

Special Issue

Molecular Approaches in Early Detection and Targeted Therapies for Pancreatic Cancer

Message from the Guest Editor

Dear colleagues,

Pancreatic cancer remains one of the most lethal malignancies, with an overall five-year survival rate of approximately 11% and projected to become the second leading cause of cancer death by 2030. Late diagnosis, with only 10–15% of patients presenting with resectable disease, emphasizes the urgent need for innovative molecular detection strategies across all pancreatic cancer subtypes.

Molecular approaches have shown great promise in addressing these challenges. Recent advances in multi-omics technologies, understanding of tumor–stroma interactions, and tumor immune microenvironment are enabling the discovery of novel biomarkers for early diagnosis, elucidating key oncogenic pathways, and facilitating the development of targeted therapies that disrupt specific oncogenic pathways and tumor microenvironment components.

This Special Issue welcomes papers focusing on molecular strategies for the early detection and personalized treatment of pancreatic cancer. We seek contributions that advance our understanding of pancreatic cancer molecular pathogenesis and accelerate the development of clinically meaningful diagnostic and therapeutic innovations.

Guest Editor

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Message from the Editor-in-Chief

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