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Research Article

Open Access Research Article PTZAID:JVI-6-135

Going Along the Direction of Trained Immunity - a Herbal Supplement for the Prevention of Respiratory Infection

Published On: November 10, 2020 | Pages: 032 - 037

Author(s): Ben CL Chan, Ping-Chung Leung*, William KF Cheng, Zhixiu Lin, Edwin CL Yu, Ida MT Chu, Ping Chook, Carmen YS Fong and Chun-Kwok Wong

This is a report of a clinical attempt on the creation of an evidence-based herbal supplement for the personal protection against respiratory infection including COVID-19. The herbal supplement was derived from ancient Chinese herbal formulae. It had been proven safe and effective as a preventive agent during the 2003 SARS epidemic in Hong Kong. It was used again in t ...

Abstract View Full Article View DOI: 10.17352/jvi.000035

Open Access Research Article PTZAID:JVI-6-130

Intranasal vaccination with a Chimeric Chlamydial Antigen BD584 confers protection against Chlamydia trachomatis genital tract infection

Published On: July 14, 2020 | Pages: 010 - 017

Author(s): Steven Liang and James B Mahony*

Chlamydia is the most common sexually transmitted infection of bacterial origin, and a broadly protective vaccine is urgently needed given the largely asymptomatic nature of the infection and the severe reproductive sequelae in women with untreated infections. The primary aim of this study was to characterize the immune response to vaccination with BD584, a novel reco ...

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Validity of Enzyme-Linked Immunosorbent Assay (ELISA) as a correlate of

protection of meningococcal C conjugated vaccine in adolescents with HIV infection

Published On: February 03, 2020 | Pages: 001 - 007

Author(s): Daniela Vinhas Bertolini*, Luciana Scarlazzari Costa, Bruno Stuart de Castro, Tadeu Pernichelli, Inneke Marie van der Heijden, Silvia Figueiredo Costa, Helena Keiko Sato and Heloísa Helena de Sousa Marques

The immunological response to meningococcal C conjugated vaccine can be evaluated by two different tests: the serum bactericidal antibody assay (SBA), which evaluates the qualitative bactericidal capacity of the antibodies, and the Enzyme-Linked Immunosorbent Assay (ELISA), which quantifies the specific serogroup C meningococcal immunoglobulin-G. Incompatibilities bet ...

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Commentary

Open Access Commentary PTZAID:JVI-6-131

Immunological Defence beyond Vaccination- A Review

Published On: September 29, 2020 | Pages: 018 - 021

Author(s): Ping-Chung Leung*, Chung-lap Ben Chan and Chun-kwok Wong

The Pandemic has been with us in the whole world for over half a year. There seems no signs of slowing down. Traditionally, infection problems are dealt with by experts and scholars who clarify the cause of the disease and the pathological involvements; work out the effective treatment protocol, then organize a public health program for prevention. Unfortunately, with ...

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Mini Review

Open Access Mini Review PTZAID:JVI-6-136

Epitope Based Vaccine Designing- A mini review

Published On: November 24, 2020 | Pages: 038 - 041

Author(s): Sunil K Arora* and Aryandra Arya

A vaccine is an antigen derived from pathogen. In its crudest form vaccine contains either attenuated pathogen, or an

antigen molecule as in case of subunit vaccine, yet what interacts with immune system are few amino acids in the form of epitopes [1]. The idea to form a vaccine from selective few epitopes has emerged as a more logical approach owing to the fact that ...

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Open Access Mini Review PTZAID:JVI-6-134

Vaccination in India: An Insight

Published On: November 06, 2020 | Pages: 028 - 031

Author(s): Avishek Das and Tapas Kumar Chaudhuri*

This review has documented the vaccination in India and the history of it with a view to know the directions of developing indigenous vaccines for expanding the benefit to the grass root level in this highly populated country. Expansion of smallpox vaccination, typhoid vaccine trial and setting up of vaccine institutes were witnessed in the early twentieth century i ...

Abstract View | Full Article View | DOI: 10.17352/jvi.000034

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Chickenpox infection in children, action to take

Published On: October 30, 2020 | Pages: 026 - 027

Author(s): H Bruel* and D Pinquier

What to do in the event of a varicella infection in pregnant women or children is sometimes not well known. Several therapies are available to doctors; specific immunoglobulins, anti virals, vaccination. We propose a decision tree ...

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An alternative strategy for studying emerging atypical porcine pestivirus

Published On: October 01, 2020 | Pages: 022 - 025

Author(s): Xujiao Ren, Xueyan Liu, Jianglong Li, Huanchun Chen, Xiangmin Li and Ping Qian*

Atypical Porcine Pestivirus (APPV) is an emerging agent that belongs to the genus Pestivirus of the family Flaviviridae and causes Congenital Tremor (CT) in newborn piglets. Piglets with CT are mainly characterized by rhythmic tremor in

the limbs and head, complicated by ataxia. Affected animals often die due to insufficient sucking with a mortality rate of 10%-30%. H ...

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Open Access Mini Review PTZAID:JVI-6-129

Several peripheral blood cells and the infection of sever acute respiratory syndrome coronavirus 2

Published On: May 16, 2020 | Pages: 008 - 009

Author(s): Jianwei Zhou*, Cui Kong and Yin Sun

Blood routine is a common laboratory index in clinic, and used as an auxiliary item for diagnosing many diseases. Currently, sever acute respiratory syndrome coronavirus 2 (SARS-Cov-2) infection has been a pandemic concern which severely threatens human health [1]. ...

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