



QK2310691

第20期
2023年 第23卷

ISSN 1673-6273
CN 23-1544/R
CODEN SXJTA8

PROGRESS IN MODERN
BIOMEDICINE

现代生物医学进展

XIAN DAI SHENG WU YI XUE JIN ZHAN

中国科技核心期刊

科技部中国科技论文统计源期刊

中国学术期刊网络出版总库(CNKI)收录期刊

俄罗斯文摘杂志(AJ)收录期刊

美国EBSCO数据库收录期刊

美国ProQuest数据库收录期刊

英国国际农业与生物科学研究中心(CABI)数据库收录期刊

美国化学文摘(CA)检索期刊

美国剑桥文摘(CSA)收录期刊

Genomics Journal Seek收录期刊

英国Global Health数据库收录期刊

波兰哥白尼索引(IC)收录期刊

WHO西太区医学索引(WPRIM)收录期刊



ISSN 1673-6273



9 771673 627238



现代生物医学进展

XIANDAI SHENGWUYIXUE JINZHAN

半月刊 2001年4月创刊 第23卷 第20期 2023年10月30日出版 Progress in Modern Biomedicine

主 管: 黑龙江省卫生健康委员会
主 办: 黑龙江省森工总医院
协 办: 哈尔滨工业大学
上海交通大学附属第一人民医院
编 辑: 现代生物医学进展编辑委员会
150040 哈尔滨市和兴路32号
电 话: 0451-82583800
E-mail: biomed_54@126.com
E-mail: liudui_21@126.com
E-mail: biomagnetism@163.com
<http://biomed.cnjournals.com>
<http://www.shengwuyixue.com>
<http://swcx.periodicals.net.cn>
学 术 顾 问: 杨宝峰 刘颂豪
阮长耿 曾溢滔 贺林
张亭栋 王道谦 刘玉清
郝希山 曾益新 张岂凡
主 编: 吴文忠
副 主 编: 李 钰 张贵祥
黄华文 黄菊芳 刘 平
吕传柱 曾乐平 唐一源
曾凡一 刘 明 代文杰
张清媛
社 长: 刘同奎
编辑部主任: 刘子馨
编辑部副主任:
谢建平 郑林丰
编辑部地址: 150001, 哈尔滨市54号信箱
(哈尔滨市花园街184号403)
电 话: 0451-82583800 0451-53658268
传 真: 0451-82583966
出 版: 现代生物医学进展杂志社
印 刷: 哈尔滨市工大节能印刷厂
发 行: 国内: 哈尔滨市报刊发行局
国 外: 中国国际图书贸易总公司
(北京399信箱, 100044)
国外发行代号: Q1728
订 购: 全国各地邮局
邮发代号: 14-12
邮 购: 现代生物医学进展编辑部
(150001 哈尔滨市54号信箱)
定 价: 30.00元/期, 全年 720.00元
中国标准刊号: ISSN 1673-6273
CN 23-1544/R
2023年版权归现代生物医学进展杂志社所有
本刊刊出的所有文章不代表编委会的观点,
除非特别声明 本刊如有印刷质量问题, 请向
现代生物医学进展杂志社编辑部调换

目 次

·论 著·

·基础研究·

- OSBPL3 在代谢相关脂肪性肝病中的作用及机制研究 王倩倩 彭文芳 蒋小红等 (3801)
欧前胡素调节 Gas6/Axl 轴对膀胱癌荷瘤小鼠免疫功能的影响 刘志豪 谭万龙 蓝创歆等 (3809)
粉尘螨线粒体样苹果酸脱氢酶基因 cDNA 克隆和分子特征分析 任雅宁 周冬梅 袁存银等 (3815)
Sfrp1 通过阻断 Wnt 信号通路减轻血管紧张素 II 诱导的心脏损伤并促进自噬的研究 常学锋 曲 萌 邹德利等 (3820)
丙泊酚对老年大鼠的认知功能障碍及海马神经元凋亡的影响 刘亚兵 李 婧 武 莉等 (3826)
- 临床研究·
- 血清 NT-proBNP、sAXL 联合 MT 对左室射血分数保留的心力衰竭患者预后不良的预测价值 李 华 董丹丹 吴 炜等 (3831)
艾司氯胺酮联合丙泊酚对腹腔镜全子宫切除术患者血清炎症因子和应激反应的影响 赵嫣红 蒋海卿 许媛媛等 (3836)
后路椎板减压螺钉置入术与椎管减压固定术治疗胸髓损伤对比研究 李振华 牛大伟 孙 祥等 (3841)
胸椎旁神经阻滞复合全麻对肝癌切除术患者术后镇痛效果、炎症应激反应和免疫功能的影响 钟祥鹏 刘 永 孙莹莹等 (3846)
慢性牙周炎患者血清 miR-205-5p、miR-28-5p 的表达与诊断价值研究 夏章晖 付小红 马 威等 (3851)

