

12

Name of Journal: *World Journal of Gastroenterology***Manuscript NO:** 59574**Manuscript Type:** ORIGINAL ARTICLE*Retrospective Study*

Apolipoprotein E variants correlate with the clinical presentation of ¹paediatric inflammatory bowel disease: A cross-sectional study

Aleksandra Glapa-Nowak, Mariusz Szczepanik, Barbara Iwańczak, Jarosław Kwiecien, Anna Barbara Szaflarska-Popławska, Urszula Grzybowska-Chlebowczyk, Marcin Osiecki, Marcin Dziekiewicz, Andrzej Stawarski, Jarosław Kierkus, Tomasz Banasiewicz, Aleksandra Banaszkiewicz, Jarosław Walkowiak

Abstract**BACKGROUND**

It has been suggested that apolipoprotein E (APOE) polymorphisms are

Match Overview

1	Internet 96 words crawled on 26-Dec-2020 www.mdpi.com	1%
2	Crossref 69 words Aleksandra Glapa-Nowak, Anna Bukowska-Posadzy, Mariusz Szczepanik, Jarosław Kwecień et al. "Subjective Psych	1%
3	Internet 39 words crawled on 08-Jul-2016 www.wjgnet.com	1%
4	Internet 34 words crawled on 29-Jan-2021 www.dovepress.com	<1%
5	Crossref 21 words Laia Jofre-Monseny. "Impact of apoE genotype on oxidativ ... stress, inflammation and disease risk", <i>Molecular Nutrition</i>	<1%
6	Crossref 18 words Hongliang Zhang, Li-Min Wu, Jiang Wu. "Cross-Talk betw ... n Apolipoprotein E and Cytokines", <i>Mediators of Inflammatio</i>	<1% 1.2K/s 5.4K/s 51%
7	Internet 17 words crawled on 17-Feb-2021 doczz.net	<1%
8	Crossref 16 words Gurram, Bhaskar, Nita H. Salzman, Mary L. Kaldunski, Shu ang Jia, B. U.K. Li, Michael Stephens, Manu R. Sood, and M	<1%

Apolipoprotein E variants correlate with the clinical presentation of



ALL

IMAGES

VIDEOS

86,100 Results

Any time ▾

Association between APOE4 and biomarkers in cerebral ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6536544>

Farrer LA, et al. Effects of age, sex, and ethnicity on the association between **apolipoprotein E** genotype and Alzheimer **disease**. A meta-analysis. APOE and Alzheimer **Disease** Meta Analysis Consortium. JAMA. 1997; 278:1349–1356. doi: 10.1001/jama.1997.03550160069041. [Google ...

Author: Paul J. Orchard, Todd W. Markowski,... **Publish Year:** 2019

Application of Proteomics to Inflammatory Bowel Disease ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6350533>

1. Introduction. IBD is an idiopathic chronic condition of unknown aetiology with an **inflammatory** gut response to unidentified triggers. It broadly encompasses two major **disease** categories, namely, ulcerative colitis and Crohn's **disease**, with a relapsing and remitting course.

Cited by: 3 **Author:** Arash Assadsangabi, Arash Assadsang...

Publish Year: 2019

Studies of Gene Variants Related to Inflammation ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3136190>

The present **study** aimed to review the relation between diet and SNPs that impact on inflammation (PPAR- γ , Tumor Necrosis Factor alpha (TNF- α), interleukin (IL)-1, IL-6), oxidative status (glutathione peroxidases (GPX) 1, 2 and 4, and selenoprotein P) and lipoprotein metabolism (**apolipoprotein** (Apo) A1, Apo A2, Apo A5, Apo E).

Cited by: 80 **Author:** Maira Ladeia R. Curti, Patrícia Jacob, M...

Publish Year: 2011

Immunoregulatory Pathways Involved in Inflammatory Bowel ...

<https://academic.oup.com/ibdjournal/article/21/9/2188/4579502> ▾

Jun 24, 2015 · **Inflammatory bowel disease** (IBD), including ulcerative colitis (UC) and Crohn's **disease** (CD), is a chronic **inflammatory** disorder of unknown etiology. Genetic, environmental, and immunological factors have been involved in the development of chronic inflammation of the gut 1 ;

Apolipoprotein E variants correlate with the clinical presentation of



ALL

IMAGES

VIDEOS

64,700 Results

Any time ▾

Association between APOE4 and biomarkers in cerebral ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6536544>

Apolipoprotein E (ApoE) is a major lipoprotein found in the plasma via liver secretion and is also found in the CSF secreted by astrocytes 5. The genetic polymorphisms of APOE are APOE2 , APOE3 (the most common allele with an allele frequency of 75%), and APOE4 6 .

