

QK2057399 000-8721
CN 11-1865/R

6

2020

2020年 第36卷 第6期

Vol.36 No.6 2020

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

新型冠状病毒研究专题论著

- 新型冠状病毒一步法可视化恒温快速检测方法的建立梁瑞英,梁琳,贾亚雄,崔尚金(983)
- 2019冠状病毒病患者与无症状感染者不同暴露时间咽拭子和粪便标本病毒核酸检测结果分析
.....鲁丽娜,华春秀,张昱,闫一杰(989)
- COVID-19不同临床标本核酸和抗体结果特征及与病程相关性研究
.....马志强,王霖,杜映荣,高建鹏,冯悦,李才信,李晓琴,王辉,李琼秀,李海雯(997)
- 加热灭活对荧光定量逆转录PCR检测新型冠状病毒RNA影响分析叶慧,叶恒平,马肖,秦义组,李涛,柴瑜(1004)
- 新型冠状病毒抗体检测临床应用的初步研究李晓非,杜映荣,吕松琴,李婉澜,聂磊,徐丽萍,张娟,杨永锐(1009)
- 基于全基因组序列的新型冠状病毒 SARS-CoV-2多算法进化树分析傅奇,庄峙厦,黄华斌,何少贵,肖玉娟(1014)
- SARS-CoV-2毒株S蛋白突变及其影响的生物信息学分析毛亚萍,卞大伟(1020)

手足口病相关病毒研究专题论著

- 广东省2018年手足口病病原谱及柯萨奇病毒A10型基因特征分析
.....曾汉日,郑焕英,刘冷,杨芬,陆靖,李彩霞,方苓,李晖(1028)
- 2013~2018年泰安地区手足口病病原学构成及流行病学分析
.....吕静,魏希文,阴珊珊,张荣强,倪楠,张爱华,杨会利,侯佩强(1037)
- 细胞焦亡在肠道病毒A71型感染中的作用林乐勤,陈阳,郎秀娟(1043)
- 埃可病毒7型分离株全基因组序列分析邱晓枫,吕华坤,刘小东,潘劲草,汪皓秋,陈树昶(1050)
- 呼和浩特市暖季气象因素对手足口病发病的影响王宇倩,洪志敏,王晓磊,王虎虎(1059)
- 柯萨奇病毒A6病毒样颗粒的制备及免疫原性初步研究陈静,李波,李鹏飞,陈易,吴杰,王泽莹,孟胜利,申硕(1067)
- 柯萨奇病毒A组6型构象表位的生物信息学预测王丽萍,戎浩,方雨露,陈琴,董长征(1075)

人类病毒研究论著

- 人H组轮状病毒免疫荧光检测方法的建立庞立丽,白爱英,卿钰,张佳艳,李伯阳,章青,李丹地,梁未丽,阙枫,段招军(1085)
- 人B组轮状病毒荧光定量RT-PCR检测方法的建立
.....毛彤瑶,李金松,王萌璇,刘诗琪,孙晓曼,庞立丽,张佳艳,裴银辉,段招军,李丹地(1092)
- miR-146b-5p通过靶向PDHB调节乙型肝炎病毒相关性肾炎生物学功能张玉娟,钱峻,丁晓兰(1101)
- miR-21靶向PDCD4调控HPV16+及HPV18+宫颈癌细胞增殖的实验研究刘文博,陈玲玲,曹丽娟(1109)
- 鼠神经生长因子对巨细胞病毒神经系统感染小鼠海马组织氧化应激及细胞凋亡的影响陈宾,邢舒旺,陈宗文,陈丽(1115)
- 福建省2015~2018年风疹病毒分子流行病学特征陈致飞,张苏晗,李东,张海荣,杨秀惠(1123)
- 云南省两医疗机构腹泻儿童腺病毒感染分子生物学特征曹亿会,乔思发,寸建萍,周晓芳,姜黎黎,向以斌(1133)
- 优化Ⅲ型脊髓灰质炎病毒在Vero细胞中的增殖条件沈武玲,蔡玮,平玲,张名,牛杰,高娜,彭佳,葛进,唐聪,周健(1138)

