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### *Basic Study*

**IL-6 compared to the other Th17/Treg related cytokines in inflammatory bowel disease and colorectal cancer**

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### **Abstract**

#### **BACKGROUND**

The connection between inflammatory bowel disease (IBD) and colorectal cancer (CRC) is well-established, as persistent intestinal inflammation plays a substantial role in both disorders. Cytokines may further influence the inflammation and the carcinogenesis process

### Match Overview

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## When worlds collide: Th17 and Treg cells in cancer and ...

<https://www.nature.com/articles/s41423-018-0004-4>

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Cited by: 28

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## IL-6 and related cytokines as the critical ... - ScienceDirect

<https://www.sciencedirect.com/science/article/pii/S1044532314000025>

**IL-6** and **related cytokines** as the critical lynchpins between **inflammation** and **cancer**. ... In **colorectal cancer** ... The circulating and intestinal levels of **IL-6** as well as sIL-6R $\alpha$  are increased in patients with **inflammatory bowel disease** (IBD), which includes ulcerative colitis ...

Cited by: 356

Author: Koji Taniguchi, Koji Taniguchi, Koji Tanigu...

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## Recent insights into targeting the IL-6 cytokine family in ...

<https://www.nature.com/articles/s41577-018-0066-7>

Sep 25, 2018 · Here, we discuss the emerging roles for **IL-6** family members in infection, chronic **inflammation**, autoimmunity and **cancer** and review therapeutic strategies designed to manipulate these





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Sep 25, 2018 · Smolen, J. S. et al. Consensus statement on blocking the effects of interleukin-6 and in particular by interleukin-6 receptor inhibition in rheumatoid arthritis and **other inflammatory** ...

Cited by: 89

Author: Simon A. Jones, Brendan J. Jenkins, Bre...

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## [Th17 Cells in Cancer: The Ultimate Identity Crisis](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4060300>

Jun 17, 2014 · Th17 Cell-Mediated **Inflammation** in **Cancer**. **Inflammation** has long been recognized as a mediator of tumor progression in diseases such as **colorectal**, pancreatic (81, 82), and lung **cancer**. This phenomenon is largely based on the continuous cell proliferation and **cytokine** production occurring at sites of **inflammation**.

Cited by: 216

Author: Stefanie R. Bailey, Michelle H. Nelson, Ri...

Publish Year: 2014

## [Vitamin A supplementation reduces the Th17-Treg – Related ...](#)

[www.scielo.br/scielo.php?script=sci\\_arttext&pid=S2359-39972016000100029](http://www.scielo.br/scielo.php?script=sci_arttext&pid=S2359-39972016000100029)

Vitamin A supplementation reduces the **Th17-Treg – Related cytokines** in obese and non-obese women. ... multiple sclerosis and **inflammatory bowel disease** (8, 9). ... possible influence of significant difference in initial concentrations of **cytokines** in obese vitamin A-treated group **compared with other** groups, we analyzed the relative percentile ...

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