现代生物医学进展

XIANDAI SHENGWUYIXUE JINZHAN

半月刊 2001年4月创刊 第23卷 第20期 2023年10月30日出版 Progress in Modern Biomedicine

- "从督论治"针刺治疗颈性眩晕的随机对照临床研究 王慧新 张宇 沈睿等 (3856)
针刺周期疗法对气滞血瘀型原发性痛经患者性激素、疼痛因子
和炎症因子的影响 王依雯 桂茜 张小文等 (3860)
交替取穴电针治疗神经性耳鸣的疗效分析及对机体微循环状态和中枢神经递质的影响
..... 徐海蓉 刘瑜 李贺等 (3865)
针灸联合手法推拿对腰椎间盘突出症的应用效果及血浆 β -内啡肽及腰椎功能的影响
..... 刘建梁 王苗 景福权等 (3869)
布地格福与布地奈德福莫特罗粉对 COPD 缓解期患者肺功能、运动耐力的影响对比
..... 胡小龙 傅春生 杨进等 (3874)
骨科术后下肢深静脉血栓形成与超声弹性成像参数的相关性 任燎原 张红 孙媛媛等 (3879)
血清 NGAL、GLI 及 NLR 对脑卒中并发肺部感染患者预后的预测价值分析
..... 朱敏 梁冲 雷文婧等 (3884)
侵袭性牙周炎伴错牙合畸形患者牙周-正畸联合治疗前后血清 SAA、leptin 的变化
及与牙周指标和辅助性 T 细胞亚群的相关性分析 凌丽娟 崔健 霍蓓蓓等 (3889)
介入栓塞术在急诊难治性医源性肾出血中的临床应用价值 范丽娜 董艳彬 张忠满等 (3894)
系统性炎症指标预测脓毒性休克预后的临床价值 刘雨萌 黄燕 唐礼等 (3899)
口腔锥形束 CT 联合微创拔牙技术对埋伏阻生牙患者牙槽完整度及张口受限度的影响
..... 夏涵 王峰 吴妍慧等 (3903)
益肺胶囊联合乌美溴铵维兰特罗吸入粉雾剂对 COPD 稳定期患者肺功能、细胞免疫功能
和血清 bFGF、SIRT1 的影响 杨黎 李万成 杨丹等 (3908)
胶质母细胞瘤组织转录因子叉头框 C1、D1 的表达及其临床意义 徐柯贝 胡婉湘 蓝胜勇等 (3913)
右美托咪定联合利多卡因注射液对全麻下腹腔镜全子宫切除术患者应激反应和 Th1、Th2 细胞因子的影响
..... 廖丽芳 张成 柳真芳等 (3918)
CT 增强在结肠癌分期中的应用及联合血清 CEA、CA199、CA724
及 microRNA-21 对良恶性病变的诊断价值 陈志林 徐秋贞 陈文龙等 (3923)
腹式呼吸训练联合短刺法针刺对气滞血瘀型腰椎间盘突出症患者康复效果的影响
..... 罗红清 唐成剑 周长征等 (3929)
血清 P53 和 Wip1 水平与小细胞肺癌患者化疗疗效及预后的关系研究
..... 张银铃 徐伟 刁航航等 (3935)
miR-324-5p、miR-605-3p 在脑胶质瘤组织的表达及与临床病理参数和预后的关系
..... 马贵斌 贺真伟 郭鹏等 (3940)