动物病毒研究论著

非洲猪瘟病毒p54蛋白单克隆抗体的制备与鉴定

···郑丁丁, 逢文强, 王衡, 孙哲, 黄甜, 王彦伟, 郝丽影, 曹红梅, 李雪峰, 周莹, 白晨雨, 陈凌燕, 邓均华, 张桂红, 田克恭(1143)

一株无Sf-RV污染的Sf9细胞株生长特性及其在杆状病毒表达系统中的应用

·····苗丽, 侯玉婷, 刘发明, 朱蕾, 吴海华, 宋力强, 赵雪, 杨屹, 许雪梅, 郭世杰(1151)

新型冠状病毒研究专题综述

SARS-CoV-2 S蛋白: 研究进展与挑战 ······刘晓瑜, 魏永伟(1157)

新型冠状病毒受体血管紧张素转换酶2的研究进展 ······郭建淑, 张燕, 孙学春, 钟萍(1165)

基于实时荧光RT-PCR法对新型冠状病毒核酸检测的研究 ······梁圣楠, 刘漩, 梅金红(1171)

综述

假病毒技术在新发病病毒性传染病防控产品评价中的应用 ······黄维金, 王佑春(1177)

HIV-1假病毒应用的优势与弊端 ······张林才, 侯宗捷, 王越, 姜宇, 王杰, 李飞鸿, 许亚宁, 谭继英, 乔瑞娟(1187)

呼吸道感染样本病毒宏基因组学技术及其应用进展 ······陈静, 牛培华, 谭文杰(1193)

寨卡病毒及其与宿主蛋白相互作用研究进展 ······任琴, 杜寿文, 吕孔鹏, 张星艳, 戴少波, 李体远, 田明尧, 吴诗品, 李昌(1201)

乙型流感病毒致病力相关分子标记研究进展 ······周丽娟, 朱闻斐, 舒跃龙(1208)

干扰素抗诺如病毒感染的研究进展 ······李伯阳, 段招军, 庞立丽(1213)

期刊基本参数: CN-11-1865/R * 1985 * b * A4 * 238 * zh * P * 128 * 1200 * 33 * 2020-06

执行主编: 王玉梅 * 责任编辑: 王玉梅 刘向东 助理执行编辑: 胡大伟

专业英文审校: 张智清 出版英文审校: 王玉梅

#排名不分先后

CONTENTS

Novel Coronavirus Articles

- Establishment of a New Method for Rapid Detection of SARS-CoV-2 by Visual LAMP (Without Nucleic Acid Extraction)
LIANG Ruiying, LIANG Lin, JIA Yaxiong, CUI Shangjin (988)
- Analyses of the Nucleic Acids of SARS-CoV-2 from Pharyngeal Swabs and Fecal Specimens in COVID-19 Patients and Asymptomatic SARS-CoV-2 Infected Persons at Different Exposure TimesLU Lina, HUA Chunxiu, ZHANG Yu, YAN Yijie (996)
- Characteristics of SARS-CoV-2 Nucleic Acids and Serum Antibodies in Different Clinical Specimens and Their Correlation with the Course of COVID-19
MA Zhiqiang, WANG Lin, DU Yingrong, GAO Jianpeng, FENG Yue, LI Caixin, LI Xiaoqin, WANG Hui, LI Qiongxiu, LI Haiwen (1003)
- Effect of Heat Inactivation on the Detection of the RNA of SARS-CoV-2 by RT-qPCR
YE Hui, YE Hengping, MA Xiao, QIN Yizu, LI Tao, CHAI Yu (1008)
- Detection Method for Antibodies Against SARS-CoV-2 and Clinical Application
LI Xiaofei, DU Yingrong, LYU Songqin, LI Wanlan, NIE Lei, XU Liping, ZHANG Juan, YANG Yongrui (1013)
- Analyses of SARS-CoV-2 with Multi-Algorithm Phylogenetic Trees Based on Whole Genome Sequences
FU Qi, ZHUANG Zhixia, HUANG Huabin, HE Shaogui, XIAO Yujuan (1019)
- Bioinformatics Analysis of Mutations in the Spike Protein of SARS-CoV-2 and Their EffectsMAO Yaping, BIAN Dawei (1027)

