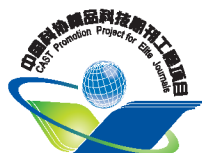


ISSN 1005-4847

CN 11-2986/Q

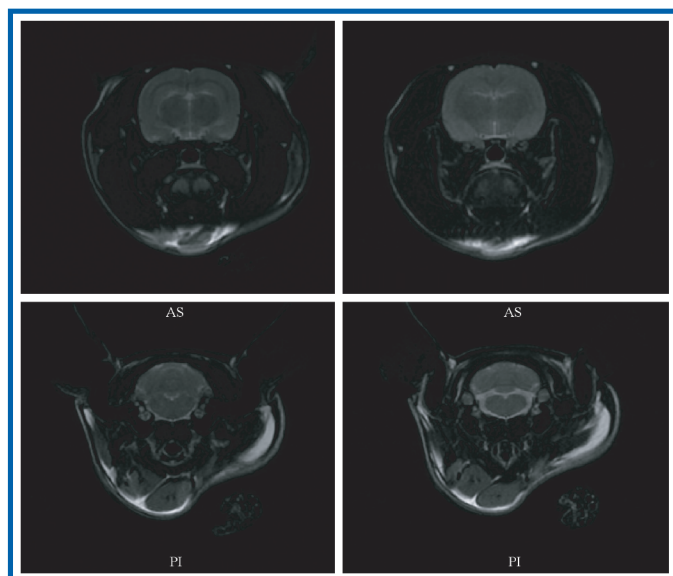


ACTA LABORATORIUM
ANIMALIS SCIENTIA SINICA

中国实验动物学报

ZHONGGUO SHIYAN DONGWU XUEBAO

第28卷 第4期 / Vol.28 No.4



马全鑫：高脂血症易感(WSHc)大鼠自发性后肢
瘫痪的病征特点研究

主办单位：

中国实验动物学会

中国医学科学院医学实验动物研究所

ISSN 1005-4847



9 771005 484140

2020

4

万方数据

中国实验动物学报

ACTA LABORATORIUM ANIMALIS SCIENTIA SINICA

双月刊 1993 年 6 月创刊

第 28 卷 第 4 期 2020 年 8 月 30 日出版

目次

研究报告

- 大鼠孤束核微量注射的定位初探 舒晴,邵雨薇,田峻,杨亚南(429)
- 脂多糖诱导 SD 大鼠膝关节成纤维样滑膜细胞炎症模型建立及特征分析
..... 熊翱,熊仁平,彭艳,李宇,江旭,许建中(436)
- 子宫内位异位症纤维化小鼠模型构建方法及其应用 毕艳丽,倪喆鑫,李溪,俞超芹(447)
- 小鼠及猕猴 Graves 病动物模型的比较研究 王悦,张萌,赵凤仪,伍丽萍,施秉银(455)
- 甘青虎耳草乙酸乙酯提取物对小鼠肝癌细胞及原位移植瘤的抑制作用 崔玮,丁玲强,曾巧英(463)
- 清肺透邪汤介导 NLRP3 炎性小体抑制 NF- κ B 信号通路改善肺炎支原体小鼠炎症反应
..... 王子,王雪峰,吴振起(470)
- 高脂血症易感(WSHc)大鼠自发性后肢瘫痪的病症特点研究
..... 马全鑫,张利棕,郁晨,戎亦骊,徐松涛,蔡月琴,沈利叶,陈民利(478)
- 异丙肾上腺素诱导心脏肥大大鼠的血清代谢组学研究
..... 汤喜兰,徐国良,董伟,李洪铭,邱俊辉,孙楠,刘芳,刘思宇,李冰涛(486)
- 电针对炎性痛大鼠背根神经节卫星胶质细胞活化和 P2X7 受体表达的干预
..... 周游,汪雯,蔡杨乾,杜俊英,邵晓梅,蒋永亮,刘伯一,高宏,梁宜,方剑乔(494)
- 肠易激综合征内脏高敏模型不同制作方法的比较研究
..... 张薇,赵映,郑倩华,黎明,张健强,李瑛,蔡定均(503)
- 高尿酸血症及其并发症大鼠模型的建立
..... 陈林军,杨焱,吴迪,陈万超,董国超,乔徐馨,吴春燕,李婷婷(510)
- 马齿苋/甘草/蒲公英及其复方改善 2 型糖尿病大鼠胰岛素抵抗的实验研究
..... 李敏,杨晨,傅超慧,熊一功,凌云(517)
- 大鼠阴道炎模型的建立与评价 彭冬冬,董珂,厉巧,周志敏,肖洒,姜德建(525)

