Special Issue

Artificial Intelligence in Gastrointestinal Disease: Diagnosis and Management in 2025

Message from the Guest Editors

Gastrointestinal disease (GID), the disease of the gastrointestinal tract, is one of the main contributors to disease burden around the world. GID causes 8 million deaths around the world per year and cost USD 120 billion in the United States in 2018 alone. Simultaneously, the notion of artificial intelligence (AI) has gained great attention on a global level. This Special Issue is expected to demonstrate the effectiveness and popularity of AI as a cutting-edge approach to the diagnosis and management of GID. This Special Issue is designed to cover a wide range of important topics including the classification, detection, and segmentation of gastrointestinal cancer and inflammatory bowel disease. The Special Issue is intended to address the utility of endoscopic AI, explainable AI, and large language models as well.

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