

Special Issue

Helicobacter pylori Extracellular Proteins and Cell Surface Structures: Towards Novel Therapeutics

Message from the Guest Editor

Helicobacter pylori maintains a cancer-promoting chronic infection of the human stomach via perfect adaptation to the harsh gastric environment, and by evading all host immune defences. While secreted soluble *H. pylori* proteins and structures coating the *H. pylori* cell surface play critical roles in both of these mechanisms of persistence, the biological functions of many of these factors remain to be elucidated. In light of increasing antimicrobial resistance, interception of these extracellular proteins or structures could hold the key to treating or preventing *H. pylori* infection and life-threatening associated gastric diseases.

This Special Issue focuses on the extracellular proteins and surface structures of *H. pylori* in relation to infection and disease. We welcome original research papers, comprehensive reviews and novel communications dealing with structure-function of *H. pylori* cell surface-bound or secreted soluble molecules, their diversity, their roles in host-pathogen interactions and immune evasion, and their potential for targeting in therapeutic and prophylactic strategies.

Guest Editor

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