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In this issue

Research Article

Open Access Research Article PTZAID:JVI-7-147

Nano-chemistry and Bio-conjugation with perspectives on the design of Nano-Immune platforms, vaccines and new combinatorial treatments

Published On: December 13, 2021 | Pages: 049 - 056

Author(s): Luna R Gomez Palacios, Sofia Martinez, Cecilia Tettamanti, Daniela Quinteros and A Guillermo Bracamonte*

This Mini-Review and Opinion letter, it was addressed different themes and topics implicated in the development of new treatments and vaccines applied to pathologies developed in humans such as by Virus and related pathogens. In this context, it was presented and discussed different strategies used, which were contemplated from the design of small molecules, towards h ...

Abstract View Full Article View DOI: 10.17352/jvi.000047

Open Access Research Article PTZAID:JVI-7-146

Immunogenicity and safety of inactivated Influenza Split-Virion vaccine administered via a Transdermal Microneedle System

Published On: December 13, 2021 | Pages: 041 - 048

Author(s): Mahmoud Ameri*, Hayley Lewis and Joe Nguyen

The purpose of the study was to evaluate the immunogenicity and safety of an inactivated influenza split virion vaccine administered via a transdermal microneedle system. In this Phase 1, single-center, randomized, controlled study, 90 subjects aged 18 to 40 years received influenza vaccine (strains (A/H1N1, A/H3N2, and B) either via a transdermal microneedle system ...

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Open Access Research Article PTZAID:JVI-7-142

Saliva as a source of antibodies for MMR vaccine screening in teenagers

Published On: May 24, 2021 | Pages: 027 - 032

Author(s): Barbara Fialho Carvalho Sampaio*, Luciana Regina Meireles and Heitor Franco de Andrade

The use of safe and effective vaccines is a well-established public health intervention, with a major impact on the fall in the prevalence of infectious diseases. In the absence of environmental transmission, vaccines do not work for life, as originally detected. This has now generated the occurrence of vaccinated susceptible people, which allows the importation of di ...

Abstract View | Full Article View | DOI: 10.17352/jvi.000042

Open Access Research Article PTZAID:JVI-7-141

Convenience and economic benefit of early one-shot Mycoplasma hyopneumoniae vaccination at 3 days of age in a commercial sow farm

Published On: May 24, 2021 | Pages: 020 - 026

Author(s): Frédéric Vangroenweghe*

Mycoplasma hyopneumoniae (M. hyopneumoniae) is the primary pathogen of enzootic pneumonia, a chronic respiratory disease in pigs. Vaccination of piglets to protect against M. hyopneumoniae can be performed at several ages, depending on product label specifications. Early intervention in the first week of life may have advantages, since piglets can already become infec ...

Abstract View | Full Article View | DOI: 10.17352/jvi.000041

Open Access Research Article PTZAID:JVI-7-140

Impact of the COVID-19 pandemic on work capacities of researchers: An overlooked problem

Published On: May 21, 2021 | Pages: 014 - 019

Author(s): Ferdinando D'Amico, Didier Mainard, Cedric Baumann and Laurent Peyrin-Biroulet*

Background: The new coronavirus pandemic has substantially changed research and teaching activities. The aim of our survey was to investigate the impact of the current health emergency on teaching and research activities, focusing on the perspectives of research unit members. Methods: This was an anonymous web-survey conducted between April 29 and May 6, 2020. All me ...

Abstract View | Full Article View | DOI: 10.17352/jvi.000040

Letter to Editor

Open Access Letter to Editor PTZAID:JVI-7-144

COVID-19, nursing publication and the future of nursing research infection

Published On: July 24, 2021 | Pages: 034 - 035

Author(s): Salam Banihani*

Despite the advance in health sciences, the more frequent emerging of infectious diseases in recent decades raise due to environmental changes such as human activity, poor health care system, microbial adaptation, and substantial international movement [1]. This virus has a high mutation ratio with a substantial spread among the population through droplets, airborne, ...

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Open Access Letter to Editor PTZAID:JVI-7-143

COVID-19 IGG better than PCR for the green pass

Published On: July 20, 2021 | Pages: 033 - 033

Author(s): Damsa Cristian* and Damsa Tomas

European Countries and Switzerland provide Green Pass for people who fulfill the two doses' vaccines but also for people who recovered from COVID-19. In order to prove that people recovered they should provide a positive PCR from more than two weeks ago, while IGG positive for COVID-19 is not accepted as a prove of recovery. This policy is not sustained by evidence-ba ...

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Commentary

Open Access Commentary PTZAID:JVI-7-139

A Commentary: The pandemic is calling for effective personal protection through innate immunological boosting

Published On: May 21, 2021 | Pages: 009 - 013

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

It is logical to rely on effective vaccinations to overcome the pandemic as well as future up-coming epidemics. When the scale of involvement and the speed of spread are unusually wide and extensive, as is happening in the current Pandemic, vaccination cannot effectively satisfy the expectations. Innate Immunity of the individual determines whether he or she is more ...

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Mini Review

Open Access Mini Review PTZAID:JVI-7-145

Japanese Encephalitis (JE): A curse for people living in Uttar Pradesh, India

Published On: October 04, 2021 | Pages: 036 - 040

Author(s): Jay Prakash Patel*, Kusum Verma and Vijeta Singh

Japanese Encephalitis (JE) follows due to viral infection that directly affects brain leading to coma and finally death. JE which finally leads to Acute Encephalitis Syndrome (AES) have been creating devastation in eastern Uttar Pradesh for decades. The Gorakhpur in Uttar Pradesh is the epicenter of encephalitis induced deaths and the disease mostly affect its rural a ...

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Open Access Mini Review PTZAID:JVI-7-138

Vaccine development and delivery strategies – A glimpse

Published On: February 20, 2021 | Pages: 004 - 008

Author(s): Rashmi P* and Madhavi BLR

Vaccines are one of the oldest biological products which are most successful in modulating immune response against various life-threatening infectious diseases. Currently, there are many advancements in the designing and delivery of vaccines. Starting from the use of live attenuated and dead microbes as vaccines, to the stage of mapping antibodies using various softwa ...

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Opinion

Open Access Opinion PTZAID:JVI-7-137

Considerations to accelerating and maximize the preclinical studies to a safe and effective COVID-19 vaccine

Published On: January 25, 2021 | Pages: 001 - 003

Author(s): Reynaldo Oliva-Hernández*

The emergence of novel coronavirus-2019 (COVID-19) by Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) virus and its rapid spread across the world have triggered a global health emergency without preceding. From the first report of COVID-19 at Wuhan city of China in December 2019 until today there has been an outbreak of COVID-19 around the world, with 97, ...

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