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

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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 ...

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

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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 ...

Validity of Enzyme-Linked Immunosorbent Assay (ELISA) as a correlate of
protection of meningococcal C conjugated vaccine in adolescents with HIV infection

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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 ...

Immunological Defence beyond Vaccination- A Review

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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 ...

Epitope Based Vaccine Designing- A mini review

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

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

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