



QK1700758

ISSN 1000-8721

CN 11-1865/R

2

2017

2017年 第33卷 第2期

Vol.33 No.2 2017

中国精品科技期刊

病毒学报

B I N G D U X U E B A O

CHINESE JOURNAL OF VIROLOGY



中国微生物学会

Chinese Society for Microbiology

目次

人类病毒研究论著

中国首次检出的 H12N2 亚型禽流感病毒的基因组特征和系统进化分析
..... 张恒,袁辉,陈涛,曾晓旭,赵翔,傅伟杰,谢昀,祝菲,焦铭,刘晓青,王大燕,舒跃龙(129)

卡波氏肉瘤相关疱疹病毒(KSHV)vIL-6 通过 IRF-3 负性调控 IFN- β 转录表达 徐妍妍,周国平,徐华国(136)

腺病毒 7d 基因型与 7b 基因型全基因组比较分析
..... 任洛,付扬喜,郑首燕,王鹏鹏,倪科,王莉佳,臧娜,谢晓虹,邓昱,刘恩梅(142)

中国大陆 1993~2013 年流行的麻疹病毒 H1 基因型的血凝素基因变异特征
..... 高凌玉,张燕,王慧玲,任丽,毛乃颖,许松涛,许文波(149)

中国六省水痘一带状疱疹病毒糖蛋白基因特征分析
..... 齐梦缘,吴秋华,杨玉颖,李云逸,牟君杰,李崇山,朱贞,许松涛,许晓光,许文波(156)

我国六省市腮腺炎病毒引起的脑炎脑膜炎构成及其流行特征分析 崔爱利,邱琪,
李芳彩,李俊华,王常银,许青,谢正德,刘钢,李琦,韩旭,张创业,任斌知,史伟,余鹏博,许文波,吴宏伟(163)

2009~2015 年中国山西省发热伴出疹症候群病毒性病原谱流行特征
..... 邱琪,柴志凯,郜慧,任斌知,常少英,许文波,王英,崔爱利(169)

埃及伊蚊浓核病毒(AaeDV)对致倦库蚊的致病性研究 王衍海,赖植发,顾金保(176)

2015 年~2016 年石家庄地区儿童病毒性脑炎病原学研究
..... 于盼辉,王信,李静洁,颜腾飞,陈晨,申辛欣,孙素真,马学军(180)

扎伊尔型埃博拉重组糖蛋白 GP-Fc 基因疫苗构建及免疫原性研究 杨韧,张晓光,王娇,朱莹,曹玉玺,曾毅(186)

HCV 感染人肝癌 Huh7.5.1 细胞后差异表达的 lncRNA 及其对细胞增殖的影响
..... 付忠晓,李舒,向田,谢焱,章晓联(192)

两例输入性登革病毒合并基孔肯雅病毒感染实验室检测
..... 张瑾,徐翻飞,薛晓宁,朱可,陈晓光,张娟,林元,张齐(200)

动物病毒研究论著

番鸭呼肠孤病毒感染诱导细胞自噬的研究
..... 吴异健,崔龙萍,黄诗杭,王全溪,吴晓平,周五朵,朱二鹏,黄一帆,吴宝成(205)

2011~2015 年中国 I 类新城疫病原学监测与遗传进化分析
..... 王静静,吕艳,赵云玲,郑东霞,左媛媛,于松梅,刘华雷,王志亮(211)

猪源 Viperin 蛋白抑制猪繁殖与呼吸综合征病毒感染 MARC-145 细胞 方剑玉,白娟,郭小参,白献晓,朱文豪,姜平(216)

表达猪圆环病毒 2 型 ORF2 基因的重组脑心肌炎病毒的构建与鉴定 李亮,范慧,武迪,王先炜,姜平,白娟(224)

昆虫病毒研究论著

中蜂囊状幼虫病毒结构蛋白 VP2 的密码子优化表达及其免疫原性研究
..... 李芳兵,费东亮,张皓淳,胡影,魏东,张鹤,岳金全,马鸣潇,曲祖乙(231)

慢性蜜蜂麻痹病毒 Ch1 株的编码区测序及其序列的分析
..... 魏东,钟义,张皓淳,姜莉莉,费东亮,胡影,李芳兵,张鹤,岳金全,马鸣潇(238)