人凝血因子 IX 基因在小鼠脂肪干细胞中的稳定表达
..... 李杰,谢燕燕,王馨,王霖虹,和红霞,孙庆云,晏亚辉,闫振宇(532)

深度水解蛋白的无乳糖奶粉在无菌大鼠培育中的应用研究 ... 张佳,李永军,屈玲玲,毛孙炳,李兰娟(539)

研究进展

肩袖肌腱损伤诱导性动物模型构建评价及研究进展 许博洋,庞小娟,曾禹铭,周严冬,郭义(545)

急性机械性脊髓损伤动物模型研究进展 刘海峰,王斌,赵斌(551)

小鼠移植性肺癌转移模型研究进展 张娜,田燕歌,刘学芳,王琦(557)

不同 COPD 动物模型特点及应用的研究进展 陈美凤,加慧,夏书月(563)

食物过敏小鼠模型研究进展 王峥,李秀敏,苗晋鑫(570)

肿瘤坏死因子在斑马鱼-海分枝杆菌模型中的研究进展 杨建伟,何树梅,樊红艳,刘红旭(578)

广告 (封二,封三,内插)

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

《中国实验动物学报》编辑部

出 版

《中国实验动物学报》编辑部

发 行

《中国实验动物学报》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/sydwbybjyx/ch/index.aspx>

本期执行主编 黄 韧

本期责任编辑 郭梦征 董令赢

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

2-748

广告发布登记

京朝工商广登字 20170142 号

定 价

每期 50.00 元,全年 300.00 元

中国标准连续出版物号

ISSN 1005-4847

CN 11-2986/Q

2019 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

ACTA LABORATORIUM ANIMALIS SCIENTIA SINICA

Bimonthly, Established in June 1993

Volume 28, Number 4, August 30, 2020

CONTENTS

Preliminary investigation of localization of solitary nucleus microinjection in rats	
.....	SHU Qing, SHAO Yuwei, TIAN Jun, YANG Yanan(429)
Establishment and characteristic analysis of a model of knee fibroblast-like synoviocytes in lipopolysaccharide-induced Sprague-Dawley rats	
.....	XIONG Ao, XIONG Renping, PENG Yan, LI Yu, JIANG Xu, XU Jianzhong(436)
Establishment and application of a mouse model of endometriosis with fibrosis	
.....	BI Yanli, NI Zhexin, LI Xi, YU Chaoqin(447)
Comparison of mouse and rhesus monkey models of Graves' disease	
.....	WANG Yue, ZHANG Meng, ZHAO Fengyi, WU Liping, SHI Bingyin(455)
Inhibitory effect of EtOAc extract from <i>Saxifraga taugutica</i> on hepatocellular carcinoma cells and orthotopic-transplanted tumors in mice	
.....	CUI Wei, DING Lingqiang, ZENG Qiaoying(463)
Qingfei Touxie decoction mediates NLRP3 inflammasome inhibition of the NF- κ B signaling pathway and improves inflammatory responses in mice with <i>Mycoplasma pneumoniae</i>	
.....	WANG Zi, WANG Xuefeng, WU Zhenqi(470)
Study of the disease characteristics of spontaneous hindlimb paralysis in hyperlipidemia-susceptible (WSHc) rats	
MA Quanxin, ZHANG Lizong, YU Chen, RONG Yili, XU Songtao, CAI Yueqin, SHEN Liye, CHEN Minli(478)	
Serum metabolomics study of cardiac hypertrophy in an isoproterenol-induced rat model	
TANG Xilan, XU Guoliang, DONG Wei, LI Hongming, QIU Junhui, SUN Nan, LIU Fang, LIU Siyu, LI Bingtao(486)	
Effect of electroacupuncture on activation of satellite glial cells and P2X7 receptor in the DRG of rats with chronic inflammatory pain	
.....	ZHOU You, WANG Wen, CAI Yangqian, DU Junying, SHAO Xiaomei, JIANG Yongliang, LIU Boyi, GAO Hong, LIANG Yi, FANG Jianqiao (494)
Methods for establishing rat models of irritable bowel syndrome visceral hypersensitivity	
.....	ZHANG Wei, ZHAO Ying, ZHENG Qianhua, LI Ming, ZHANG Jianqiang, LI Ying, CAI Dingjun(503)
Establishment of a rat model of hyperuricemia and its complications	
.....	CHEN Linjun, YANG Yan, WU Di, CHEN Wanchao, DONG Guochao, QIAO Xuxin, WU Chunyan, LI Tingting(510)

