

## Special Issue

# Pancreatic Cancer Heterogeneity and Therapeutic Implications

### Message from the Guest Editor

Dear colleagues, Pancreatic ductal adenocarcinoma (PDAC) is an extremely aggressive cancer with an abysmal prognosis and a 5-year overall survival of 9%. The only potential cure is surgery, but few patients present with resectable tumors at the time of diagnosis, which is often delayed by the vagueness of symptoms and the lack of specific clinical markers for early stages of PDAC. PDAC is also among the most chemoresistant cancers. Major obstacles to the effective treatment of patients with pancreatic cancer are its high heterogeneity translated in a diverse pattern of clinical outcomes and responses to therapies. There is a remarkably high histological heterogeneity between the PDAC tumors (intertumoral heterogeneity), but also within a single tumor (intratumoral heterogeneity). We welcome original and review papers that focus on the recent advances in the field of pancreatic cancer research, covering but not limited to 1) molecular insights of PDAC heterogeneity, 2) molecular mechanisms of innate and acquired resistance to therapy 3) characterization of tumor-stroma crosstalk and 4) potential novel targeted therapies. *Guest Editor*

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 January 2024)



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### Message from the Editor-in-Chief

*Biomedicines* (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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