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Basic Study

Role of tristetraprolin phosphorylation in paediatric patients with inflammatory bowel disease

Di Silvestre A *et al.* Tristetraprolin in inflammatory bowel disease patients

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Egidio Barbi, Giuliana Decorti

Abstract

BACKGROUND

Match Overview

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Cited by: 64

Author: Branislav R Filipovic, Branka F Filipovic

Publish Year: 2014

Role of angiogenesis in inflammatory bowel disease ...

<https://academic.oup.com/ibdjournal/article/12/6/515/4682695> ▾

Jun 01, 2006 · Soluble selectins, sICAM, sVCAM, and angiogenic proteins in different activity groups of patients with inflammatory bowel disease.

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Author: Ioannis E. Koutroubakis, Georgia Tsiolaki...

Publish Year: 2006

Pharmacogenetics of azathioprine in inflammatory bowel ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3974520>

Apr 07, 2014 · Keywords: Inflammatory bowel disease, Azathioprine, Pharmacogenetics, Glutathione-S-transferase, Pediatric patients Core tip: Polymorphisms of glutathione-S-transferase-M1 may influence azathioprine effects in young patients with inflammatory bowel disease by increasing the drug activation and by modulating oxidative stress and apoptosis.

Cited by: 15

Author: Gabriele Stocco, Marco Pelin, Raffaella F...

Publish Year: 2014

OR3-001 – RIP2 kinase is activated in Blau Syndrome and ...

<https://ped-rheum.biomedcentral.com/articles/10.1186/1546-0096-11-S1-A3> ▾

Nov 08, 2013 · Introduction. For example, increased RIP2 phosphorylation has been observed in inflammatory bowel disease (IBD), although the role of RIP2 in IBD has not been determined. We are developing a first-in-class, highly potent and selective inhibitor of RIP2 kinase, which may provide therapeutic benefit in both Blau and IBD.

Cited by: 3

Author: Kp Foley, B Desai, A Vossenkämper, Ma ...

Publish Year: 2013

Author: KP Foley



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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3974522>

Apr 07, 2014 · Core tip: The involvement of a dysfunction of brain-gut interactions in the pathogenesis of **inflammatory bowel disease** (IBD) is represented by a dysfunction of the autonomic nervous system, an abnormal hypothalamic-pituitary-adrenal axis and cholinergic anti-**inflammatory** pathway, a deleterious effect of stress and depression, an abnormal coupling of the prefrontal cortex-amygdaloid complex ...

Cited by: 63

Author: Branislav R Filipovic, Branka F Filipovic

Publish Year: 2014

Paneth cell defects in Crohn's disease patients promote ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5033844>

Jun 02, 2016 · Introduction. **Crohn's disease** (CD) is a form of **inflammatory bowel disease** (IBD) rooted in environmental triggers of immune dysregulation that occur in genetically susceptible hosts (). There is mounting clinical evidence that environmental factors are critical in CD pathogenesis (). While environmental factors may play a more significant **role** in **patients** who harbor common variants of ...

Cited by: 22

Author: Ta-Chiang Liu, Bhaskar Gurram, Megan T. B...

Publish Year: 2016

The Role of Autophagy and Related MicroRNAs in ...

<https://www.hindawi.com/journals/grp/2018/7565076> ▾

Accumulating evidence demonstrates that microRNA- (miR-) mediated posttranscriptional regulation plays an important **role** in autophagy in **inflammatory bowel disease** (IBD), a **disease** that is difficult to manage clinically because of the associated chronic recurrent nonspecific inflammation. Research indicates that microRNAs regulate autophagy via different pathways, playing an important **role** in ...

Cited by: 2

Author: Shiyuan Wang, Yan Huang, Cili Zhou, Huan...

Publish Year: 2018

Role of MiRNAs in Inflammatory Bowel Disease | SpringerLink

<https://link.springer.com/article/10.1007/s10620-017-4567-1> ▾

Pierdomenico M, Cesi V, Cucchiara S, et al. NOD2 is regulated by mir-320 in physiological conditions but this control is altered in inflamed tissues of **patients with inflammatory bowel disease**. *Inflamm Bowel Dis* . 2016;22:315–326.

Cited by: 8

Author: Bo Cao, Xin Zhou, Jiaojiao Ma, Wei Zhou, ...

Publish Year: 2017

Association between Helicobacter pylori infection and ...

<https://onlinelibrary.wiley.com/doi/full/10.1002/ibd.21116>

Inflammatory Bowel Disease

Medical Condition

Image for Condition

A group of intestinal disorders that cause inflammation of the digestive tract.

- Common (More than 200,000 cases per year in US)
- Often requires lab test or imaging
- Treatments can help manage condition, no known cure
- Can be lifelong

IBD is said to be the result of autoimmune reactions. Inflammatory bowel disease (IBD) presents as Crohn's disease or ulcerative colitis. It may be characterized by diarrhea, abdominal pain and cramping, tiredness, and weight loss. Anti-inflammatory drugs play an important role in the treatment. Surgery is sometimes performed.

Symptoms

Symptoms may vary from mild to severe and include:

- Diarrhea
- Fever
- Fatigue
- Blood in stool
- Bleeding ulcers
- Stomach pain