Study of purslane/licorice/dandelion compound on insulin resistance in type 2 diabetic rats	
.....	<i>LI Min, YANG Chenyu, FU Chaohui, XIONG Yigong, LING Yun</i> (517)
Establishment and evaluation of a rat model of vaginitis	
.....	<i>PENG Dongdong, DONG Ke, LI Qiao, ZHOU Zhimin, XIAO Sa, JIANG Dejian</i> (525)
Stable expression of human coagulation factor IX in mouse adipose-derived stem cells	
	<i>LI Jie, XIE Yanyan, WANG Xin, WANG Linhong, HE Hongxia, SUN Qingyun, YAN Yahui, YAN Zhenyu</i> (532)
Applications for deep hydrolyzed protein-lactose-free milk powder in germ-free rat cultivation	
.....	<i>ZHANG Jia, LI Yongjun, QU Lingling, MAO Sunbing, LI Lanjuan</i> (539)
Evaluation and progress of the construction of a rotator cuff tendon injury-induced animal model	
.....	<i>XU Boyang, PANG Xiaojuan, ZENG Yuming, ZHOU Yandong, GUO Yi</i> (545)
Research progress in the establishment of animal models of acute spinal cord injury	
.....	<i>LIU Haifeng, WANG Bin, ZHAO Bin</i> (551)
Research progress in the metastatic model of transplanted lung cancer in mouse	
.....	<i>ZHANG Na, TIAN Yange, LIU Xuefang, WANG Qi</i> (557)
Research progress on the characteristics of animal models of chronic obstructive pulmonary disease and related clinical applications	
	<i>CHEN Meifeng, JIA Hui, XIA Shuyue</i> (563)
Advances in murine models for food allergies	<i>WANG Zheng, LI Xiumin, MIAO Jinxin</i> (570)
Research progress regarding the role of tumor necrosis factor in a zebrafish-mycobacterium marinum model	
.....	<i>YANG Jianwei, HE Shumei, FAN Hongyan, LIU Hongxu</i> (578)

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 Acta Laboratorium Animalis Scientia Sinica

Publishing

Editorial Office of Acta Laboratorium Animalis Scientia Sinica

Distributor

Editorial Office of Acta Laboratorium Animalis Scientia Sinica

5 Pan Jia Yuan Nan Li, Chaoyang District, Beijing 100021

Tel: 010-67779337

Fax: 010-67770690

E-mail: bjb@cnilas.org

<http://zgzydw.cnjournals.com/sydwbyjyx/ch/index.aspx>

CSSN

ISSN 1005-4847

CN 11-2986/Q

Copyright 2019 by the Chinese Association for Laboratory
Animal Sciences