



中国科技论文统计源期刊
中文核心期刊要目总览（北大图书馆）

ISSN 1671-7856
CN 11-4822/R

ZHONGGUO BIJIAO YIXUE ZAZHI

中国比较医学杂志

CHINESE JOURNAL OF COMPARATIVE MEDICINE

原名《中国实验动物学杂志》



主办 中国实验动物学会
中国医学科学院医学实验动物研究所

2021 **6**

邮发代号：82-917
第31卷（第6期）Vol.31 No.6
ISSN 1671-7856



9 771671 785145



目次

(本刊已入编“中文核心期刊要目总览”)

研究报告

- TRPM8 参与薄荷醇对炎症因子负调控作用的机制…………… 余焯,杜力军,秦川(1)
- 雷帕霉素对 DDC 诱导小鼠原发性硬化性胆管炎的治疗效果研究……………
…………… 周倩扬,杨慧敏,李静,徐娜,刘继鑫,张蓓蓓,于倩,郑葵阳,颜超(9)
- 小鼠肝癌原位移植性肿瘤动物模型的改良……………
…………… 罗晓琴,丁冠茗,郑旭,金京燕,刘阳,张楠,王靖宇,王爱国(16)
- 牡荆苷对 MPTP 诱导的帕金森病模型小鼠行为学、神经递质及脑黑质多巴胺能神经元凋亡的影响……………
…………… 黄鑫,杨增艳,黎丽,陈少锋(23)
- 槲皮素对口腔癌 Tca-8113 细胞增殖、迁移和侵袭的影响及 PI3K/AKT 信号通路的调控作用……………
…………… 肖兰飞,高继萍,闫晓如,王晓堂,续国强,宋国华(30)
- 基于数据库分析 *HRH3* 在肝癌中的功能作用及临床意义…………… 胡艳芬,张文桃,朱剑军,吴昊,刘铭(35)
- 葛根素减轻辐射诱发的大鼠急性肠黏膜损伤的实验研究……………
…………… 左振魁,韩佳瑞,计树灵,贺璐璐,段晓宇,范飒,祝康杰(41)
- 电针对脑缺血大鼠突触可塑性及小胶质细胞极化的影响…………… 徐琼,刘建浩,王天磊,谭春风(48)
- 环磷酸胺腹腔注射诱导建立大鼠间质性膀胱炎模型的优化…………… 陈彪,董熙远(56)
- 红景天苷对小鼠高氧肺损伤的保护作用及对 Notch 信号通路的调节机制研究……………
…………… 朱文亮,黄晓佩,邱实,冯凌霄,邵换璋(62)
- 通心络胶囊对大鼠低压低氧暴露后炎症反应和脑组织水肿及认知功能的影响……………
…………… 刘鹏飞,胡艳婷,姜静雯,赵晟,邓会,薛新颖,潘磊,崔磊,王勇,乔辉,李天佐,赵斌江(69)
- 基于 LIGHT/HVEM 通路研究白藜芦醇对子痫前期大鼠肾损伤的保护作用研究……………
…………… 符海内,汪洪林,张林静,张蕾,符大天(77)
- 神曲消食口服液对功能性消化不良小鼠胃肠运动的影响及机制……………
…………… 张丛敏,朱晓静,魏金钊,李红亚,李彩霞,唐卉,靳晨晨,赵永才(83)
- 姜黄素对妊娠高血压大鼠急性肾损伤的保护作用…………… 杨明凤,冉利梅(89)

研究进展

- 全外显子组测序在自身免疫性疾病中的研究进展……………
…………… 马晓敏,王欣,姚新生,谭贵琴,周芳宇,魏文文,于红松(95)

