



Diagnosis, Pathogenesis and Treatment of Pancreatic Ductal Adenocarcinoma

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Message from the Guest Editors

Pancreatic ductal adenocarcinoma (PDAC) is the most common form of pancreatic cancer, originating from the epithelial cells of the main pancreatic duct.

The pathogenesis of PDAC is not fully understood, but includes various risk factors such as genetic predisposition, chronic pancreatitis, smoking, obesity, and diabetes. Genetic mutations play a significant role in the development of PDAC, with KRAS, TP53, and CDKN2A among the most commonly altered genes.

Treatment for PDAC depends on the stage of the cancer and the patient's overall health status. Early stage disease may be treated with surgical resection, while later stages or metastatic PDAC might require chemotherapy, radiation therapy, or targeted therapy. Novel treatment approaches, such as immunotherapy and personalized medicine, are being explored in order to improve patient outcomes.

This Special Issue aims to provide an overview of the advancements in preclinical and clinical practices in the field of the treatment of PDAC. We invite authors to submit original research and review articles focusing on this important topic.





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Message from the Editor-in-Chief

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