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**Manuscript NO:** 64031

**Manuscript Type:** MINIREVIEWS

**Autoimmune pancreatitis and pancreatic cancer: Epidemiological aspects and immunological considerations**

Autoimmune pancreatitis and pancreatic cancer.

**Abstract**

Ordinary chronic pancreatitis is a well-known risk factor for pancreatic cancer, whereas such an association with autoimmune pancreatitis is widely debated. Due to the rarity of the latter disorder, there are few specific clinical and epidemiological studies investigating the relation between autoimmune pancreatitis and pancreatic cancer, which do not seem to support it. However, these studies are affected by several limitations and, therefore, a link between autoimmune pancreatitis (and, in detail, type 1) and pancreatic cancer cannot be ruled out definitively on this basis. Moreover,

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**[Pancreatitis and Pancreatic Cancer - Gastroenterology](#)**[https://www.gastrojournal.org/article/S0016-5085\(19\)34650-5/fulltext](https://www.gastrojournal.org/article/S0016-5085(19)34650-5/fulltext)

Mar 30, 2019 - This special issue of Gastroenterology is devoted to "Pancreatitis and Pancreatic Cancer" and discusses the current state of knowledge on these two major diseases affecting this organ. Pancreatitis continues to be one of the most common causes of hospitalization among all gastrointestinal diseases, with a significant morbidity, mortality and economic burden.<sup>1</sup> The incidence of



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### NOD mice, susceptible to pancreatic autoimmunity ...

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## Pancreatic cancer in patients with autoimmune pancreatitis ...

<https://www.sciencedirect.com/science/article/pii/S1424390321001010>

Mar 18, 2021 · Evidence for the association between chronic **pancreatitis** and **pancreatic cancer** is more compelling in some subtypes of chronic **pancreatitis**, such as tropical and hereditary **pancreatitis** .

**Autoimmune pancreatitis** (AIP) is a rare clinical disorder accounting for less than 6% of all patients with chronic **pancreatitis** and approximately 9% of ...

**Author:** Peter Macinga, Lukas Bajer, Marco Del ... **Publish Year:** 2017

## NOD mice, susceptible to pancreatic autoimmunity ...

<https://www.ncbi.nlm.nih.gov/pubmed/29113292>

Sep 24, 2017 · Due to the rarity and late diagnosis of **pancreatic cancer** direct **epidemiological** evidence is lacking, thus necessitating a reliance on animal models. Here we investigated the relationship between **pancreatic** autoimmunity and **cancer** by backcrossing the well characterised Ela1-Tag transgenic model of **pancreatic cancer** onto the **pancreatic autoimmune** susceptible NOD mouse strain.

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## Distinguishing Pancreatic Cancer from Autoimmune Pancreatitis

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Moreover, main **pancreatic** duct stricture without dilation was detected in **autoimmune pancreatitis** patients, 8,31,[35][36] [37] 39 and the main **pancreatic** duct was dilated in 69.2% of **pancreatic** ...

## The concept of autoimmune pancreatitis and its ...

<https://www.researchgate.net/publication/43100832...>

The aim of the present review is to describe the **epidemiological** and clinical **aspects** of **autoimmune pancreatitis** (AIP), and to report the data existing in the English literature on the usefulness ...