ClanGV的PIF0与其他经口感染因子间的相互作用研究

..... 梁振普,吴慧,张小霞,张亲,王彩平,刘雅静,张俊庆,桑思瑶(245)

诊断检测方法研究论著

寨卡病毒IgG抗体间接ELISA检测方法的初步建立

..... 芑为,邢骁跃,张全福,张硕,李川,李建东,梁米芳,李德新(253)

一种通用的基于NSP5基因的A组轮状病毒荧光定量RT-PCR检测方法的建立

..... 曾渊君,李廷栋,鄢小琼,许红梅,杨晗,贾连智,李毅坚,罗国兴,葛胜祥,夏宁邵(258)

RFFIT、FAVN、ELISA及狂犬病中和抗体检测试剂盒对狂犬病抗体检测的比较研究

..... 于鹏程,由淑珍,卢学新,陶晓燕,刘淑清,纪军,朱武洋(265)

综述

HIV-Tat蛋白诱导神经细胞自噬的研究进展 李娟,杨根梦,仝品芬,李楨,曾晓锋,代解杰(269)

猫疱疹病毒1型分子生物学研究进展 牛江婷,伊淑帅,王开,董浩,胡桂学(274)

人肠道病毒EV-D68的研究进展 周振威,王涛(279)

SOCS家族蛋白在病毒感染中发挥的作用 侯敏,刘新,张文艳(284)

HIV潜伏感染激活剂的研究进展 王海鹏,陈承聪,王芳香,张莹莹,刘叔文,李琳(293)

简讯

猎枪瞄准 目标锁定“十三五”助力“病毒猎人”——“十三五”国家重点研发计划“重要新发突发病原体发生与

播散机制研究”项目正式启动 舒跃龙,周剑芳,肖恒怡,高海女(303)

信息

《病毒学报》获得中国精品科技期刊证书(2008年)(封二)

《病毒学报》入编《中文核心期刊要目总览》2014年版(第七版)之基础医学类核心期刊(封三)

《病毒学报》征稿简则(2016年11月21日修订)(插页)

《病毒学报》第六届编辑委员会成员名单(插页)

《病毒学报》获得中国科学引文数据(CSCD)来源期刊证书(2015~2016年)(插页)

《病毒学报》获得中国科技核心期刊收录证书(2016~2017年)(插页)

中国学术期刊影响因子年报(自然科学与工程技术,2015版)(插页)

病毒学报获得“RCCSE中国核心学术期刊”(2015~2016年)(插页)

《病毒学报》入选2016《中国学术期刊影响因子年报》统计源期刊(证书编号:LY2016-BDXB)(插页)

中国学术期刊影响因子年报(自然科学与工程技术,2016版)(插页)

2017年中国微生物学会及各专业委员会学术活动计划表(插页)

