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In this issue

Research Article

Open Access Research Article PTZAID:AAA-5-113

Molecular Docking studies on the Anti-fungal activity of Allium sativum (Garlic) against Mucormycosis (black fungus) by BIOVIA discovery studio visualizer 21.1.0.0

Published On: November 12, 2021 | Pages: 028 - 032

Author(s): Shaweta Sharma*, Akhil Sharma and Utsav Gupta

Background: The COVID-19 pandemic is a major concern. However, its association and rising cases of mucormycosis, also known as black fungus make the scenario even more troublesome. In addition, no specific medication against mucormycosis/black fungus makes things even worse. Objective: Garlic phytoconstituents have shown remarkable antifungal properties against vario ...

Abstract View Full Article View DOI: 10.17352/aaa.000013

Open Access Research Article PTZAID:AAA-5-112

Socio-demographic characteristics influencing knowledge, attitude and preventive practices of COVID-19 among Ghanaians: A cross-sectional study

Published On: November 12, 2021 | Pages: 019 - 027

Author(s): Philip Apraku Tawiah*, Kingsley Arhin-Wiredu, Kwabena Oppong, Bernard Nii Torgbor, Phenehance Effah Konadu and Albert Abaka-Yawson

Background: In recent times, the novel coronavirus disease is one of the most challenging public health burdens. Low-and-middle-income countries including Ghana have not been spared by the infection. Several measures are being undertaken by countries to control and prevent the future waves of the disease. Previous studies have established the importance of knowledge, ...

Abstract View Full Article View DOI: 10.17352/aaa.000012

Open Access Research Article PTZAID:AAA-5-110

A combination treatment of IFN-2b and IFN- accelerates viral clearance and control inflammatory response in COVID-19: Preliminary results of a randomized controlled trial

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Author(s): Esquivel-Moynelo Idelsis, Pérez-Escribano Jésus, Duncan-Roberts Yaquelin, Vázquez-Blomquist Dania, Bequet-Romero Mónica, Báez-Rodríguez Lisandra, Castro-Ríos Jésus, Cobas-Cervantes Lisbeth, Pagé-Calvet Ernesto, Travieso-Pérez Saily, Martinez-Suarez Claudia, Campa-Legra Ivan, Fernandez-Masso Julio, Camacho-Rodriguez Hamlet, Díaz-Gálvez Marisol, Sin-Mayor Adriana, García-Sánchez Maura, Martínez-Martín Sara, Alonso-Valdés Marel, Hernández-Bernal Francisco, Nodarse-Cuni Hugo, Bello-Garcia Dianela, Canaan-Haden Ayala Camila, Gonzáles-Moya Isabel, Beato-Canfuk Abrahan, Vizcaino-Cesar Tania, Guillén-Nieto Gerardo, Muzio-González Verena, Fish Eleanor and Bello-Rivero Iraldo*

Background: There is in vitro evidence that a combination of IFN- and IFN- acts synergistically to inhibit SARS-CoV replication. We conducted a randomized controlled clinical trial to evaluate the safety and therapeutic efficacy of administration of a combination of IFN- and IFN- for COVID-19. Methods: Adults with confirmed COVID-19 were randomized to receive eit ...

Abstract View | Full Article View | DOI: 10.17352/aaa.000010

Mini Review

Open Access Mini Review PTZAID:AAA-5-111

Bromelain: A potential therapeutic application in SARS-CoV-2 infected patients

Published On: June 19, 2021 | Pages: 015 - 018

Author(s): Serkan Sayner, Ayliz Veliolu-Öünç and Ahmet Özer ehirli*

The SARS-CoV-2 infection has led to a global pandemic which has led to almost 4 million deaths worldwide. However, to date, a specific antiviral drug does not exist to treat the disease and control the virus. Here, we focus on the potential use of bromelain in line with its anti-oxidant, anti-inflammatory, and immunomodulatory effects. Additionally, bromelain exerts f ...

Abstract View | Full Article View | DOI: 10.17352/aaa.000011

Case Study

Open Access Case Study PTZAID:AAA-5-114

Case study – apply a deep-learning algorithm to exomes detection with online resources

Published On: December 24, 2021 | Pages: 033 - 035

Author(s): Maria da Conceição Proença* and António Pedro Alves de Matos

Exosomes are membrane vesicles that constitute a potential mode of intercellular communication. Although the scope of its role is still being discussed, the release of exosomes by tumor cells suggests their participation in pathological situations and its study will surely drive to new therapeutic and diagnostic strategies. It is therefore important to be able to loca ...

Abstract View Full Article View DOI: 10.17352/aaa.000014