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### IL-17 and IL-22 in immunity: Driving protection and pathology. - NCBI

<https://www.ncbi.nlm.nih.gov/pubmed/28295238> - 翻译此页

作者: K Eyerich - 2017 - 被引用次数: 34 - 相关文章

1. Eur J Immunol. 2017 Apr;47(4):607-614. doi: 10.1002/eji.201646723. ... **IL-17** and IL-22 are tissue-signaling cytokines that favor **protection** and regeneration of barrier organs such **as** the skin, lung, and ... An imbalance of the carefully orchestrated tissue-signaling system might result in **autoimmune** diseases, promote ...

缺少字词: unexpected alliance syndecan innate i effects

### Innate and Adaptive Immunity Synergize to Trigger Inflammation in the ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4839698/> - 翻译此页

作者: P Rainard - 2016 - 被引用次数: 7 - 相关文章

2016年4月21日 - We postulated that **innate** and adaptive immune responses could synergize ... **IL-17A** is produced by several cell types, including helper **T cells** that are .... I. **Effect** of antigen injection into the vaccinated and unvaccinated glands. ... of the exopolysaccharide specific antibody production in the **protection** from ...

缺少字词: alliance syndecan autoimmune

### Biological effects of IL-21 on different immune cells and its role in ...

<https://www.ncbi.nlm.nih.gov/pubmed/26466984> - 翻译此页

作者: T Gharibi - 2016 - 被引用次数: 40 - 相关文章

2015年10月1日 - Gharibi T(1), Majidi J(2), Kazemi T(2), Dehghanzadeh R(2), Motallebnezhad ... **IL-21** also affects different subtypes of **T cells** including T helper-**17 (TH17)**, ... of **IL-21** has therapeutic **effects** on various **autoimmune** diseases in animal models. ... Cell Differentiation; Clinical Trials **as** Topic; Dendritic Cells/drug ...

缺少字词: unexpected alliance syndecan innate protect

### Mandy J McGeachy's research works | University of Pittsburgh, PA (Pitt ...

[https://www.researchgate.net/scientific-contributions/39384274\\_Mandy\\_J\\_McGeachy](https://www.researchgate.net/scientific-contributions/39384274_Mandy_J_McGeachy)

IL-36 and IL-1/IL-17 Drive Immunity to Oral Candidiasis via Parallel Mechanisms ... **Protection** against

Name of Journal: *World Journal of Diabetes*

Manuscript NO: 41940

Manuscript Type: MINIREVIEWS

Unexpected alliance between syndecan-1 and innate-like T cells to protect host from autoimmune effects of interleukin-17

Jaiswal AK *et al.* Sdc-1 controls IL17 production

Anil Kumar Jaiswal, Mohanraj Sadasivam, Abdel Rahim A Hamad

#### Abstract

Innate-like T cells, namely natural killer T (NKT) and  $\gamma\delta$  T cells, play critical roles in linking innate and adaptive immune responses through rapid production of cytokines. Prominent among these cytokines is interleukin-17 (IL-17), which is a potent proinflammatory cytokine that plays a critical role in host defense against fungi and extracellular bacteria. However, excessive IL-17-production promotes autoimmune diseases, including psoriasis, multiple sclerosis, rheumatoid arthritis, inflammatory bowel disease, and systemic lupus erythematosus. IL-17 has also been implicated in regulating body fat, which is highly relevant given rises in obesity and type 2 diabetes. NKT cells,  $\gamma\delta$  T cells and mucosal-associated invariant T cells (MAIT) are the major sources of IL-17 involved in protection of mucosal surfaces from opportunistic infections and causing autoimmunity when become dysregulated. Given the pathogenic effects of IL-17, efforts have been directed towards understanding mechanisms that guard against IL-17 overproduction. One novel potent mechanism is mediated by the heparan sulfate proteoglycan,

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7	Crossref Cai, Y.. "Pivotal Role of Dermal IL-17-Producing $\alpha\beta$ T Cells in Skin Inflammation", <i>Immunity</i> , 2011:1028	14 words	1%
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### Syndecan-1 Attenuates Lung Injury during Influenza Infection by ...

[europepmc.org/articles/pmc4970595](https://europepmc.org/articles/pmc4970595) - 翻译此页

作者: R Brauer - 2016 - 被引用次数: 12 - 相关文章

2016年8月1日 - FULL TEXT Abstract: **Syndecan-1** is a **cell** surface heparan sulfate proteoglycan ... We show that **syndecan-1** regulates the lung epithelial **innate** immune ... on the **cell** membrane to modulate cellular signaling and function (17). .... thereby limiting widespread lung injury and **protecting** the **host** from death.

### Pathogenesis of Human Systemic Lupus Erythematosus: A Cellular ...

<https://europepmc.org/articles/pmc5650102> - 翻译此页

作者: VR Moulton - 2017 - 被引用次数: 37 - 相关文章

2017年6月13日 - SLE afflicts mostly women [1] in which the **autoimmune** response is directed ... The disease is significantly more prevalent **among** African, Asian, Hispanic ... Recent work has also shed light on various **innate** immune **cell** players ..... type 17 T helper (Th17) **cell** subsets, increased production of **interleukin 17** ...

### How Cytokine networks fuel inflammation: Interleukin-17 and a tale of ...

<https://www.ncbi.nlm.nih.gov/pubmed/23836225> - 翻译此页

作者: DL Baeten - 2013 - 被引用次数: 63 - 相关文章

1. Nat Med. 2013 Jul;19(7):824-5. doi: 10.1038/nm.3268. How Cytokine networks fuel inflammation: **Interleukin-17** and a tale of two **autoimmune** diseases.

缺少字词: unexpected alliance syndecan innate like t cells protect host effects

### A common autoimmunity predisposing signal peptide variant of the ...

<https://www.ncbi.nlm.nih.gov/pubmed/12244107> - 翻译此页

作者: S Anjos - 2002 - 被引用次数: 257 - 相关文章

Anjos S(1), Nguyen A, Ounissi-Benkhalha H, Tessier MC, Polychronakos C. ... in the signal peptide of the cytotoxic T-lymphocyte antigen 4 (CTLA-4), a **T-cell** ... a higher ratio of cell surface/total CTLA4Thr(17) versus CTLA4Ala(17) ( $p = 0.01$ ). ... of the **autoimmunity** predisposing Ala allele **as** the explanation for the genetic **effect**.

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