现代生物医学进展

XIANDAI SHENGWUYIXUE JINZHAN

半月刊 2001年4月创刊 第23卷 第20期 2023年10月30日出版 Progress in Modern Biomedicine

- 抑郁症患者的脑 CT 灌注成像特征与认知功能的相关性 王瑞峰 吴虎林 秦 涛等 (3945)
- 血清 CREB、FoxO1、NLRP3 与妊娠期糖尿病患者胰岛素抵抗的相关性分析及对妊娠结局的影响 吴亚南 刘雅琴 范 蕾等 (3950)
- 气压治疗仪联合那屈肝素预防剖宫产术后下肢静脉栓塞的临床研究 许 芳 杨微涛 徐 婷等 (3955)
- 三维旋进式振动疗法联合常规康复训练对脑卒中偏瘫患者上下肢痉挛状态、步行能力及生活质量的影响 赵 敏 杨娜娜 沈筠筠等 (3960)
- 自适应性生物反馈训练对出口梗阻型便秘患者肛肠动力学、胃肠激素水平及负性情绪的影响 李 昊 徐陆周 李雅芹等 (3964)
- 川崎病患儿肠道菌群构成及分布与其冠状动脉病变的相关性分析 高 娜 贺改涛 穆志龙等 (3969)
- 脑胶质瘤患者血清 MBP、LAR、AGR 与术后脑损伤和预后的关系研究 汪敏行 阴鲁鑫 石 叶等 (3974)
- 何氏益气养血补肾方治疗气血亏虚型类风湿关节炎并血液系统受累患者的效果分析 叶雪英 尹晓霞 彭剑虹等 (3979)
- 电针疗法联合全麻诱导对老年下肢关节置换手术患者血流动力学和术后恢复的影响 王 蔚 许 倩 胡虹钰等 (3985)
- 术前血清 Lp-PLA2、sST2 水平与急性冠状动脉综合征患者 PCI 术后冠状动脉慢血流 / 无复流的关系研究 陈 静 尹德录 赵新华等 (3989)
- 术前 DSA 损伤分级在外伤性脾破裂行脾动脉栓塞治疗中的价值分析 卢 骏 牛万成 周 峰等 (3995)
- 重要信息·
《现代生物医学进展》杂志简介及投稿指南 (I ~IV)

责任编辑:王念、武海艳、郭晓东、李寿朋、王国华、陈文、田向荣、曾垂凯、陶维东、王沛坚、崔玉宝
英文编辑:田林杰、王娟、杨尚琴、李媛媛、吕志刚、马军、符波、朱杰、许愿忠、靳大川、岳颖、陈芸芸
执行编辑:谢建平、曾乐平、刘子馨、郑林丰、韩康、周利红、周颖、张玉环、董佩锋、朱英杰、万民熙
封面设计:曾乐平、彭安安

Progress in Modern Biomedicine

Established in April 2001

Volume 23 Number 20

October 30 2023

Responsible: Health Commission of Heilongjiang province

Sponsor: Heilongjiang Province Forestry General Hospital
The Fourth Hospital of Harbin Medical University

Cosponsor: Harbin Institute of Technology

Shanghai Jiao Tong University
Affiliated First People's Hospital

Editing: Editorial Board of Progress in Modern Biomedicine

No.32, Hexing Road, Harbin 150040

Tel:(0451) 82583800

<http://biomed.cnjournals.com>

<http://www.shengwuyixue.com>

<http://swcx.periodicals.net.cn>

E-mail: biomed_54@126.com

E-mail: liudhui_21@126.com

E-mail: biomagnetism@163.com

Academic Adviser: YANG Bao-feng

LIU Song-hao	RUAN Chang-geng
ZENG Yi-tao	HE Lin
ZHANG Ting-dong	WANG Nai-qian
LIU Yu-qing	HAO Xi-shan
ZENG Yi-xin	ZHANG Qi-fan