期刊基本参数:CN-11-1865/R*1985*b*A4*178*zh*P*78*700*28*2017-02

执行主编:王玉梅 执行编辑:蒋涛 助理编辑:胡大伟 英文专业审校:张智清 英文出版审校:王玉梅

CONTENTS

Human Virus Articles

- Genomic Characteristics and Phylogenetic Analyses of the First Avian Influenza H12N2 Subtype Virus Identified in China
 ZHANG Heng, YUAN Hui, CHEN Tao, ZENG Xiaoxu, ZHAO Xiang,
 FU Weijie, XIE Yun, ZHU Fei, JIAO Ming, LIU Xiaoqing, WANG Dayan, SHU Yuelong (135)
- Interleukin-6 from Kaposi's Sarcoma-associated Herpesvirus Negatively Regulates Expression of Interferon- β
 through Interferon Regulatory Factor-3 XU Yanyan, ZHOU Guoping, XU Huaguo (141)
- Comparative Genomics of Human Adenovirus 7d and 7b REN Luo, FU Yangxi, ZHENG Shouyan,
 WANG Lili, NI Ke, WANG Lijia, ZANG Na, XIE Xiaohong, DENG Yu, LIU Enmei (148)
- Genetic Characterization of the Hemagglutinin Genes of Genotype H1 Measles Virus in 1993~2013 in China
 GAO Lingyu, ZHANG Yan, WANG Huiling, REN Li, MAO Naiying, XU Songtao, XU Wenbo (155)
- Characterization of Glycoprotein Genes of the Varicella Zoster Virus in Six Chinese Provinces
 QI Mengyuan, WU Qihua, YANG Yuying, LI Yunyi, MOU Junjie, LI Chongshan, ZHU Zhen,
 XU Wenbo, XU Xiaoguang, XU Songtao (166)
- Detection and Epidemiological Characteristics of the Mumps Virus in Surveillance of Encephalitis and Meningitis
 in the Six Provinces of China
 CUI Aili, QIU Qi, LI Fangcai, LI Junhua, WANG Changyin, XU Qing, XIE Zhengde,
 LIU Gang, LI Qi, HAN Xu, ZHANG Chuangye, REN Binzhi, SHI Wei, YU Pengbo, XU Wenbo, WU Hongwei (168)
- Viral Pathogenic Spectrum and Epidemiological Features of Rash and Fever Syndrome in Shanxi Province, China,
 during 2009~2015 QIU Qi, CHAI Zhikai, GAO Hui,
 REN Binzhi, CHANG Shaoying, XU Wenbo, WANG Ying, CUI Aili (175)
- Pathogenicity of Aedes Aegypti Dengue Virus against Culex Quinquifasciatus
 WANG Yanhai, LAI Zhifa, GU Jinbao (179)
- Pathogen Spectrum of Viral Encephalitis in Children Living in Shijiazhuang, China, from 2015 to 2016
 YU Panhui, WANG Ji, LI Jingjie, YAN Tengfei, CHEN Chen, SHEN Xinxin, SUN Suzhen, MA Xuejun (185)
- Construction and Immunogenic Research of a Recombination Zaire Ebola Virus Glycoprotein GP-Fc DNA Vaccine
 YANG Ren, ZHANG Xiaoguang, WANG Jiao, ZHU Ying, CAO Yuxi, ZENG Yi (191)
- Differential Expression of Long Non-coding RNAs of Huh7.5.1 Cells After Infection with the Hepatitis C
 Virus and their Effects on Cell Proliferation
 FU Zhongxiao, LI Shu, XIANG Tian, XIE Yan, ZHANG Xiaolian (199)
- Identification of Imported Cases of Dual Infection with Dengue Virus and Chikungunya Virus
 ZHANG Jin, XU Hefei, XUE Xiaoning, ZHU Ke, CHEN Xiaoguang,
 ZHANG Juan, LIN Yuan, ZHANG Qi (204)

Animal Virus Articles

- Studies on Cellular Autophagy Induced by the Muscovy Duck Reovirus
 WU Yijian, CUI Longping, HUANG Shihang, WANG Quanxi, WU Xiaoping,
 ZHOU Wuduo, ZHU Erpeng, HUANG Yifan, WU Baocheng (210)
- Pathogenic Surveillance and Phylogenetic Analyses of Class-I Newcastle Disease Viruses from 2011 to 2015
 WANG Jingjing, LV Yan, ZHAO Yunling, ZHENG Dongxia,
 ZUO Yuanyuan, YU Songmei, LIU Hualei, WANG Zhiliang (215)

Swine Viperin Restricts Replication of the Porcine Reproductive and Respiratory Syndrome Virus

..... FANG Jianyu, BAI Juan, GUO Xiaocan, BAI Xianxia, ZHU Wenhao, JIANG Ping (223)

Construction and Identification of a Recombinant EMCV Expressing ORF2 of Porcine Circovirus Type 2

..... LI Liang, FAN Hui, WU Di, WANG Xianwei, JIANG Ping, BAI Juan (230)

Insect Articles

Optimized Expression of the VP2 Code of the Structural Protein of CSBV and its Immunogenicity

..... LI Fangbing, FEI Dongliang, ZHANG Haochun, HU Ying, WEI Dong, ZHANG He, YUE Jinjin, MA Mingxiao, QU Zuyi (237)

Sequencing and Sequence Analyses of the Coding Region of the Ch1 Strain of the Chronic Bee Paralysis Virus

..... WEI Dong, ZHONG Yi, ZHANG Haochun, JIANG Lili, FEI Dongliang, HU Ying, LI Fangbing, ZHANG He, YUE Jinjin, MA Mingxiao (244)

Identification of Interactions between PIF0 and the other PIFs of ClanGV

..... LIANG Zhenpu, WU Hui, ZHANG Xiaoxia, ZHANG Qin, WANG Caiping, LIU Yajing, ZHANG Junqing, SANG Siyao (252)

