



Diagnosis and Management of Gastrointestinal Inflammation

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Message from the Guest Editor

The process of inflammation of the digestive tract with its clinical, laboratory, endoscopic, histopathological assessment, complemented by all kinds of molecular biology and genetic methods, plays a key role both in early diagnosis, monitoring, and prognosis and as a target for personalized therapy. It is this link reflux-esophagitis progression to Barrett's esophagus and associated adenocarcinoma, as well as the risk of gastritis progression to gastric cancer. The increased risk of colorectal cancer among patients with inflammatory bowel disease is a fundamental topic in the discussion around the general biological phenomenon "from inflammation to cancer". Inflammation with reduced resistance of the mucosal barrier in COVID-19 infection is associated with the formation of systemic inflammation with the realization of an interaction along the intestine–liver–lung axis, as well as with the possible involvement of inflammation of the digestive tract, including autoimmune genesis. Finally, a number of systemic diseases target digestive organs, making multidisciplinary consideration of various aspects of gastrointestinal inflammation necessary.





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