



Advances in the Detection and Screening of Gastric Cancer

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Message from the Guest Editor

Dear Colleagues,

The burden of the gastric cancer could be decreased either by spotting cancer at an early, ideally precancerous stage or by timely eradication of *H. pylori* infection, the major cause of gastric cancer. Screening for cancer via endoscopy or photophluoroscopy is included in nationwide programs in Japan and Korea, and a number of other countries are in the process of implementing preventive programs. Non-invasive testing for gastric cancer or precancerous lesions has been at the focus of researchers for decades. In addition to traditional biomarkers, such as pepsinogens and gastrin-17, as well as markers for autoimmunity, the role of potential new approaches, including volatile organic compounds in breath, has shown promise. Furthermore, large data and artificial intelligence are expected to change the mentality in medicine, including also in gastric-cancer-related aspects.

Therefore, with the current issue, we aim to present the current status in various aspects of gastric cancer screening and prevention and provide an update on screening programs, as well as the summary of the currently ongoing major studies globally.





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