

Special Issue

New Advances on Helicobacter pylori Research

Message from the Guest Editors

The development of anti-*H.pylori* treatment strategies remain a challenge due its high antibiotic resistance; the WHO listed this bacterium among the pathogens for which increasing antibiotic resistance represents a serious threat for human health. In addition, *H. pylori* is able to evade and manipulate the host immune system and establish chronic infection, producing biofilms and entering into a dormant state, inducing a tolerant state against antimicrobial drugs. Innovative therapies are thus needed, such as natural substances associated with drugs commonly used in therapy which demonstrate a capability to act as antibiotic resistance breakers, probiotics, human-derived- peptides and photodynamic therapy, which are well- described in the literature. Topics of interest include, but are not limited to, the following:

- Antibiotic resistance breakers in *H. pylori* treatment;
- New strategies against *H. pylori* biofilms and dormancy state;
- New synergic natural compounds/antibiotic association in *H. pylori* treatment

Guest Editors

Dr. Mara Di Giulio

Dr. Silvia Di Lodovico

Dr. Alberto Antonelli

Deadline for manuscript submissions

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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