2017 | Volume Volume - 2 - Issue Issue - 1

In this issue

Research Article

Open Access Research Article PTZAID:JVI-2-118

IMS 4112 and VLP of HBV as Th1 Adjuvants for a Recombinant Protein of HIV-1

Published On: December 17, 2016 | Pages: 026 - 035

Author(s): Ingrid Rodríguez-Alonso, Daymir García, Emma Brown, Stephane Ascarateil and Enrique Iglesias*

Background: Current thinking suggests that vaccination approaches against the HIV-1 should be directed to elicit a Th1 cell-mediated immunity, neutralizing antibodies and/or ADCC mediating antibody responses. ...

Abstract View Full Article View DOI: 10.17352/jvi.000018

Open Access Research Article PTZAID:JVI-2-117

Pathogenicity of Duck-Originated H9N2 Influenza Viruses on Chickens

Published On: November 14, 2016 | Pages: 023 - 025

Author(s): Kunkun Zhao, Chunxia Jin, Yuxin Huang, Haiyang Zhang, Jingjing Xue, Hui Tian, Yue Yuan, Xiangdong Li, Wujie Liu* and Kegong Tian*

Background: The spreading of H9N2 avian influenza viruses in poultry in Eurasia and Africa accompanied with the great economic losses to poultry industry in past decades has attracted the great attention of whole world. Domestic ducks play a critical role in the ecology of avian influenza viruses. ...

Abstract View Full Article View DOI: 10.17352/jvi.000017

Open Access Research Article PTZAID:JVI-2-116

Efficacy of a Recombinant Genotype VII Vaccine against Challenge with Velogenic Newcastle Disease Virus

Published On: October 25, 2016 | Pages: 019 - 022

Author(s): Yi Cheng, Dongbei Sheng, Xiangdong Li, Sumei Hong, Lixia Guo, Shasha Zhao, Yue Yuan, Jingjing Xue, Hui Tian, Yipin Ren, Wujie Liu* and Kegong Tian*

Background: Newcastle disease virus (NDV) genotype VII has become the dominant genotype in China. However, NDV genotype II was used to make current commercial NDV vaccines. The mismatch of genotypes between circulating and vaccine strains of viruses may compromise the efficacy of vaccines. ...

Abstract View | Full Article View | DOI: 10.17352/jvi.000016

Open Access Research Article PTZAID:JVI-2-115

Prospects for the Development of a Dengue Vaccine

Published On: August 10, 2016 | Pages: 015 - 018

Author(s): Usa Thisyakorn* and Chule Thisyakorn

Dengue is a mosquito-borne viral disease which is currently an important and rapid growing health problem across the globe. Four closely related dengue serotypes cause the disease, which ranges from asymptomatic infection to undifferentiated fever, dengue fever (DF), and dengue hemorrhagic fever (DHF). ...

Abstract View | Full Article View | DOI: 10.17352/jvi.000015

Open Access Research Article PTZAID:JVI-2-114

Immunity against Pasteurella multocida in Animals Vaccinated with Inactivated Pasteurella multocida and Herbal Adjuvant 'DIP-HIP'

Published On: July 16, 2016 | Pages: 010 - 014

Author(s): Himanshi Tanwar, Anand Prakash Yadav, Brijbhushan, Shweta, Shashi Bala Singh, and Lilly Ganju*

Background: Haemorrhagic septicaemia (HS) is acute, highly contagious form of disease of water buffalo, cattle, and bison caused by Pasteurella multocida (PM). ...

Abstract View | Full Article View | DOI: 10.17352/jvi.000014

Open Access Research Article PTZAID:JVI-2-113

Supercritical Carbon Dioxide Extract of Seabuckthorn Leaves Enhances Rabies Virus Neutralizing Antibody Titers and CTL Response in Swiss Albino Mice

Published On: June 17, 2016 | Pages: 004 - 009

Author(s): B Jayashankar, D Singh, KP Mishra*, SN Madhusudana, Ashwin YB, SB Singh, and L Ganju

Introduction: Rabies is a viral disease that causes nearly thousands of death globally per year. Vaccination against rabies generates virus neutralizing antibodies and is the most successful and cost effective method of preventing the disease. ...

Abstract View | Full Article View | DOI: 10.17352/jvi.000013

Review Article

Open Access Review Article PTZAID:JVI-2-119

Immunoprophylactic Control Strategy for Tropical Fasciolosis: A Possibility

Published On: December 30, 2016 | Pages: 036 - 040

Author(s): Niranjan Kumar*, Prem Sagar Maurya, Jayesh B Solanki and Anil Kumar Mishra

Fasciolosis is a wide spread economically important helminthosis caused by Fasciola hepatica and F. gigantica and considered as a limiting factor for domestic livestock production. The strategic control measures against fasciolosis mainly depend upon judicious use of the anti-fluke drugs. ...

Abstract View | Full Article View | DOI: 10.17352/jvi.000019

Mini Review

Open Access Mini Review PTZAID:JVI-2-112

Introduction of Stereo Chemical Constraints into -Amino Acid Residues

Published On: March 14, 2016 | Pages: 001 - 003

Author(s): Chinnasamy Selvakkumar*, Karthikeyan Muthusamy and Sathishkumar Chinnasamy

Over the last 20 years, a large body of work in the literature has focused on the folded structures formed by peptide sequences containing backbone homologated residues. Currently increasing interest in peptide based vaccines for several infectious diseases, and non-infectious diseases. The work of Seebach in Zurich [1] and Gellman in Madison [2], established that oli ...

Abstract View | Full Article View | DOI: 10.17352/jvi.000012