



Diagnosis and Treatment of Acute Pancreatitis

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Message from the Guest Editors

This Special Issue aims to consolidate current knowledge and recent advancements in the diagnosis and treatment of acute pancreatitis. It will provide a platform for discussing innovative research, clinical practices and future directions in managing this disease and its complications.

Molecular Mechanisms and Biomarkers: Analysis of the molecular pathways involved in the onset and progression of acute pancreatitis, and identification of potential novel biomarkers for prognosis.

Imaging Techniques: Advances in imaging modalities such as endoscopic ultrasound (EUS), magnetic resonance imaging (MRI) and computed tomography (CT) that improve diagnosis and treatment.

Therapeutic Interventions: Development and evaluation of endoscopic or minimally invasive procedures to improve patient treatment when intervention is required.

Gut Microbiota: Investigating the role of gut microbiota in acute pancreatitis and potential therapeutic implications of microbiome modulation.

Artificial Intelligence and Machine Learning: Utilization of AI and machine learning algorithms to predict disease severity, guide clinical decision-making and personalize treatment approaches.





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