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Receptor for advanced glycation end-products axis and COVID-19 in Inflammatory Bowel Diseases. A Dangerous Liaison?

IBD, RAGE axis and COVID-19.

Armando Rojas, Iván Schneider, Cristian Lindner, Ileana González, Miguel Angel Morales

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Not just the lungs: Covid-19 attacks like no other ...

<https://www.statnews.com/2020/06/26/from-nose-to...> ▾

Jun 26, 2020 · Patients with severe Covid-19 also suffer a runaway **inflammatory** response and, often, clot formation, said infectious **disease** physician Rochelle Walensky of Massachusetts General Hospital.

Receptor-interacting protein kinase 1 (RIPK1) as a ...

<https://www.nature.com/articles/s41573-020-0071-y>

Jul 15, 2020 · **Inflammatory bowel disease**. ... Patients with severe COVID-19 caused by the novel SARS-CoV-2 infection exhibit multiple ... H. Cell death and inflammation — a vital but **dangerous liaison**.

Cited by: 9

Author: Lauren Mifflin, Dmitry Ofengeim, Junying ...

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The latest antivax false claim: mRNA vaccines against ...

<https://sciencebasedmedicine.org/the-latest...> ▾

Feb 08, 2021 · The messenger RNA (mRNA) used in many COVID-19 vaccines are not natural. They're synthetic. Since naturally produced mRNA rapidly degrades, it must be complexed with lipids or polymers to prevent this from happening. COVID-19 vaccines use PEGylated lipid nanoparticles, and PEG is known to cause anaphylaxis.

Raised inflammatory markers | The BMJ

<https://www.bmj.com/content/344/bmj.e454> ▾

Feb 03, 2012 · **Inflammatory** markers are too non-specific to be a useful tool for diagnosing serious underlying **disease** and should rarely be used in this situation In an incidental finding of raised levels of **inflammatory** markers, if history and examination yield no clues as to cause, it is reasonable to wait and see if symptoms develop.

Cited by: 33

Author: Jessica C Watson, Alison Round, Willia...

Publish Year: 2012



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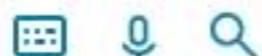
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A metanalysis showed that high plasma levels of Angiotensin 2 and Receptor for Advanced Glycation End Products were associated with an increased risk of Acute Respiratory Distress Syndrome...

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Jan 26, 2021 · The activation of the receptor for the advanced glycation end products (RAGE), which is also expressed in the lungs, produces a pro-inflammatory response via nuclear factor (NF)- κ B, by...

Author: Anna Lucia Fedullo, Antonio Schiattar... Publish Year: 2021

[The receptor for advanced glycation end products \(RAGE ...](http://www.nature.com/articles/cdd2009149)

www.nature.com/articles/cdd2009149

Oct 16, 2009 · RAGE (receptor for advanced glycation end products): a central player in the inflammatory response. Microbes Infect 2004; 6 : 1219–1225. CAS Article Google Scholar

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A metanalysis showed that high plasma levels of Angiopoietin 2 and **Receptor for Advanced Glycation End Products** were associated with an increased risk of Acute Respiratory Distress Syndrome development [23]. IOT in elderly patients is a difficult task because of the heterogeneity of individual pathological findings.

[The receptor for advanced glycation end products \(RAGE ...](#)

www.nature.com/articles/cdd2009149

Oct 16, 2009 · The ligands identified for RAGE include high-mobility group protein 1 (HMGB1), **advanced glycation** end products and some but not all members of the S100 protein family. 6 RAGE/RAGE ligand ...

[Global Advanced Glycation End Products Market to Surpass ...](#)

<https://uk.finance.yahoo.com/news/global-advanced...> ▾

According to Coherent Market Insights, the global **advanced glycation** end products market is estimated to be valued at US\$ 1,368.5 million in 2020 and is expected to exhibit a CAGR of 7.3% over the forecast period (2020-2027).. Key Trends and Analysis of the Global **Advanced Glycation** End Products Market: . Key trends in the market include increasing launches of **advanced glycation** end products ...

[The receptor RAGE: Bridging inflammation and cancer ...](#)

<https://www.europepmc.org/articles/PMC2690588> ▾

May 08, 2009 · The **receptor for advanced glycation** end products (RAGE) is a single transmembrane **receptor** of the immunoglobulin superfamily that is mainly expressed on immune cells, neurons, activated endothelial and vascular smooth muscle cells, bone forming cells, and a variety of cancer cells.

Cited by: 219

Author: Astrid Riehl, Julia Németh, Peter Angel, Joc...

Publish Year: 2009

[Blockade of RAGE–amphoterin signalling ... - Nature](#)

www.nature.com/nature/journal/v405/n6784/full/405354a0.html

May 18, 2000 · The **receptor for advanced glycation** end products (RAGE), a multi-ligand member of the immunoglobulin superfamily of cell surface molecules^{1,2}, interacts with distinct molecules implicated in ...

[Opportunities, Challenges and Pitfalls of Using ...](#)

<https://europepmc.org/article/PMC/PMC7922403> ▾