

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

closed (31 March 2023)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Prof. Dr. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
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Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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