

Special Issue

Short and Long-Term Profound Acid Inhibition: Indications and Concerns

Message from the Guest Editor

The gastric juice is a unique combination of a very strong acid (regulated by gastrin) and a proteolytic enzyme (pepsin). Only the mucosa of the stomach and duodenal bulb can withstand chronic exposure to gastric juice. Its main function is destruction of swallowed microorganisms. Gastric acidity is central in the pathogenesis of peptic ulcer and reflux oesophagitis. Inhibitors of acid secretion heal lesions due to exposure to gastric juice, but may cause side-effects (infections due to microorganisms reaching the gut and hypergastrinemia predisposing to gastric tumours). This issue will focus on indications and concerns related to inhibitors of acid secretion.

Guest Editor

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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.

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