



Pathogenesis of Pancreatic Cancer

Guest Editor:

Prof. Dr. Marco Falasca

Department of Medicine and
Surgery, University of Parma, Via
Volturno, 39, 43125 Parma, Italy

Deadline for manuscript
submissions:

closed (30 November 2018)

Message from the Guest Editor

Dear Colleagues,

Pancreatic ductal adenocarcinoma (PDAC) is still one of the most aggressive and lethal malignancy in Western countries. PDAC cells are characterised by a tendency to infiltrate into the endothelium basement membrane and neurons and to propagate speedily to distant organs through the lymphatic system, causing metastasis. At molecular level, it is known that the activation of oncogenes, such as KRAS and NOTCH, and the blocking of tumour suppressor genes like p16, p53, SMAD4 and PTEN, are involved in the initiation and advancement of this disease. In addition, various cell signalling pathways, such as EGFR, Akt and NF- κ B, have been found to be disrupted, contributing to PDAC evolution. Despite all these advances in the understanding of the molecular pathogenesis of PDAC, further insight in the knowledge of this disease and new efficacious therapeutic strategies are urgently required in order to improve the outcomes for PDAC patients.

The keywords of this special issue include: pancreatic cancer; pancreatic ductal enocarcinoma; molecular pathogenesis; chemotherapy; metastasis; cancer biology

Prof. Dr. Marco Falasca

Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

Diseases is an international, peer-reviewed, open access, multidisciplinary journal that focuses on the latest outstanding research concerning diseases and conditions. Research articles, reviews, and other contents are released on the Internet immediately after acceptance. This journal aims to cover international conferences and symposia as new targets.

Diseases is increasingly gaining acceptance and visibility within scholars, and after only a few years of life, *Diseases* is now also covering specific topics with dedicated special issues. We would be pleased to welcome you as one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High visibility: indexed within Scopus, ESCI (Web of Science), PubMed, PMC, CAPlus / SciFinder, and other databases.

Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.8 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2023).

Contact Us

Diseases Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/diseases
diseases@mdpi.com
X@Diseases_MDPI