

ALL IMAGES VIDEOS

57,000 Results Any time ▾

Oxidative DNA and RNA damage and their prognostic values ...

<https://www.tandfonline.com/doi/full/10.1080/10715762.2018.1500022>

Nov 13, 2018 · (2018). Oxidative DNA and RNA damage and their prognostic values during *Salmonella enteritidis*-induced intestinal infection in rats. ...

Cited by: 1

Author: Ji-Hong Hu, Jing-Jing Nie, Zhen-Xiang Ga...

Publish Year: 2018

Neutrophil Metabolic Shift during Their Lifecycle: Impact ...

<https://www.mdpi.com/1422-0067/21/1/287/htm> ▾

Polymorphonuclear neutrophils (PMNs) are innate immune cells, which represent 50% to 70% of the total circulating leukocytes. How PMNs adapt to various microenvironments encountered during their life cycle, from the bone marrow, to the blood plasma fraction, and to inflamed or infected tissues remains largely unexplored. Metabolic shifts have been reported in other immune cells such as ...

Cited by: 10

Author: Louise Injarabian, Louise Injarabian, Anne...

Publish Year: 2019

Gut Microbiota and Immune System Interactions. - Abstract ...

<https://europepmc.org/article/PMC/PMC7602490> ▾

Oct 15, 2020 · 1. Gut Microbiota Metabolites (SCFAs) Understanding interactions between a host immune system and the tens of trillions of microbes that live in a human's gastrointestinal (GI) tract known as the gut microbiota is an active area of research [1]. When operating optimally and under normal circumstances, the alliance between the immune system and gut microbiota interweaves the innate ...

Cited by: 6

Author: Ji Youn Yoo, Maureen Groer, Samia Valer...

Publish Year: 2020

Home | Infection and Immunity

<https://iai.asm.org> ▾

Ectopic Expression of Human Thymosin β 4 Confers Resistance to *Legionella pneumophila* during Pulmonary and Systemic Infection in Mice Thymosin beta-4 (T β 4) is an actin-sequestering peptide that plays important roles in regeneration and remodeling of injured tissues.

Metabolites of *Lactobacillus plantarum* 2142 Prevent ...

<https://www.researchgate.net/publication/323058812>

Microsoft Bing

国内版 国际版

Increased systemic RNA oxidative damage and the diagnostic valk

Sign in

ALL IMAGES VIDEOS

12,100 Results Any time

Increased Levels of Inflammatory Mediators in Children and ...
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC119937
Investigations were carried out to study the production of factors associated with the innate immune response in the systemic and mucosal compartments in adults and children infected with *Vibrio cholerae* O1 and *V. cholerae* O139. The levels of nonspecific mediators of the innate defense system, i.e., prostaglandin E 2 (PGE 2), leukotriene B 4 (LTB 4), and lactoferrin (LF), as well as ...
Cited by: 112 Author: Firdausi Qadri, Rubhana Raqib, Firoz Ahme...
Publish Year: 2002

Intestinal barrier damage, systemic inflammatory response ...
https://www.sciencedirect.com/science/article/pii/S075333222030963X
Dec 01, 2020 - The effects of intestinal barrier failure, such as intestinal immune deficiency, increased IP and intestinal microflora disturbance, maintain and amplify SIRS. Additionally, inflammation in the intestine connects to the pancreas, and then lungs through the systemic circulation and ML pathway, eventually leading to and aggravating ALI [79 ...
Author: Peng Ge, Yalan Luo, Chukwuemeka Sa... Publish Year: 2020

PEOPLE ALSO ASK

How is IL-8 produced during Shigella infection?

How does Shigella cause cell death in nonmyeloid cells?

What kind of disease does Shigella cause in humans?

Feedback

Shigella Induces Mitochondrial Dysfunction and Cell Death ...
https://www.sciencedirect.com/science/article/pii/S1931312809000298
Feb 19, 2009 - *Shigella* rapidly kills myeloid cells via a caspase-1 inflammasome-dependent cell death mechanism. However, despite a critical role for nonmyeloid cells in the pathophysiology of *Shigella* infection, the mechanism by which *Shigella* kills nonmyeloid cells remains uncharacterized. Here we demonstrate that, in nonmyeloid cells, *Shigella* infection induces loss of mitochondrial inner ...
Cited by: 150 Author: Leticia A.M. Carneiro, Leticia A.M. Carneiro...
Publish Year: 2009

bacteria lab yeasts: Topics by Science.gov
https://www.science.gov/topicpages/b/bacteria+lab+yeasts
Jun 15, 2018 - 2017-03-01. The aim of this study was to evaluate the chemical and microbiological characteristics and to identify the lactic acid bacteria (LAB) and yeasts involved in rehydrated corn kernel silage. Four replicates for each fermentation time: 5, 15, ...

BRENDA - Information on EC 3.4.22.36 - caspase-1
https://www.brenda-enzymes.org/enzyme.php?ecno=3.4...
Caspase-1 deficiency promotes high-fat diet-induced adipose tissue inflammation and the development of obesity. Caspases and inflammasomes in metabolic inflammation. Inflammasomes is a central player in the induction of obesity and insulin resistance. Obesity development in caspase-1-deficient mice.

