

原《国际病理科学与临床杂志》



临床与病理杂志

Journal of Clinical and Pathological Research

2020年5月 第40卷 第5期

Volume 40, Number 5 May 2020

临床与病理杂志

二〇二〇年

第四十卷

第五期

中南大学



万方数据



中南大学出版社
www.csupress.com.cn

临床与病理杂志

JOURNAL OF CLINICAL AND PATHOLOGICAL RESEARCH

月刊 1981 年创刊 第 40 卷 第 5 期

2020 年 5 月 28 日出版

主 管

中华人民共和国教育部

主 办

中南大学

编 辑

《临床与病理杂志》编辑部

长沙市湘雅路 110 号中南大学湘雅医学院

75 号信箱

邮编: 410078

Email: lcbl@amegroups.com

网址: <http://lcbl.amegroups.com>

出 版

中南大学出版社

主 编

周胜华 季加孚

副主编

陈方平 陈国强 贺智敏 彭敏宁

唐朝枢 肖志强

印 刷

湖南鑫成印刷有限公司

发 行

国内: 湖南省报刊发行局

国外: 中国国际图书贸易总公司

(北京 399 信箱, 100044)

邮发代号

国内: 42-35

国外: BM6564

邮 购

《临床与病理杂志》编辑部

长沙市湘雅路 110 号中南大学湘雅医学院

75 号信箱

邮编: 410078

国内定价

每期 60 元 (全年 720 元)

广告经营许可证号

4301004000077

中国标准刊号

ISSN 2095-6959

CN 43-1521/R

2020 年版权归本刊所有

目 次

论 著

1073 利拉鲁肽对高糖环境下体外培养的人髓核细胞凋亡的影响

姚明言, 舒民, 张靖, 李志红, 马金辉, 景园园

1079 和厚朴酚通过降低Wnt/ β -catenin信号通路活性抑制前列腺癌细胞的
上皮-间充质转化过程

朱要辉, 熊建荣, 张涛

1087 基于TGF- β 1/AKT信号通路的西格列汀对人肾小管上皮细胞转化的
干预及机制

张玫, 李进冬, 凌亚

1093 AIB1基因沉默对三阴性乳腺癌细胞生长抑制和凋亡的影响

王波, 董小林

1100 烟雾提取物暴露对大鼠骨髓间充质干细胞凋亡的影响及其机制

张志宏, 李钧, 王丁, 庄润涛

1108 PES1高表达与胃癌的进展和预后的关系

袁春艳, 吴艳

1114 结肠癌组织中KiSS-1和FHL1的表达与临床意义

王哲彦, 刘春玲, 孟令超, 鞠思敏, 马志红, 赵雁艳

1122 ALDH1和KiSS-1在大肠癌中的表达及其临床意义

田静, 李学敏, 吴莉莉, 代群, 张湛

1129 内质网钙离子结合蛋白在肝细胞癌中的表达及临床意义

张婷, 李淳

1136 骨肉瘤患者组织和血清中环状RNA hsa_circ_0005721表达水平及
临床意义

向黎娜, 张卫国

1144 类风湿关节炎患者滑膜组织lncRNA表达及基于CeRNA网络的生物
信息学分析

肖剑伟, 蔡旭, 陈新鹏, 曾苗雨, 郭粉莲, 洪易炜, 叶志中

- 1154 膝关节骨性关节炎患者血清和滑膜液CC趋化因子配体18浓度及与疾病严重程度的关系
容蓉, 张卫国
- 1159 胸水细胞蜡块在晚期肿瘤诊断及肺腺癌*EGFR/ALK/ROS1*检测中的应用
王双双, 孙怡, 赵苏苏, 高丽丽, 李惠
- 1164 左旋肉碱在运动发育迟缓患儿中的疗效
吕楠, 万凯, 尚清, 马彩云, 李靖婕
- 1169 阿格列汀或达格列净联合二甲双胍治疗2型糖尿病的疗效
周换丽, 孔艳华
- 1174 妊娠期糖尿病与妊娠早期甲状腺功能状态的相关性
陈丽锦, 王烨, 李娟, 陈甜花, 甘月滨
- 1179 高危型HPV E6/E7 mRNA在不同年龄段宫颈病变筛查中的应用价值
黄美园, 杨珍玉, 邓爽, 陈栋良
- 1185 敏感抗生素联合康妇炎胶囊对慢性盆腔炎患者IL-1, IL-2, CRP, PCT水平的影响及疗效
罗晓华, 杨年, 李忠勇, 胥卉芊
- 1192 产前超声植入评分表在预测瘢痕子宫并前置胎盘植入程度中的价值
郭俏, 湛奎芳
- 1198 孕中期血清叶酸、同型半胱氨酸及维生素A水平联合预测出生缺陷的临床价值
胡亚琪, 有凤芝, 韩宁, 郑媛珂, 马倩
- 1203 四维CT血管成像在微小动脉瘤破裂风险因素分析中的应用价值
张雪辉, 左云海, 季涛
- 1211 布托啡诺复合瑞芬太尼对纤维支气管镜麻醉术后不良反应的影响
张贺铭, 孙绪德
- 1217 男性阻塞性睡眠呼吸暂停低通气综合征患者睡眠时体位及翻身频率的特点及作用
王竹, 李培华, 李巍, 曹磊, 邢宇轩, 万瑾
- 1223 思维导图引导式训练对精神分裂症患者社会功能及生活质量的影响
唐慧
- 1228 基于ERAS模式护理在乳腺癌术后同期自体组织乳房重建中的应用
许春彦, 郑立, 吴俊东, 李丹樱, 陈晓红
- 1234 基于CARTO三维标测的围手术期护理在心房颤动射频消融中的应用
程春华
- 1239 团体心理治疗联合互联网反馈对女性围绝经期综合征和生存质量的效果
李丹, 巢健茜, 吕梦茹, 吴江平, 王苏立, 张敏, 孔晶
- 1249 以家庭为中心的护理干预联合生物反馈治疗对儿童功能性便秘的疗效影响
袁选花, 朱丽辉, 徐宏宇
- 1257 高频振荡通气治疗常频机械通气治疗失败后新生儿呼吸窘迫综合征的疗效及护理干预
任俊芬, 吴振阳, 索欣
- 1263 强化父亲参与支持策略对初产妇产后母乳喂养的影响
马玲, 周燕, 戈玉平, 颜菊美

