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MOLECULAR ALTERATIONS IN PANCREATIC TUMORS

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Molecular alterations and targeted therapy in pancreatic ...
https://pubmed.ncbi.nlm.nih.gov/33008426

Pancreatic ductal adenocarcinoma (PDAC) is a malignancy characterized by a poor prognosis and high mortality rate. Genetic mutations and **altered molecular** pathways serve as targets in precise therapy. Using next-generation sequencing (NGS), these **aberrant alterations** ...

Author: Yunzhen Qian, Yitao Gong, Zhiyao Fa... **Publish Year:** 2020

The landscape of molecular alterations in pancreatic and ...
https://www.ncbi.nlm.nih.gov/pubmed/31072588

The latter, conversely, have a wide spectrum of aggressiveness and **molecular alterations**. Knowledge on their biology has recently expanded thanks to high-throughput studies focused on two important groups of well-differentiated neuroendocrine neoplasms: **pancreatic** (PanNETs) and small intestinal (SiNETs) **tumours**.

Cited by: 14 **Author:** Aldo Scarpa
Publish Year: 2019

[PDF] Genetics and Molecular Alterations in Pancreatic Cancer
https://oncologypro.esmo.org/content/download/...

Genetics and **Molecular Alterations** in **Pancreatic Cancer** ESMO World GI Congress July 3rd, 2019 Eileen M. O'Reilly, MD Winthrop Rockefeller Chair in Medical Oncology Associate Director, David M. Rubenstein Center **Pancreas** Research Section Head, Hepatopancreaticobiliary & ...

Genetic and molecular alterations in pancreatic cancer ...
https://www.ncbi.nlm.nih.gov/pmc/articles/pmid/24172537

Molecular Targets in **Pancreatic Cancer**. As mentioned above, the KRAS mutation is present in more than 90% of **pancreatic cancers**. The role of KRAS in **pancreatic cancer** has been further supported by the development of mouse models carrying the KrasG12D mutation, with or without inactivation of **tumor** suppressor gene p53 [39,40,77,78].

Cited by: 28 **Author:** Yantian Fang, Qizhi Yao, Zongyou Chen, ...
Publish Year: 2013

The landscape of molecular alterations in pancreatic and ...
https://www.sciencedirect.com/science/article/pii/S0003426619300629

