2023 | Volume Volume - 8 - Issue Issue - 1

In this issue

Research Article

Open Access Research Article PTZAID:JVI-8-152

Effect of a third booster dose of COVID-19 mRNA vaccine in patients with haematological cancer after the initial two-dose vaccination - a single centre report

Published On: August 08, 2022 | Pages: 029 - 032

Author(s): Šušol Ondrej, Šušolová Barbora and Hájek Roman*

Novel Coronavirus SARS-CoV-2 causing COVID-19 has been subject to intensive interest since its appearance in 2019, with the risk of severe course being significantly higher for adult patients with hematological malignancy. Results on a two-dose, standard vaccination regimen in patients with hematological cancer have identified risk populations with poor vaccination ou ...

Abstract View Full Article View DOI: 10.17352/jvi.000052

Open Access Research Article PTZAID:JVI-8-149

Vaccines: Origin and evolution throughout history

Published On: May 05, 2022 | Pages: 004 - 013

Author(s): Maria de los Santos Onate Tenorio*, Maria Perez Eslava and Antonio Onate Tenorio

Throughout the history of medicine, vaccines have been one of the most used weapons by humans to prevent diseases and create immunity, having a great impact on both society and the health of individuals and communities, constituting an authentic guarantee to achieve stability and the maintenance of the public health of the population. In this monograph, a compilation ...

Abstract View Full Article View DOI: 10.17352/jvi.000049

Open Access Research Article PTZAID:JVI-8-148

Changing seroprevalence to SARS-CoV-2 in health care workers during COVID-19 pandemic

Published On: March 26, 2022 | Pages: 001 - 003

Author(s): VK Sashindran, Abdul Raheem Sheikh and Sunita D Patil*

Background and objective: The entire world is reeling under the COVID-19 pandemic caused by coronavirus SARS-COV-2. A longitudinal study was planned to understand the evolving pattern of seroprevalence of anti-SARS CoV-2 antibodies in a cohort of health care workers. Method: A prospective study was conducted among the health care workers categorized as doctors, nursi ...

Abstract View Full Article View DOI: 10.17352/jvi.000048

Review Article

Open Access Review Article PTZAID:JVI-8-150

Role of plant-derived natural compounds in macrophage polarization

Published On: July 08, 2022 | Pages: 014 - 022

Author(s): KP Mishra*, Jyotsana Bakshi, Mrinalini Singh, Deepika Saraswat, Lilly Ganju and Rajeev Varshney

Macrophages are important cells of the immune system and are sufficiently plastic to polarize either an M1 state or M2 state. Depending on the signals received from different intrinsic or extrinsic factors, the macrophage polarity is determined. These cells are distributed in every tissue of the body and are also found as circulating cells in the bloodstream called ‘m ...

Abstract View Full Article View DOI: 10.17352/jvi.000050

Case Report

Open Access Case Report PTZAID:JVI-8-151

Adult-onset Still’s disease complicated with macrophage activation syndrome: A case report

Published On: July 23, 2022 | Pages: 023 - 028

Author(s): MNSK Perera* and A Gunapala

Adult-onset Still’s disease is a rare systemic disease while macrophage activation syndrome is a fulminant complication of Still’s disease. As mortality is high in macrophage activation syndrome, prompt diagnosis is crucial to commence definitive management. Adult-onset Still’s disease is a rare systemic disease while macrophage activation syndrome is a fulminant comp ...

Abstract View Full Article View DOI: 10.17352/jvi.000051

Short Communication

Open Access Short Communication PTZAID:JVI-8-153

Characterization of enterotoxigenic Escherichia coli heat-labile toxin (LT) double mutant LTA72R/R192G as a Nontoxic and Effective Mucosal Adjuvant

Published On: October 26, 2022 | Pages: 033 - 039

Author(s): Li Ben-Qiang, Tao Jie, Cheng Jing-Hua, Shi Ying and Liu Hui-li*

The heat-labile enterotoxins of Escherichia coli (LT) protein were reported to be an ideal mucosal adjuvant for nasal or oral delivery with antigen. Because of its toxicity, the application of native LT protein was focused on the purification of subunit B (LTB) or reconstructing non-toxic LT mutants, such as LTK63, LTR72, LTG192, or LTK63/R72. In this study, we mutate ...

Abstract View Full Article View DOI: 10.17352/jvi.000053