Diagnosis and Detection Articles

Development of an Indirect ELISA-based Serological Method for the Detection of IgG Antibodies to the Zika Virus

..... WU Wei, XING Xiaoyue, ZHANG Quanfu, ZHANG Shuo, LI Chuan, LI Jiandong, LIANG Mifang, LI Dexin (257)

Construction of a Real-time Fluorescent Quantitative RT-PCR for Detection of Group A Rotavirus

..... ZENG Yuanjun, LI Tingdong, YAN Xiaoqiong, XU Hongmei, YANG Han, JIA Lianzhi, LI Yijian, LUO Guoxing, GE Shengxiang, XIA Ningshao (264)

Comparative Study on the Detection of Rabies Antibodies using RFFIT, FAVN, ELISA and RVNA Kits

..... YU Pengcheng, YOU Shuzhen, LU Xuexin, TAO Xiaolan, LIU Shuqing, ZHU Wuyang, JI Jun (268)

Review of Literatures

Research Progress of in the Induction of Autophagy of Neuronal Cells by HIV-Tat Protein

..... LI Juan, YANG Genmeng, TONG Pinfen, ZENG Xiaofeng, DAI Jiejie (273)

Advances in Research on the Molecular Biology of Feline Herpesvirus-1

..... NIU Jiangting, YI Shushuai, WANG Kai, DONG Hao, HU Guixue (278)

Research Advances in Human Enterovirus D68

..... ZHOU Zhenwei, WANG Tao (283)

Role of SOCS Proteins During the Viral Infection

..... HOU Min, LIU Xin, ZHANG Wenyan (292)

Research Progress in HIV Latency-reversing Agents

..... WANG HaiPeng, CHEN Chengcong, WANG Fangxiang, ZHANG Xuanxuan, LIU Shuwen, LI Lin (302)

Communication

Mechanistic Study on the Occurrence and Spread of Emerging and Re-emerging Pathogens Wins the Support of the National Key Research and Development Program of China

..... SHU Yuelong, ZHOU Jianfang, XIAO Hengyi, GAO Hainv (306)

病毒学报

第33卷 第2期 2017年3月

(双月刊 1985年创刊)

主管单位 中国科学技术协会
主办单位 中国微生物学会
编辑 《病毒学报》编辑委员会
(北京西城区迎新街100号100052)

总编辑 舒跃龙
编辑部主任 王玉梅
出版 《病毒学报》编辑部
(北京西城区迎新街100号100052)
电话/传真: 8610-63536460
E-mail: bdx@chinajournal.net.cn

主页 <http://bdxb.cbpt.cnki.net>

印刷 北京昌平百善印刷厂
国内发行 北京市报刊发行局

订 阅 全国各地邮局

国外发行 中国国际图书贸易总公司

国际标准刊号 ISSN 1000-8721

国内统一刊号 CN 11-1865/R

国内邮发代号 82-227

国外发行代号 BM6448

CHINESE JOURNAL OF VIROLOGY

Vol.33 No.2 March 2017

(Bimonthly, Established in 1985)

Responsible Institution: China Association for Science
and Technology

Sponsored by Chinese Society for Microbiology

Edited by Editorial Board of Chinese Journal
of Virology (100 Ying Xin Jie, Xi Cheng Qu,
Beijing 100052, China)

Editor-in-Chief: SHU Yuelong

Director of Editorial Office: WANG Yumei

Published by Editorial Office of Chinese Journal
of Virology (100 Ying Xin Jie, Xi Cheng Qu,
Beijing 100052, China)

Tel/Fax: 8610-63536460

E-mail: bdx@chinajournal.net.cn

[Http://bdxb.cbpt.cnki.net](http://bdxb.cbpt.cnki.net)

Printed by Baishan Printing House, Changping District

Distributed by Beijing Bureau for Distribution
of Newspapers and Journals

Domestic Subscription: All Local Post Offices in China

Foreign: China International Book Trading Corporation

International Standard Serial Number: ISSN 1000-8721

Domestic Journal Number: CN 11-1865/R

Post Office Code: 82-227



ISSN 1000-8721



9 771000 872171

每册定价: 78元 全年定价: 468元

万方数据