Editor-in-chief:

WU Wen-zhong

Associate Editor-in-chief: LI Yu

ZHANG Gui-xiang	HUANG Wen-hua
HUANG Ju-fang	LIU Ping
LV huan-zhu	ZENG Le-ping
TANG Yi-yuan	ZENG Fan-yi
LIU Ming	DAI Wen-jie
ZHANG Qing-yuan	

President:

LIU Tong-kui

Editorial Director:

LIU Zi-xin

Deputy Editorial Director:

XIE Jian-ping ZHENG Lin-feng

Address of Editorial Department:

150001, Harbin No.54 Post-office box

(Room 403, No.184 at Huayuan Street, Harbin)

Tel: 0451-82583800 0451-53658268

Publishing: House, Journal of Progress in Modern Biomedicine

Printing: Harbin city Gongda save energy printing House

Overseas Distributor: China International Book Trading corporation.

P.O Box 399, Beijing, code No.Q1728

Mail-Order: Editorial Department of publishing House, Progress in Modern Biomedicine

Harbin 54 Post-office box, Harbin 150001

Tel: 0451-53658268 0451-82583800

CSSN: ISSN 1673-6273
CN 23-1544/R

Copyright 2023 by the publishing

House of Progress in Modern Biomedicine

All articles published represent the opinions of the authors, do not reflect the official policy of the Editorial Board of Progress in Modern Biomedicine unless this is clearly specified.

Contents in Brief

ORIGINAL ARTICLES

•BASIC RESEARCH•

The Role and Mechanism of OSBPL3 in Metabolism-related

Fatty Liver Disease

WANG Qian-qian, PENG Wen-fang, JIANG Xiao-hong, et al (3801)

Effect of Imperatorin Regulating Gas6/Axl Axis on

Immune Function of Bladder Cancer Bearing Mice

LIU Zhi-hao, TAN Wan-long, LAN Chuang-xin, et al (3809)

cDNA Cloning and Molecular Characterization of

Mitochondrial-like Malate Dehydrogenase Protein Gene of Dermatophagoides Farinae

REN Ya-ning, ZHOU Dong-mei, YUAN Cun-yin, et al (3815)

Sfrp1 Attenuates Angiotensin II-induced Cardiac Injury and

Promotes Autophagy by Blocking the Wnt Signaling Pathway

CHANG Xue-feng, QU Meng, ZOU De-li, et al (3820)

Effects of Propofol on Cognitive Dysfunction

and Hippocampal Neuron Apoptosis in Aged rats

LIU Ya-bing, LI Jing, WU Li, et al (3826)

•CLINICAL RESEARCH•

Predictive Value of Serum NT-proBNP, sAXL

Combined with MT for Poor Prognosis in Heart Failure

with Preserved Ejection Fraction Patients of Left Ventricular

LI Hua, DONG Dan-dan, WU Hao, et al (3831)

Progress in Modern Biomedicine

Established in April 2001

Volume 23 Number 20

October 30 2023

Effect of Esketamine Combined with Propofol

on Serum Inflammatory Factors and Stress Response

in Patients Undergoing Laparoscopic Total Hysterectomy

ZHAO Yan-hong, JIANG Hai-qing, XU Yuan-yuan, et al (3836)

A Comparative Study of Posterior Spinal Surgery and Spinal Canal Decompression and Fixation

in Patients with Thoracic Spinal Cord Injury

LI Zhen-hua, NIU Da-wei, SUN Xiang, et al (3841)

Effect of Thoracic Paravertebral Nerve Block Combined with General Anesthesia

on Postoperative Analgesia, Inflammatory Stress Response

and Immune Function in Patients undergoing Hepatectomy for Liver Cancer

ZHONG Xiang-peng, LIU Yong, SUN Ying-ying, et al (3846)

Study on the Expression and Diagnostic Value of Serum miR-205-5p

and miR-28-5p in Patients with Chronic Periodontitis

XIA Zhang-hui, FU Xiao-hong, MA Wei, et al (3851)

A Randomized Controlled Clinical Study of the Treatment of Cervical Vertigo

with Acupuncture of "Dredging Governor Vessel"

