Helicobacter pylori

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The revolutionary discovery of *Helicobacter pylori* started a new era in the understanding and management of gastroduodenal diseases. *H. pylori* is associated with chronic gastritis, peptic ulcers, MALT lymphoma, the pathogenesis of gastric cancer and several extra-gastric diseases. The organism displays an enormous genetic diversity and some strains harbour numerous virulence factors. No vaccines are available yet and increased antibiotic resistance of the bacteria is of growing concern. Many questions about *H. pylori* pathogenesis, epidemiology, prophylaxis and treatment remain to be answered. In addition, the role of non-pylori *Helicobacter* species is becoming a topic of considerable medical interest.

This book highlights recent research and provides in a single volume an up-to-date summary of our current knowledge for microbiologists, clinicians and advanced students working with *Helicobacter* and for those wishing to enter the field. The authors offer an outstanding collection of reviews on many aspects of *Helicobacter* research including microbiology, virulence factors, immunology, vaccine research, epidemiology, diseases associated with the infection, antibiotic resistance, and treatment (including the use of non-antibiotic agents). A major reference volume on *Helicobacter pylori* and how it impacts on public health worldwide, the book is essential reading for those with an interest in the microbiology of *H. pylori* and is a recommended volume for all microbiology libraries.

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