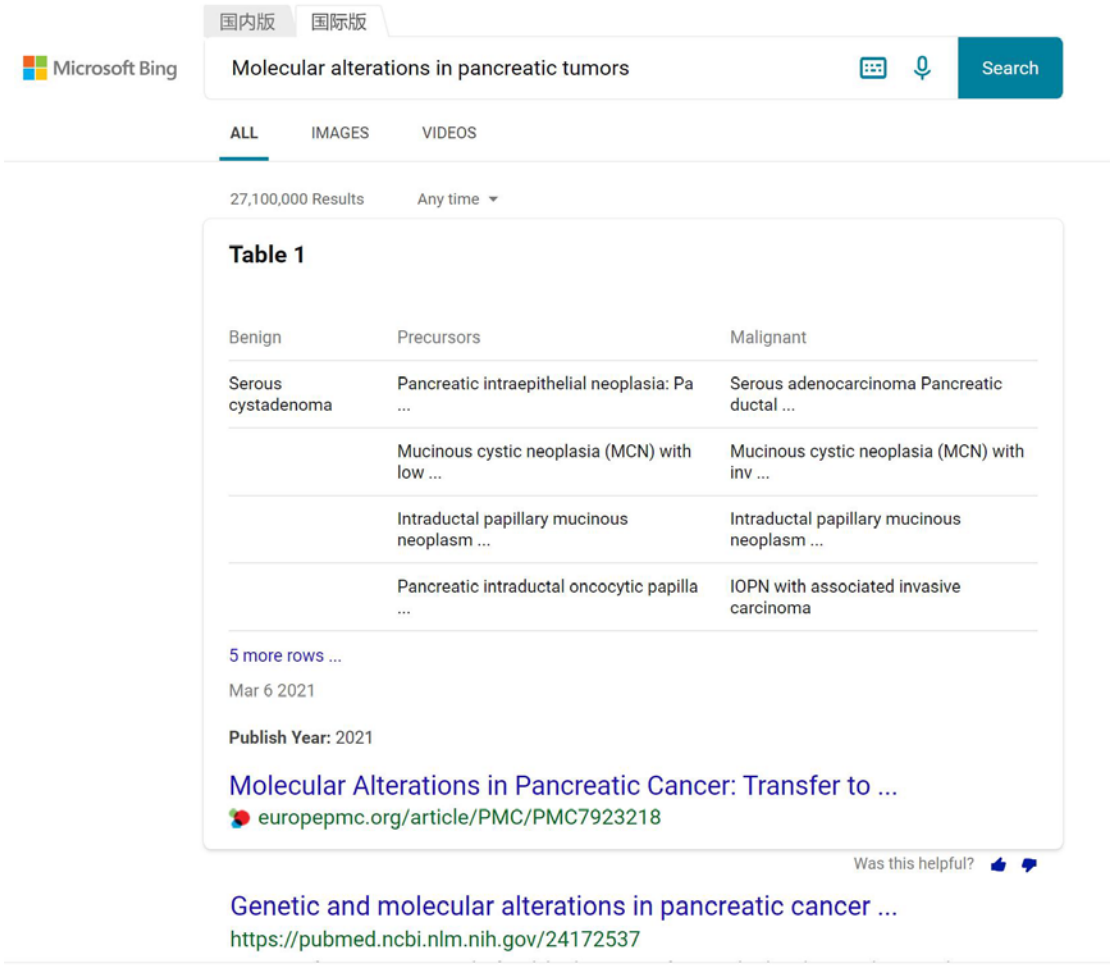
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Table 1
Benign
Precursors
Malignant
Serous cystadenoma
Pancreatic intraepithelial neoplasia: Pa ...
Serous adenocarcinoma Pancreatic ductal ...
Mucinous cystic neoplasia (MCN) with low ...
Mucinous cystic neoplasia (MCN) with inv ...
Intraductal papillary mucinous neoplasm ...
Intraductal papillary mucinous neoplasm ...
Pancreatic intraductal oncocytic papilla ...
IOPN with associated invasive carcinoma
5 more rows ...
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Molecular Alterations in Pancreatic Cancer: Transfer to ...
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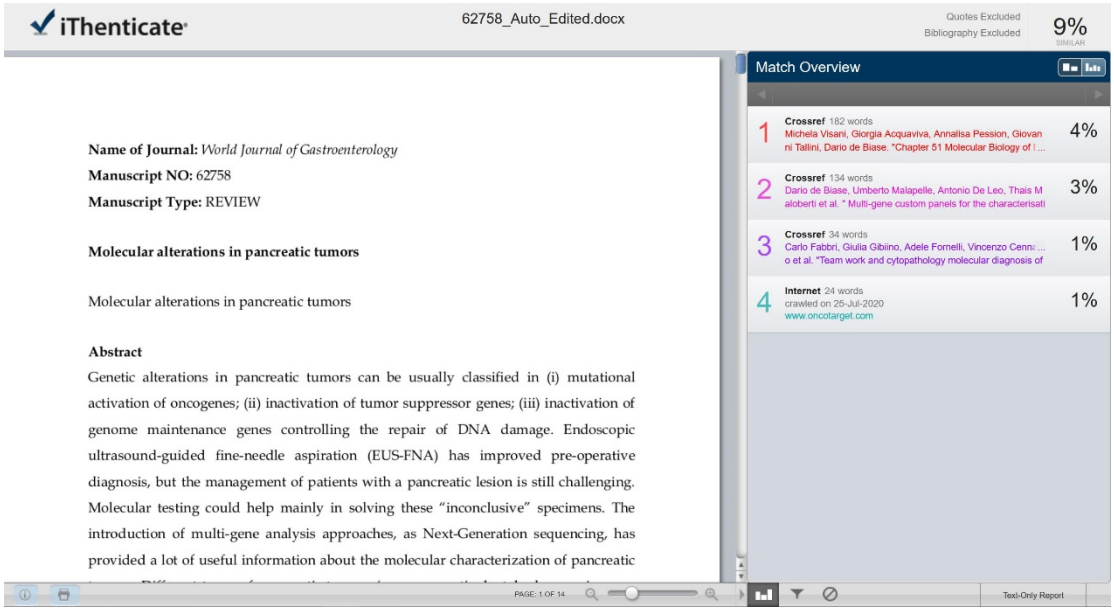

Name of Journal: *World Journal of Gastroenterology*
Manuscript NO: 62758
Manuscript Type: REVIEW

Molecular alterations in pancreatic tumors

Molecular alterations in pancreatic tumors

Abstract

Genetic alterations in pancreatic tumors can be usually classified in (i) mutational activation of oncogenes; (ii) inactivation of tumor suppressor genes; (iii) inactivation of genome maintenance genes controlling the repair of DNA damage. Endoscopic ultrasound-guided fine-needle aspiration (EUS-FNA) has improved pre-operative diagnosis, but the management of patients with a pancreatic lesion is still challenging. Molecular testing could help mainly in solving these "inconclusive" specimens. The introduction of multi-gene analysis approaches, as Next-Generation sequencing, has provided a lot of useful information about the molecular characterization of pancreatic

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Molecular alterations in pancreatic tumors

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Table 1

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Genetic and molecular alterations in pancreatic cancer ...

https://pubmed.ncbi.nlm.nih.gov/24172537

In a case of pancreatic cancer, the fourth leading cause of cancer death in the United States, alteration in many genes as well as molecular profiles in blood, **pancreas** tissue, and **pancreas** juice has recently been discovered to be closely associated with **tumorigenesis** or prognosis of the cancer. This review aims to summarize recent advances of important genes, proteins, and microRNAs that play a critical ...

Cited by: 29 **Author:** Yantian Fang, Qizhi Yao, Zongyou Chen, ...

Publish Year: 2013

Molecular Alterations in Pancreatic Cancer: Transfer to ...