Pathogen-induced inflammation in immunocompromised ...
https://open.library.ubc.ca/handle/2429/47546
Primary immunodeficiencies arise from genetic anomalies and can cause aberrant inflammation, tissue destruction, and uncontrolled infections. Defects in immunity often first present as cases of recurrent or severe infections with unusual pathogens. Patients with chronic granulomatous disease (CGD) have mutations in the NADPH oxidase that prevent the formation of reactive oxygen species (ROS) ...

Shigella flexneri. Medical search
https://lookformedical.com/en/search/shigella-flexneri
May 20, 2019 - *Shigella flexneri* infection: pathogenesis and vaccine development. The inflammation produced by the host has been implicated in both the destruction of the colonic epithelium and in controlling and containing the *Shigella* infection. However, a recent analysis indicated an increase in *Shigella* infection among adult males (2).

Microbial Pathogenesis via MedWorm.com
https://medworm.com/journal/microbial-pathogenesis.xml
Alterations in the gut microbiota and metabolic profiles coincide with intestinal damage in mice with a bloodborne *Candida albicans* infection ... as vaccine candidates in a mouse model of staphylococcus aureus systemic infection. ... *Ernschema chinense* Vogel. for its antidiarrhoeal potential against *Shigella flexneri*-induced diarrhoea using in ...

Some results are removed in response to a notice of local law requirement. For more information, please see here.

Search Tools
Turn off Hover Translation

Add the Give with Bing extension


Make a difference for a nonprofit, simply by searching on Bing

MAYBE LATER YES

02-Aug-2021 08:42AM

4778 words • 122 matches • 54 sources

FAQ

 iThenticate®

65240_Auto_EditedC.docx

Quotes Included
Bibliography Included

25%
SIMILAR

Name of Journal: *World Journal of Gastroenterology*

Manuscript NO: 65240

Manuscript Type: ORIGINAL ARTICLE

Basic Study

Increased systemic RNA oxidative damage and the diagnostic value of RNA oxidative metabolites during *Shigella flexneri*-induced intestinal infection

Nie JJ *et al.* RNA oxidative damage in infection

Jing-Jing Nie, Ya-Ya Pian, Ji-Hong Hu, Guo-Qing Fan, Lv-Tao Zeng, Qiu-geng OuYang, Zhen-Xiang Gao, Zhen Liu, Chen-Chen Wang, Qian Liu, Jian-Ping Cai

Abstract

BACKGROUND

Shigella flexneri (*S. flexneri*) is a major pathogen causing acute intestinal infection, but the systematic oxidative damage incurred during the course of infection has not been

Match Overview

1

Crossref 280 words
Ji-Hong Hu, Jing-Jing Nie, Zhen-Xiang Gao, Qing-Hua Weng et al. "Oxidative DNA and RNA damage and their p..."

5%

2

Internet 102 words
crawled on 18-Jul-2020
www.hindawi.com

2%

3

Internet 96 words
crawled on 06-Oct-2020
www.researchsquare.com

2%

4

Internet 68 words
crawled on 03-Feb-2019
www.science.gov

1%

5

Internet 54 words
crawled on 29-Oct-2020
www.tandfonline.com

1%

6

Internet 38 words
ictpune.ictp.ac.uk

1%

7

Internet 35 words
crawled on 04-Sep-2019
docplayer.net


1%

8

Internet 35 words
crawled on 25-Jan-2021
www.unboundmedicine.com

1%

PAGE: 1 OF 17



Text-Only Report

国内版

国际版

Increased systemic RNA oxidative damage and the diagnostic valu



ALL

IMAGES

VIDEOS

12,000 Results

Any time ▾

Increased Levels of Inflammatory Mediators in Children and ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC119937>

Investigations were carried out to study the production of factors associated with the innate immune response in the **systemic** and mucosal compartments in adults and children infected with *Vibrio cholerae* O1 and *V. cholerae* O139. The levels of nonspecific mediators of the innate defense system, i.e., prostaglandin E 2 (PGE 2), leukotriene B 4 (LTB 4), and lactoferrin (Lf), as well as ...

Cited by: 112

Author: Firdausi Qadri, Rubhana Raqib, Firoz Ah...

Publish Year: 2002

Shigella Induces Mitochondrial Dysfunction and Cell Death ...

<https://www.sciencedirect.com/science/article/pii/S1931312809000298>

Feb 19, 2009 · *Shigella* rapidly kills myeloid cells via a caspase-1 inflammasome-dependent cell death mechanism. However, despite a critical role for nonmyeloid cells in the pathophysiology of *Shigella* infection, the mechanism by which *Shigella* kills nonmyeloid cells remains uncharacterized. Here we demonstrate that, in nonmyeloid cells, *Shigella* infection induces loss of mitochondrial inner ...

Author: Leticia A.M. Carneiro, Leticia A.M. Ca...

Publish Year: 2009

PEOPLE ALSO ASK

How is IL-8 produced during *Shigella* infection? ▾

How does *Shigella* cause cell death in nonmyeloid cells? ▾

What kind of disease does *Shigella* cause in humans? ▾

Feedback

Oxidized Pork Induces Oxidative Stress and Inflammation by ...

<https://www.researchgate.net/publication/337975810...>

Anti-inflammatory effects of H₂S during acute bacterial infection: A review ... development of **intestinal** and **systemic** diseases. ... trend to **increased** levels of **oxidative damage** with higher ...

Estimated Reading Time: 9 mins