Hand Foot and Mouth Disease-associated Virus Articles

- Etiological Spectrum of HFMD and Genetic Characteristics of Coxsackievirus A10 in Guangdong Province, China, in 2018
ZENG Hanri, ZHENG Huanying, LIU Leng, YANG Fen, LU Jing, LI Caixia, FANG Ling, LI Hui (1036)
- Etiological and Epidemiological Analysis of Hand, Foot, and Mouth Disease in Taian, China, 2013-2018
LYU Jing, WEI Xiwen, YIN Shanshan, ZHANG Rongqiang, NI Nan, ZHANG Aihua, YANG Huili, HOU Peiqiang (1042)
- Pyroptosis Supports Enterovirus A71 InfectionLIN Lexun, CHEN Yang, LANG Xiujuan (1049)
- Complete Genome Sequence of the Echovirus 7 Strain Isolated in Zhejiang Province, China
QIU Xiaofeng, LYU Huakun, LIU Xiaodong, PAN Jinciao, WANG Haoqiu, CHEN Shuchang (1058)
- Influence of Climate Factors in Warm Season in Hohhot, China, on the Incidence of Hand, Foot, and Mouth Disease
WANG Yuqian, HONG Zhimin, WANG Xiaolei, WANG Huhu (1066)
- Preparation and Humoral Immunogenicity Analysis of Coxsackievirus A6 Virus-Like Particles
CHEN Jing, LI Bo, LI Pengfei, CHEN Yi, WU Jie, WANG Zejun, MENG Shengli, SHEN Shuo (1074)
- Bioinformatics-Based Prediction of Conformational Epitopes for Coxsackievirus A6
WANG Liping, RONG Hao, FANG Yulu, CHEN Qin, DONG Changzheng (1084)

Human Virus Articles

- Development of an Immunofluorescence Method for Detection of Human Rotavirus H
PANG Lili, BAI Aiyang, QING Yu, ZHANG Jiayan, LI Boyang, ZHANG Qing, LI Dandi, LIANG Weili, KAN Biao, DUAN Zhaojun (1091)
- Real-Time Reverse Transcriptase Polymerase Chain Reaction for Detection and Quantification of Human Group B Rotavirus
MAO Tongyao, LI Jinsong, WANG Mengxuan, LIU Shiqi, SUN Xiaoman, PANG Lili, ZHANG Jiayan, PEI Yinhui, DUAN Zhaojun, LI Dandi (1100)

MiR-146-5p Regulates the Biologic Function of Hepatitis B Virus-Associated Glomerulonephritis by Targeting PDHB
ZHANG Yujuan, QIAN Jun, DING Xiaolan (1108)

Study on MiR-21 Regulating the Proliferation of HPV16+ and HPV18+ Cervical Cancer Cells via Targeting PDCD4
LIU Wenbo, CHEN Lingling, CAO Lijuan (1114)

Effects of Mouse Nerve Growth Factor on Oxidative Stress and Apoptosis in the Hippocampus of Mice with Cytomegalovirus Infection of the Nervous System
CHEN Bin, XING Shuwang, CHEN Zongwen, CHEN Li (1122)

Molecular Epidemiology of the Rubella Virus in Fujian Province, China, During 2015-2018
CHEN Zhifei, ZHANG Suhan, LI Dong, ZHANG Hairong, YANG Xiuhui (1132)

