

Special Issue

The Inflammatory and Immune Response to *Helicobacter pylori* Infection

Message from the Guest Editors

Helicobacter pylori is generally regarded as a human pathogen and a carcinogen, responsible for about 15% of the total cancer burden globally and up to 90% of all gastric cancer cases. The induction of the innate immune response by *H. pylori* plays a critical role in the outcome of the infection. The pathophysiology of *H. pylori* infection and its clinical outcome should be viewed as a complex interaction between the host, the bacterium, and the gastrointestinal microbiota. Thus, there is a clear need for studies describing the factors that induce and regulate the immune response during *H. pylori* infection, for innovative approaches to *H. pylori* infection management.

This Special Issue will focus on the latest advances in understanding the induction and regulation of the inflammatory and immune response to *H. pylori* infection, as well as potential tools for its modulation and innovative eradication strategies, including but not limited to novel antibacterials, probiotics, postbiotic metabolites, phytochemicals, and bacteriophages.

and

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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