WANG Hui-xin, ZHANG Yu, SHEN Rui, et al (3856)

The Effect of Acupuncture Cycle Therapy on Sexual Hormones, Pain Factors,

and Inflammatory Factors in Patients with Primary Dysmenorrhea of Qi Stagnation

and Blood Stasis Type

WANG Yi-wen, GUI Xi, ZHANG Xiao-wen, et al (3860)

Analysis of Therapeutic Effect of Alternative Acupoint Selection Electroacupuncture

in the Treatment of Nervous Tinnitus and its Effect on Microcirculation State of

the Body and Central Neurotransmitter

XU Hai-rong, LIU Yu, LI He, et al (3865)

The Effect of Acupuncture Combined with Manipulation on Lumbar Disc Herniation

and the Effects of Plasma β -endorphin and Lumbar Function

LIU Jian-liang, WANG Miao, JING Fu-quan, et al (3869)

Progress in Modern Biomedicine

Established in April 2001

Volume 23 Number 20

October 30 2023

Comparison on the Effects of Budesonide Glycopyrronium Bromide

and Budesonide Formoterol on Pulmonary Function and Exercise Tolerance in Patients with COPD during Remission

HU Xiao-long, FU Chun-sheng, YANG Jin, et al (3874)

Correlation between Ultrasonic Elastography Parameters

and Deep Vein Thrombosis of Lower Limbs after Orthopedic Surgery

REN Liao-yuan, ZHANG Hong, SUN Yuan-yuan, et al (3879)

The Predictive Value Analysis of Serum NGAL, GLI and NLR

in Prognosis of Patients with Stroke Complicated with Pulmonary Infection

ZHU Min, LIANG Chong, LEI Wen-jing, et al (3884)

Changes of Serum SAA and leptin in Patients with Aggressive Periodontitis

Complicated with Malocclusion Deformity before

and after Combined Periodontal-orthodontic Treatment

and Their Correlation Analysis with Periodontal Indicators and Helper T Cell Subsets

LING Li-juan, CUI Jian, HUO Bei-bei, et al (3889)

Clinical Application Value of Interventional Embolization

in the Treatment of Acute Intractable Iatrogenic Renal Hemorrhage

MAO Li-na, DONG Yan-bin, ZHANG Zhong-man, et al (3894)

Clinical Value of Systemic Inflammatory Markers in Predicting the Prognosis of Septic Shock

LIU Yu-meng, HUANG Yan, TANG Li, et al (3899)

Effect of Oral Cone-beam CT Combined with Minimally Invasive Extraction Technique

on Alveolar Integrity and Mouth Opening Tolerance of Patients with Impacted Teeth

XIA Han, WANG Feng, WU Yan-hui, et al (3903)

Effect of Yifei Capsule and Umeclidinium Bromide and Vilanterol Powder

for Inhalation on Lung Function, Cellular Immune Function and Serum bFGF,

SIRT1 in Patients with COPD at Stable Stage

YANG Li, LI Wan-cheng, YANG Dan, et al (3908)

Progress in Modern Biomedicine

Established in April 2001

Volume 23 Number 20

October 30 2023

Expression and Clinical Significance of Transcription Factors C1 and D1

in Transcription Factor of Glioblastoma Tissue

XU Ke-bei, HU Wan-xiang, LAN Sheng-yong, et al (3913)

Effects of Dexmedetomidine Combine with Lidocaine Injection on Stress Response

and Th1, Th2 Cytokines in Patients Undergoing Laparoscopic Total Hysterectomy under General Anesthesia

LIAO Li-fang, ZHANG Cheng, LIU Zhen-fang, (3918)

Application of CT Enhancement in the Staging of Colon Cancer and the Diagnostic Value of

Combined Serum CEA, CA199, CA724

and microRNA-21 in Benign and Malignant Lesions

CHEN Zhi-lin, XU Qiu-zhen, CHEN Wen-long (3923)

