

Special Issue

Molecular Mechanisms of Esophageal Inflammation, Injury, and Repair

Message from the Guest Editor

Esophageal disorders continue to exert a significant burden globally. While endoscopic, surgical, and increasingly, medical therapies are available, there continue to be gaps in treatment, driven in part by ongoing lack of understanding of disease pathogenesis. In this issue we will present emerging research on mechanisms related to gastroesophageal reflux disease (GERD), eosinophilic esophagitis (EoE), achalasia, and esophageal malignancy.

GERD is a multifactorial disorder and its complications of severe esophagitis, refractory peptic strictures, and Barrett's esophagus (BE) are of ongoing concern. In this special issue, mechanisms mediating pathogenesis and optimizing response to therapy will be presented. Interestingly, role of host microbiota in the human esophagus and changes in setting of esophageal cancer as well in GERD and EoE are under investigation. Research investigating dysbiosis and the potential role in the pathogenesis of these disorders will be presented.

Guest Editor

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Deadline for manuscript submissions

closed (20 December 2025)



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