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Basic Study

Impact of hyperglycemia on autoimmune pancreatitis and regulatory T-cells

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Abstract

AIM

The purpose of this study was to evaluate the influence of hyperglycemia on the progression of autoimmune pancreatitis.

METHODS

Hyperglycemia does not aggravate autoimmune pancreatitis and increases the

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IL-2 reverses established type 1 diabetes in NOD mice by a local effect ...

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by Y Grinberg-Bleyer - 2010 - Cited by 270 - Related articles

Low-dose IL-2 **increases** the number of T reg cells in the **pancreas** and induces ... We and others have shown that the $CD4^+CD25^+Foxp3^+$ **regulatory T cells** (T reg ... IL-2 **did not** stimulate the diabetogenic effector T cells (T eff cells) but rather .... The **percentage** of $Foxp3^+$ cells among $CD4^+$ cells in the **spleen**, PLN, and ...

Abstract · RESULTS AND DISCUSSION · MATERIALS AND METHODS

Autoimmune pancreatitis - NCBI - NIH

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3364658/

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Even though the treatment of **autoimmune pancreatitis** is available with a ... pancreatitis can also **cause** a wide variety of symptoms that tend to occur as a ... **autoimmune pancreatitis**, it was now studied the number of **regulatory T cells** in the pancreas ... However, established diagnostic criteria of AIP **do not** reflect the entire ...

Intestinal type 1 regulatory T cells migrate to periphery to suppress ...

www.pnas.org/content/114/39/10443.figures-only

Sep 26, 2017 - Intestinal type 1 **regulatory T cells** migrate to periphery to suppress ... Tr1 cells **are** generated within small intestine after anti-CD3 treatment. ... **Percentages** and numbers of $CD4^+Foxp3^-IL\text{-}10^+$, ... Tr1 (red line) and **non**-Tr1 (blue line) cells isolated from intestine, **spleen**, and mesenteric lymph node (MLNs).

T Cell Islet Accumulation in Type 1 Diabetes Is a Tightly Regulated ...

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2017年9月29日 - ... Regulatory T Cells in Autoimmune Type 1 Diabetes. Lu J(1) ... Now, emerging evidence suggests that pancreatic-resident forkhead box P3+ Tregs have distinguishable effects on the suppression of over-exuberant immune ...

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Regulatory T Cells in Type 1 Autoimmune Pancreatitis - Hindawi

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作者：K Uchida - 2012 - 被引用次数：21 - 相关文章

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Immune mechanisms in type 1 diabetes - Cell Press