65115-CrossCheck.docx

Quotes Included Bibliography Included

FAQ

Name of Journal: World Journal of Virology

Manuscript NO: 65115

Manuscript Type: REVIEW

Hypotheses and facts for genetic factors related to severe COVID-19

Kotsev SV et al. Genetics and severe COVID-19

Stanislav Vasilev Kotsev, Dimitrina Miteva, Stanislava Krayselska, Martina Shopova, Maria Pishmisheva-Peleva, Spaska Angelova Stanilova, Tsvetelina Velikova

Abstract

Genomewide association analysis allows the identification of potential candidate genes involved in the development of severe coronavirus disease-2019 (COVID-19). Hence, it seems that genetics matters here, as well. Nevertheless, the virus's nature, including its RNA structure, determines the rate of mutations leading to new viral strains with all epidemiological and clinical consequences. Given these observations, we herein

			SIMILAR
	Ma	tch Overview	
	4		
	1	Internet 374 words crawled on 20-Nov-2020 humgenomics.biomedcentral.com	5%
	2	Crossref 172 words C.W. Cheng, V. Deivasikamani, M.J. Ludlow, D. De Vecch is, A.C. Kalli, D.J. Beech, P. Sukumar " Genetic variants	2%
	3	Crossref 89 words Juan Gómez, Guillermo M. Albaiceta, Elías Cuesta-Llavo na, Marta García-Clemente et al. "The Interferon-induce	1%
	4	Internet 85 words www.ncbi.nlm.nih.gov	1%
	5	Crossref Posted Content 83 words Fang Wang, Shujia Huang, Huirong Gao, Yuwen Zhou et al. "Initial Whole Genome Sequencing and Analysis of tl	1%
	6	Internet 74 words crawled on 24-Dec-2020 www.medrxiv.org	1%
	7	Internet 70 words crawled on 08-Sep-2020 www.nejm.org	1%
	8	Internet 66 words crawled on 18-Nov-2020 www.wjgnet.com	1%
100	-		





国际版 国内版 Hypotheses and facts for genetic factors related to severe COVID-1

ALL IMAGES

4,740,000 Results Any time *

VIDEOS

Genetic Factors May Influence COVID-19 Susceptibility ...

https://consultqd.clevelandclinic.org/genetic-factors-may-influence-covid-19... • Jul 16, 2020 - The new Cleveland Clinic study has identified genetic factors that may influence susceptibility to COVID-19, which could guide personalized treatment. COVID-19 a serious threat to certain individuals. While the majority of confirmed COVID-19 cases result in mild symptoms, the virus does pose a serious threat to certain individuals.

===

Estimated Reading Time: 3 mins

Scientists discover genetic and immunologic underpinnings ...

https://www.nih.gov/news-events/news-releases/... •

What Article Who Contact

New findings by scientists at the National Institutes of Health and their collaborators help explain why some people with COVID-19 develop severe disease. The findings also may provide the first molecular explanation for why more men than women die from COVID-19. The researchers found that more than 10% of people who develop severe COVID-19 have misguided antibodies—autoantibodies—that attack the immune system rather than the virus that causes the disease. Another 3.5% or more of people who ...

See more on nih.gov

Estimated Reading Time: 4 mins

The major genetic risk factor for severe COVID-19 is ...

https://www.nature.com/articles/s41586-020-2818-3

Oct 26, 2020 - The genetic variants that are most associated with severe COVID-19 on chromosome 3 (45,859,651-45,909,024 (hg19)) are all in high linkage disequilibrium (LD)—that is, they are all strongly

Cited by: 113 Author: Hugo Zeberg, Hugo Zeberg, Svante Pääbo, ...

Publish Year: 2020

[PDF] The major genetic risk factor for severe COVID-19 is ...

https://www.biorxiv.org/content/10.1101/2020.07.03.186296v1.full.pdf

Jul 03, 2020 · These risk factors, however, do not fully explain why some have no or mild symptoms while others become seriously ill. Thus, genetic risk factors are being investigated. An early study (Ellinghaus et al. 2020) identified two genomic regions associated with severe COVID-19: one region on chromosome 3 containing six genes and one region

Cited by: 15 Author: Hugo Zeberg, Hugo Zeberg, Svante Pääbo, ...

Publish Year: 2020

Key Genes Related to Severe COVID-19 Infection Identified ...

https://www.the-scientist.com/news-opinion/key... •

Dec 14, 2020 - "A chunk of the answer is in our genes," but "it's unlikely that a single element is fully responsible for the development of severe COVID-19," she tells the Post. "It's more likely to be a combination of factors," which may include genetics as well as ...

Author: Max Kozlov

New insights into genetic susceptibility of COVID-19: an ...

https://bmcmedicine.biomedcentral.com/articles/10.1186/s12916-020-01673-z -Jul 15, 2020 · We further discussed that polymorphisms in ACE2 or TMPRSS2 could guide effective treatments (i.e., hydroxychloroquine and camostat) for COVID-19. This study suggested that ACE2 or TMPRSS2 DNA polymorphisms were likely associated with genetic susceptibility of COVID-19, which calls for a human genetics initiative for fighting the COVID-19 pandemic.

Major Genetic Risk Factor for Severe COVID-19 Is Inherited ...

https://scitechdaily.com/major-genetic-risk-factor... •

Oct 05, 2020 - By Karolinska Institutet October 5, 2020. A study published in Nature shows that a segment of DNA that causes their carriers to have an up to three times higher risk of developing severe COVID-19 is inherited from Neanderthals. The study was conducted by researchers at Karolinska Institutet and Max Planck Institute for Evolutionary Anthropology. COVID-19 affects some people ...