Cited by: 3**Author:** Paul J. Orchard, Todd W. Markowski, ...**Publish Year:** 2019

Two Alzheimer's disease risk genes increase entorhinal ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4186290>

Alzheimer's disease (AD) risk genes alter brain structure and function decades before disease onset. **Apolipoprotein E** (APOE) is the strongest known genetic risk factor for AD, and a related gene, **apolipoprotein J** (APOJ), also affects disease risk. However, the extent to which these genes affect brain structure in young adults remains unclear.

Cited by: 12**Author:** Amanda Marie DiBattista, Benson W. ...**Publish Year:** 2014

Images of Apolipoprotein E Variants Correlate With The Clinic...

<bing.com/images>

Alzheimer's path	Score	Alzheimer's	Alzheimer's
Score	(1) Score increased	(2) Score decreased	(3) Score increased
Alzheimer's path	Score	Alzheimer's	Alzheimer's
Alzheimer's path	Score	Alzheimer's	Alzheimer's
Alzheimer's path	Score	Alzheimer's	Alzheimer's
Alzheimer's path	Score	Alzheimer's	Alzheimer's
Alzheimer's path	Score	Alzheimer's	Alzheimer's
Alzheimer's path	Score	Alzheimer's	Alzheimer's
Alzheimer's path	Score	Alzheimer's	Alzheimer's
Alzheimer's path	Score	Alzheimer's	Alzheimer's
Alzheimer's path	Score	Alzheimer's	Alzheimer's

Ulcerative Colitis: Differential Diagnosis

- Infection
 - Salmonella, shigella, campylobacter, amebiasis, etc.

Ischemia

Radiation

Vasculitis

Ulcerative Colitis – Clinical Features

Presents with bloody diarrhea

- Majority have limited left-sided disease
- Majority constitutionally well
- Majority safely managed in

ALL

IMAGES

VIDEOS

MAPS

NEWS

SHOPPING

60,400 Results

Any time ▾

Association between APOE4 and biomarkers in cerebral ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6536544>

Farrer LA, et al. Effects of age, sex, and ethnicity on the association between **apolipoprotein E** genotype and Alzheimer **disease**. A meta-analysis. APOE and Alzheimer **Disease** Meta Analysis Consortium. JAMA. 1997; 278:1349–1356. doi: 10.1001/jama.1997.03550160069041. [Google Scholar]

Cited by: 3

Author: Paul J. Orchard, Todd W. Markowski, Le...

Publish Year: 2019

Immunoregulatory Pathways Involved in Inflammatory Bowel ...

<https://academic.oup.com/ibdjournal/article/21/9/2188/4579502> ▾

Jun 24, 2015 · **Inflammatory bowel disease** (IBD), including ulcerative colitis (UC) and Crohn's **disease** (CD), is a chronic **inflammatory** disorder of unknown etiology. Genetic, environmental, and immunological factors have been involved in the development of chronic inflammation of the gut 1 ; many factors and conditions influence the production of cytokines ...

Cited by: 71

Author: Gabriela Fonseca-Camarillo, Jesús K. Y...

Publish Year: 2015

Relationship between Apolipoprotein Superfamily and ...

<https://journals.lww.com/cmj/Pages/articleviewer...>

f potentially modifiable biomarkers in **clinical** practice, is of increasing significance in the diagnosis, evaluation, and prognosis of PD. The present review summarized the current understanding and emerging findings of the relationship between **Apo** superfamily and PD. Data Sources: All literatures were identified by systematically searching PubMed, Embase, and ...

Clinical Usefulness of Proteomics in Inflammatory Bowel ...

<https://academic.oup.com/ecco-jcc/article-abstract/13/3/374/5126442> ▾

Oct 10, 2018 · 1. Introduction. **Inflammatory bowel disease** [IBD], i.e. ulcerative colitis [UC] and Crohn's **disease** [CD], are chronic idiopathic **inflammatory** diseases affecting the gastrointestinal tract, and the pathogenesis of which is the result of altered immunological responses in a genetically susceptible host.

Cited by: 10

Author: Javier P Gisbert, María Chaparro