Effect of Abdominal Breathing Training Combined with Short Acupuncture

on the Rehabilitation of Patients with Lumbar Disc Herniation of Qi Stagnation

and Blood Stasis Type

LUO Hong-qing, TANG Cheng-jian, ZHOU Chang-zheng, et al (3929)

Relationship Study between Serum P53 and Wip1 Levels and Chemotherapy Efficacy

and Prognosis in Patients with Small Cell Lung Cancer

ZHANG Yin-ling, XU Wei, DIAO Hang-hang, et al (3935)

Expressions of miR-324-5p and miR-605-3p of Glioma Tissue

and Their Relationship with Clinical Pathological Parameters and Prognosis

MA Gui-bin, HE Zhen-wei, GUO Peng, et al (3940)

Correlation between Brain CT Perfusion Imaging Features

and Cognitive Function in Patients with Depression

WANG Rui-feng, WU Hu-lin, QIN Tao, et al (3945)

Analysis of the Correlation between Serum CREB, FoxO1 and NLRP3

and Insulin Resistance in Patients with Gestational Diabetes Mellitus

and the Effect on Pregnancy Outcome

WU Ya-nan, LIU Ya-qin, FAN Lei, et al (3950)

Progress in Modern Biomedicine

Established in April 2001

Volume 23 Number 20

October 30 2023

Clinical Study on the Prevention of Lower Deep Vein Thrombosis

after Cesarean Section by Pneumatic Therapeutic Apparatus Combined with Nadroparin

XU Fang, YANG Wei-tao, XU Ting, et al (3955)

Effects of Three-Dimensional Progressive Vibration Therapy

Combined with Routine Rehabilitation Training on Upper and Lower Limb Spasticity,

Walking Ability and Quality of Life of Stroke Patients with Hemiplegia

ZHAO Min, YANG Na-na, SHEN Jun-jun, et al (3960)

Effects of Adaptive Biofeedback Training on Anorectal Dynamics, Gastrointestinal Hormone Levels

and Negative Emotions in Patients with Outlet Obstruction Constipation

LI Min, XU Lu-zhou, LI Ya-qin, et al (3964)

Correlation Analysis of Intestinal Flora Composition and Distribution

with Coronary Artery Disease in Children with Kawasaki Disease

GAO Na, HE Gai-tao, MU Zhi-long, et al (3969)

Study on the Relationship between Serum MBP, LAR, AGR

and Postoperative Brain Injury and Prognosis in Patients with Glioma

WANG Min-xing, YIN Lu-xin, SHI Ye, et al (3974)

Analysis of the Effect of He's Prescription for Tonifying Qi, Nourishing Blood,

and Tonifying Kidney in Treating Patients with Rheumatoid Arthritis of Qi

and Blood Deficiency Type and Blood System Involvement

YE Xue-ying, YIN Xiao-xia, PENG Jian-hong, et al (3979)

Effect of Electroacupuncture Therapy Combined with General Anesthesia

Induction on Hemodynamics and Postoperative Recovery

in Elderly Patients Undergoing Lower Limb Arthroplasty Surgery

WANG Wei, XU Qian, HU Hong-yu, et al (3985)

Study on the Relationship between Serum Lp-PLA₂, sST2 Levels before Operation

and Coronary Slow Flow/Non Reflow in Patients with Acute Coronary Syndrome after PCI

CHEN Jing, YIN De-lu, ZHAO Xin-hua, et al (3989)

The Value of Preoperative DSA Injury Grading in the Treatment of Traumatic Splenic Rupture

with Splenic Artery Embolization was Analyzed

LU Jun, NIU Wan-cheng, ZHOU Feng, et al (3995)



中国科技核心期刊

(中国科技论文统计源期刊)

收录证书

CERTIFICATE OF SOURCE JOURNAL
FOR CHINESE SCIENTIFIC AND TECHNICAL PAPERS AND CITATIONS

现代生物医学进展

经过多项学术指标综合评定及同行专家
评议推荐，贵刊被收录为“中国科技核心期
刊”(中国科技论文统计源期刊)。

特颁发此证书。



2023年9月

证书编号：2022-F250-0803

有效期至：2024年12月

万方数据