Reviews: 83 Estimated Reading Time: 9 mins

Genetic variations linked to COVID-19 severity

https://www.news-medical.net/news/20200603/Genetic... •

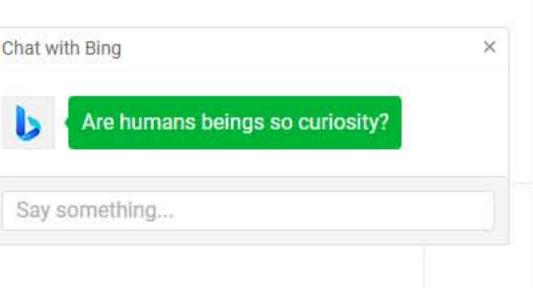
Variations in The Severity of Co...

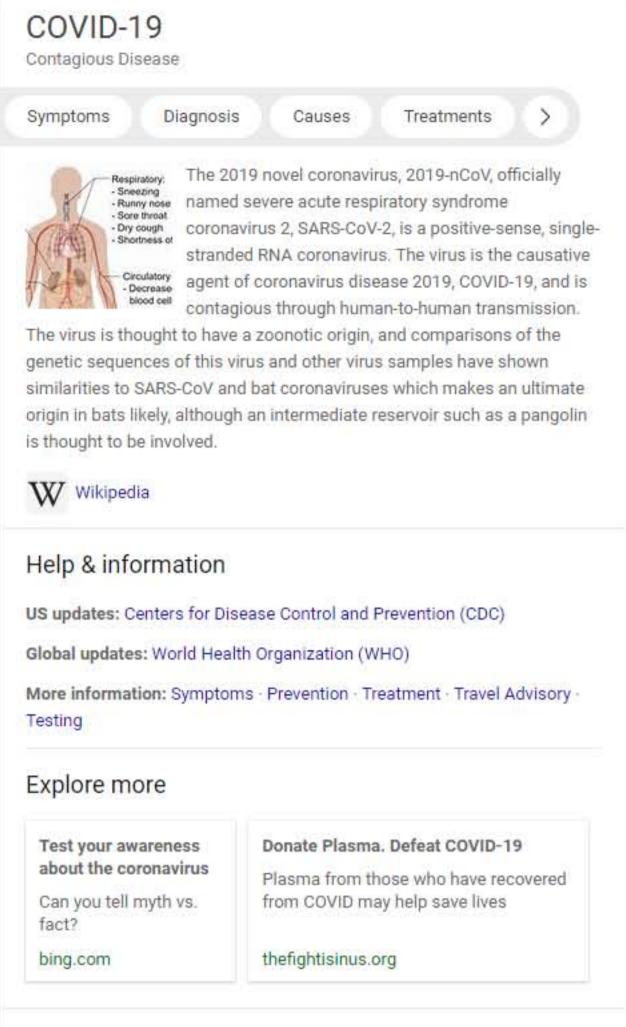
Using GWAS to Identify Geneti...

Variations at

Currently, the outbreak is known to have caused over 6.39 million cases and taken more than 383,000 lives the world over. However, huge gaps remain in the scientific understanding of how the virus causes a spectrum of disease ranging from asymptomatic to lethal respiratory failure. At present, the incubation period of the virus is thought to be around 5 days, and almost 98% of cases become symptomatic within 11-12 days of infection. The precise percentage of asymptomatic infection is unknown, with estimates r...

See more on news-medical.net





Search Tools

Data from: Wikipedia

Suggest an edit

Turn off Hover Translation (关闭取词)



Hypotheses and facts for genetic factors related to severe CO'









ALL

IMAGES

VIDEOS

MAPS

NEWS

SHOPPING

Show language tabs

5,020,000 Results

Any time *

Genetics of COVID-19 - ncbi.nlm.nih.gov

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7539923

Jul 24, 2020 · To this end, an international research consortium on genetic factors in the human genome has been organized. 29 The most relevant work conducted so far has used techniques that investigate...

Author: Salmo Raskin Publish Year: 2020

Genetic Factors May Influence COVID-19 Susceptibility ...

https://consultqd.clevelandclinic.org/genetic-factors-may-influence-covid-19... •

Jul 16, 2020 · The new Cleveland Clinic study has identified genetic factors that may influence susceptibility to COVID-19, which could guide personalized treatment. COVID-19 a serious threat to...

Estimated Reading Time: 3 mins

Genetics Insight for COVID-19 Susceptibility and Severity ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8047200

Apr 01, 2021 · In severe COVID-19 patients, an increase of IL-6 levels has been observed and related to the disease's poor prognosis. Several gene variants in IL6 (HGNC:6018) with differential cytokine...

Cited by: 1

Author: Ingrid Fricke-Galindo, Ramcés Falfán-Valen...

Publish Year: 2021

The major genetic risk factor for severe COVID-19 does not ...

https://www.nature.com/articles/s41598-021-91711-4

Jun 11, 2021 · The COVID-19 Host Genetics Initiative a global initiative to elucidate the role of host genetic factors in susceptibility and severity of the SARS-CoV-2 virus pandemic. Eur. J.

The major genetic risk factor for severe COVID-19 is ...

https://www.nature.com/articles/s41586-020-2818-3

Oct 26, 2020 - The genetic variants that are most associated with severe COVID-19 on chromosome 3 (45,859,651-45,909,024 (hg19)) are all in high linkage disequilibrium (LD)—that is, they are all strongly ...

Cited by: 143

Author: Hugo Zeberg, Hugo Zeberg, Svante Pääbo, ...

Publish Year: 2020