

Special Issue

Bacteria and Esophageal Cancer

Message from the Guest Editor

Dear Colleague,

Bacteria are emerging as a key co-factor in the development of esophageal cancer. Alterations to the tissue-associated microbiome have been described in Barrett's esophagus, esophageal adenocarcinoma and esophageal squamous cell cancer. But a huge gap in knowledge remains in understanding of mechanisms by which bacteria promote the development of esophageal cancer, the role of bacteria in treatment response and clinical outcomes in esophageal cancer, and how exposures influence esophageal microbiome composition with regard to cancer formation. This project aims to summarize roles of bacteria in esophageal cancer. Topics include: bacteria or their metabolites that promote the development of esophageal cancer; mechanisms of bacterial-induced carcinogenesis; bacteria that impact outcomes in patients with esophageal cancer; microbiome-targeted therapies to lower the risk or improve outcomes in esophageal cancer; the oral microbiome as a biomarker for esophageal cancer; links between oral health, microbiome composition, and esophageal cancer; factors that influence esophageal microbiome composition.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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