Molecular Biological Characteristics of Adenovirus Infection in Children with Diarrhea in Two Medical Institutions in Yunnan Province, China
CAO Yihui, QIAO Enfa, CUN Jianping, ZHOU Xiaofang, JIANG Lili, XIANG Yibin (1137)

Optimizing the Multiplication Conditions for Type 3 Poliovirus in Vero Cells
SHEN Wuling, CAI Wei, PING Ling, ZHANG Ming, NIU Jie, GAO Na, PENG Jia, GE Jin, TANG Cong, ZHOU Jian (1142)

Animal Virus Articles

Preparation and Identification of Monoclonal Antibodies Against the Recombinant p54 Protein of African Swine Fever Virus
ZHENG Dingding, PANG Wenqiang, WANG Heng, SUN Zhe, HUANG Tian, WANG Yanwei, HAO Liying, CAO Hongmei, LI Xuefeng, ZHOU Ying, BAI Chenyu, CHEN Lingyan, DENG Junhua, ZHANG Guihong, TIAN Kegong (1150)

Growth Characteristics of a Sf9 Cell Line Without Sf-RV Contamination and Its Application in Baculovirus Insect Cell System (BICS)
MIAO Li, HOU Yuting, LIU Faming, ZHU Lei, WU Haihua, SONG Liqiang, ZHAO Xue, YANG Yi, XU Xuemei, GUO Shijie (1156)

Review of Literatures of Novel Coronavirus

S Protein of SARS-CoV-2: Research Progress and ChallengesLIU Xiaoyu, WEI Yongwei (1164)

Research Progress on Angiotensin Converting Enzyme 2 as the Receptor of SARS-CoV-2
GUO Jianshu, ZHANG Yan, SUN Xuechun, ZHONG Ping (1170)

Real-Time Fluorescent RT-PCR-Based Nucleic Acid Detection Methods for SARS-CoV-2
LIANG Shengnan, LIU Xuan, MEI Jinhong (1176)

Review of Literatures

The Application of Pseudotyped Virus Technology in the Evaluation of Prevention and Control Products for New Emergent Viral Infectious DiseaseHUANG Weijin, WANG Youchun (1186)

Advantages and Disadvantages of Application of Pseudoviruses for HIV-1
ZHANG Lincui, HOU Zongjie, WANG Yue, JIANG Yu, WANG Jie, LI Feihong, XU Yaning, TAN Jiyong, QIAO Ruijuan (1192)

Research Progress in Viral Metagenomics for Samples from Patients with Respiratory-Tract Infections
CHEN Jing, NIU Peihua, TAN Wenjie (1200)

Research Progress on Zika Virus and Its Interactions with Host Proteins
REN Qin, DU Shouwen, LYU Kongpeng, ZHANG Xingyan, DAI Shaobo, LI Tiyan, TIAN Mingyao, WU Shipin, LI Chang (1207)

Advances in Molecular Markers Related to the Pathogenicity of Influenza B Viruses
ZHOU Lijuan, ZHU Wenfei, SHU Yuelong (1212)

Research Progress in Use of Interferon Against Norovirus InfectionLI Boyang, DUAN Zhaojun, PANG Lili (1220)

Executive Editor-in-Chief: WANG Yumei

Professional English Reviewer: ZHANG Zhiqing

Publishing English Reviewer: WANG Yumei

病毒学报

第36卷 第6期 2020年11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
执行主编/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>

印刷装订 北京科信印刷有限公司
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

国际标准连续出版物号 ISSN 1000-8721

国内统一连续出版物号 CN 11-1865/R

国内邮发代号 82-227

国外发行代号 BM6448

CHINESE JOURNAL OF VIROLOGY

Vol.36 No.6 November 2020

(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

Executive Editor/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)

Beijing Kexin Printing Co., Ltd.

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

CN Serial Numbering: CN 11-1865/R

Post Office Code: 82-227



ISSN 1000-8721



每册定价: 128元 全年定价: 768元

万方数据