睾丸孤核受体 4 在前列腺癌发生、发展和治疗中的作用研究进展	段红莉,徐东东,石宏,王绍波(102)
中药调控肠道菌群干预酒精性肝病的研究进展	厉颖,李灿委,范孟然,王雪雪,陶柱萍,刘卫红,尹爱武,高鹏飞(107)
心律失常动物模型研究进展	姜笑雨,张连峰,吕丹(116)
骨髓间充质干细胞治疗阿尔兹海默病模型小鼠研究进展	路亚岚,石桂英,王克维,白琳(122)
干细胞移植治疗 1 型糖尿病的研究进展	张芮,司维(128)
星形胶质细胞对阿尔兹海默病的双向作用	原野,余姊阳,邵思迈,史洺,张紫娟,郝莉,张振强(133)
趋化因子和小胶质细胞在阿尔茨海默病神经炎症中的作用研究进展	王佳,张丽,隗和儒,翟悦怡,刘树锋,张连峰(139)
简讯	(22)
广告信息	(内插 1~6,封二,封三)

主 管

中国科学技术协会

主 办

中国实验动物学会
中国医学科学院医学实验动物研究所

主 编

秦 川

编辑部主任

李继平

编 辑

《中国比较医学杂志》编辑部

出 版

《中国比较医学杂志》编辑部

发 行

《中国比较医学杂志》编辑部
100021,北京市朝阳区潘家园南里 5 号
电话:010-67779337
传真:010-67770690
E-mail: bjb@cnilas.org
<http://zgswdw.cnjournals.com/zgbjyxzz/ch/index.aspx>

本期执行主编 陈永昌

本期责任编辑 董令赢 段永豪

广告发布登记

京朝工商广登字 20170142 号

照 排

同方知网(北京)技术有限公司

印 刷

北京博海升彩色印刷有限公司

邮发代号

82-917

定 价

每期 50.00 元,全年 600 元

中国标准连续出版物号

ISSN 1671-7856
CN 11-4822/R

2021 年版权归中国实验动物学会所有

本刊已入万方数据网络和中国学术期刊(光盘版)电子杂志、中文生物医学期刊文献数据库、中国实验动物信息网和中国实验动物学会网站等网络文献数据库,如不同意自己论文入网,请在来稿中声明。编辑部支付的稿酬已包含上述网站著作权使用费。本刊电子版出版发行合作伙伴:中邮阅读网:www.183read.com

CHINESE JOURNAL OF COMPARATIVE MEDICINE

Monthly Established in March 1991 Volume 31, Number 6, June 30, 2021

CONTENTS

- Role of TRPM8 in negative regulation of inflammatory factors by menthol
..... YU Xuan, DU Lijun, QIN Chuan(1)
- Therapeutic effect of rapamycin in DDC-induced primary sclerosing cholangitis in mice ZHOU Qianyang,
YANG Huimin, LI Jing, XU Na, LIU Jixin, ZHANG Beibei, YU Qian, ZHENG Kuiyang, YAN Chao(9)
- Improved mouse model of orthotopic transplantation for hepatocellular carcinoma LUO Xiaoqin,
DING Guanming, ZHENG Xu, JIN Jingyan, LIU Yang, ZHANG Nan, WANG Jingyu, WANG Aiguo(16)
- Effects of vitexin on behavior, neurotransmitter levels, and dopaminergic neuron apoptosis in mice with MPTP-in-
duced Parkinson's disease HUANG Xin, YANG Zengyan, LI Li, CHENG Shaofeng(23)
- Effect of quercetin on cell proliferation, migration, and invasion and PI3K/AKT signaling pathway regulation in the
oral cancer cell line Tca-8113
..... XIAO Lanfei, GAO Jiping, YAN Xiaoru, WANG Xiaotang, XU Guoqiang, SONG Guohua(30)
- Functional roles and clinical significance of *HRH3* in hepatocellular carcinoma: a database analysis
..... HU Yanfen, ZHANG Wentao, ZHU Jianjun, WU Hao, LIU Ming(35)
- Use of puerarin to alleviate radiation-induced acute intestinal mucosal injury in rats
..... ZUO Zhenkui, HAN Jiarui, JI Shuling, HE Lulu, DUAN Xiaoyu, FAN Sa, ZHU Kangjie(41)
- Effects of electroacupuncture on synaptic plasticity and microglial polarization in rats with cerebral ischemia
..... XU Qiong, LIU Jianhao, WANG Tianlei, TAN Chunfeng(48)
- Optimization of establishment of a rat model of cyclophosphamide-induced interstitial cystitis
..... CHEN Biao, DONG Xiyuan(56)
- Protective effect of salidroside on hyperoxic lung injury in mice and regulatory mechanism of Notch signaling
pathway ZHU Wenliang, HUANG Xiaopei, QIU Shi, FENG Lingxiao, SHAO Huanzhang(62)
- Effects of tongxinluo capsule on hippocampal inflammation, brain edema, and cognitive function of rats exposed to
acute hypobaric hypoxia LIU Pengfei, HU Yanting, JIANG Jingwen, ZHAO Sheng,
DENG Hui, XUE Xinying, PAN Lei, CUI Lei, WANG Yong, QIAO Hui, LI Tianzuo, ZHAO Binjiang(69)
- Protective effect of resveratrol on renal injury in rats with preeclampsia based on LIGHT/HVEM pathway
..... FU Hainei, WANG Honglin, ZHANG Linjing, ZHANG Lei, FU Datian(77)
- Effects and mechanism of Shenqu Xiaoshi oral liquid on gastrointestinal motility in mice with functional dyspepsia
..... ZHANG Congmin,
ZHU Xiaojing, WEI Jinkai, LI hongya, LI Caixia, TANG hui, JIN chenchen, ZHAO Yongcai(83)

