands to modulate the sensing which ultimately affects signaling pathways for the production of chemokines and cytokines.

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Message from the Editor-in-Chief

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