

## Special Issue

# *Helicobacter pylori* Infection and Antibiotic Resistance: The Emerging Eradication Strategies

### Message from the Guest Editors

In light of the growing prevalence of *Helicobacter pylori* (*H. pylori*), its eradication has been recognized as high priority. Despite efforts to control this pathogen, several factors have hindered its successful eradication. Antibiotic resistance has been recognized as the main driving factor in the treatment failure process. The indiscriminate use of antibiotics in both clinical and community settings has played a significant role in fueling this problem, selecting for resistant strains and promoting their proliferation. *H. pylori* has developed an impressive repertoire of resistance mechanisms, rendering traditional antibiotic therapies less effective and highlighting the urgent need for a tailored therapy approach. By fostering an interdisciplinary approach, implementing stringent antibiotic stewardship programs, and promoting tailored treatment approaches, we can strive toward successful *H. pylori* treatment outcomes.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 October 2024)



## Antibiotics

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## About the Journal

### Message from the Editor-in-Chief

There are very few fields that attract as much attention as scientific endeavor related to antibiotic discovery, use and preservation. The public, patients, scientists, clinicians, policy-makers, NGOs, governments, and supra-governmental organizations are all focusing intensively on it: all are concerned that we use our existing agents more effectively, and develop and evaluate new interventions in time to face emerging challenges for the benefit of present and future generations. We need every discipline to contribute and collaborate: molecular, microbiological, clinical, epidemiological, geographic, economic, social scientific and policy disciplines are all key. *Antibiotics* is a nimble, inclusive and rigorous indexed journal as an enabling platform for all who can contribute to solving the greatest broad concerns of the modern world.

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### Editor-in-Chief

Prof. Dr. Nicholas Dixon  
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