Protective effect of curcumin on acute kidney injury in rats with pregnancy-induced hypertension .....	.....
.....	..... YANG Mingfeng, RAN Limei (89)
Progress in research of whole-exon sequencing in patients with autoimmune diseases .....	.....
.....	..... MA Xiaomin, WANG Xin, YAO Xinsheng, TAN Guiqin, ZHOU Fangyu, WEI Wenwen, YU Hongsong (95)
Recent advances in the role of testicular orphan nuclear receptor 4 in the initiation, advancement, and treatment of prostate cancer .....	.....
.....	..... DUAN Hongli, XU Dongdong, SHI Hong, WANG Shaobo (102)
Progress in research of traditional Chinese medicine for regulation of gut microbiota in patients with alcoholic liver disease .....	.....
.....	..... LI Ying, LI Canwei, FAN Mengran, WANG Xuexue, TAO Zhuping, LIU Weihong, YIN Aiwu, GAO Pengfei (107)
Progress in research using animal models of arrhythmia .....	.....
.....	..... JIANG Xiaoyu, ZHANG Lianfeng, LYU Dan (116)
Progress in research using mouse models of bone marrow mesenchymal stem cell transplantation for treatment of Alzheimer's disease .....	.....
.....	..... LU Yalan, SHI Guiying, WANG Kewei, BAI Lin (122)
Progress in the treatment of type 1 diabetes mellitus with stem cell transplantation ...	.....
.....	..... ZHANG Rui, SI Wei (128)
Bidirectional effect of astrocytes on Alzheimer's disease .....	.....
.....	..... YUAN Ye, YU Ziyang, SHI Ming, SHAO Simai, ZHANG Zijuan, HAO Li, ZHANG Zhenqiang (133)
Progress in research on the role of chemokines and microglia in the neuroinflammation of Alzheimer's disease ...	.....
.....	..... WANG Jia, ZHANG Li, WEI Heru, ZHAI Yueyi, LIU Shufeng, ZHANG Lianfeng (139)

Responsible Institution

China Association for Science and Technology

Sponsor

Chinese Association for Laboratory Animal Sciences
 Institute of Laboratory Animal Sciences,
 Chinese Academy of Medical Sciences

Editor-in-Chief

QIN Chuan(秦川)

Managing Editor

LI Jiping(李继平)

Editing

Editorial Office of Chinese Journal of Comparative Medicine

Publishing

Editorial Office of Chinese Journal of Comparative Medicine

Distributor

Editorial Office of Chinese Journal of Comparative Medicine
 5 Pan Jia Yuan Nan Li, Chaoyang District, Beijing 100021
 Tel: 010 - 67779337
 Fax: 010 - 67770690
 E-mail: bjb@cnilas.org
<http://zgsgydw.cnjournals.com/zgbjyxzz/ch/index.aspx>

CSSN

ISSN 1671-7856
 CN 11-4822/R

Copyright 2021 by the Chinese Association for Laboratory Animal Sciences