- 1269 老年高血压患者体位性血压改变与护理风险防范
祁金英, 张玥, 陈亚静, 陈丹
- 1274 急性心肌梗死并心源性休克的急诊积极护理干预与效果
李爱霞
- 1278 微信健康教育对中青年经皮冠状动脉介入治疗术后患者治疗依从性及二级预防的影响
宋贝贝, 张静, 杨静

综 述

- 1286 小胶质细胞活化抑制与中枢炎症反应关系的研究进展
邓佳丽, 丁维俊
- 1291 酸敏感离子通道与神经退行性疾病关系的研究进展
陈杉杉, 郭潇潇, 周寿红
- 1298 心肌肥厚与能量代谢最新研究进展
李博, 李俊明
- 1303 能量代谢的改善对代谢性高血压的影响
王学婷, 詹晓蓉
- 1307 钙敏感受体在慢性肾病中作用的研究进展
倪利华
- 1311 孢子丝菌病的临床表现与组织病理学的研究进展
赵晓红, 杨建勋
- 1315 粪菌移植在炎症性肠病中的价值及其存在的问题
王灿, 王俊, 张心怡, 郎婷, 金黑鹰
- 1320 冠心病介入术后患者的心理弹性研究进展
吴燕, 田蓓, 钱君, 张琳, 施雁

临床病例讨论

- 1326 2例阑尾类癌临床病理分析
刘学蓉, 白霜, 伍静
- 1330 涎腺多形性腺癌伴高级别转化临床病理学观察
任俊奇, 汪俊, 袁静萍
- 1337 1例菊池病并文献复习
赵立聪, 贾建伟, 赵洁

消 息

- 1325 本刊常用词汇英文缩写表(按英文字母排序)

JOURNAL OF CLINICAL AND PATHOLOGICAL RESEARCH

Monthly

Established in 1981

Volume 40 Number 5 May 2020

Responsible Institution

Ministry of Education
P. R. China

Sponsor

Central South University

Editor-in-Chief

ZHOU Shenghua
JI Jiafu

Editing

Editorial Office of *Journal of Clinical and Pathological Research*
P.O. Box 75
110 Xiangya Road
Xiangya School of Medicine
Changsha Hunan 410078
P. R. China

Publication

Central South University Press

Printer

Hunan Xincheng Printing Co., Ltd

Distributor

Domestic: Local Post Office
Overseas: China International Book
Trading Corporation
(P.O. Box 399, Beijing, China)

Mail-Order

Editorial Office of *Journal of Clinical and Pathological Research*

Price

China ¥720/year

CSSN

ISSN 2095-6959
CN 43-1521/R

CONTENTS

Original Article

- 1073 Effect of liraglutide on apoptosis of human nucleus pulposus cells induced by high glucose**
YAO Mingyan, SHU Min, ZHANG Jing, LI Zhihong, MA Jinhui, JING Yuanyuan
- 1079 Honokiol inhibits epithelial-mesenchymal transition process of prostate cancer cells by reducing activities of Wnt/ β -catenin signaling pathway**
ZHU Yaohui, XIONG Jianrong, ZHANG Tao
- 1087 Intervention and mechanism of sitagliptin based on TGF- β 1/AKT signaling pathway in epithelial-mesenchymal transition of human renal tubular epithelial cells**
ZHANG Mei, LI Jindong, LING Ya
- 1093 Growth inhibition and apoptosis induction of AIB1 gene in triple-negative breast cancer cells in vitro**
WANG Bo, DONG Xiaolin
- 1100 Effects of smoke extract exposure on apoptosis of rat bone mesenchymal stem cells and its mechanism**
ZHANG Zhihong, LI Jun, WANG Ding, ZHUANG Runtao
- 1108 Relationship between high expression of PES1 and progress and prognosis of gastric cancer**
YUAN Chunyan, WU Yan
- 1114 Expression of KiSS-1 and FHL1 in colon cancer tissues and its clinical significance**
WANG Zheyang, LIU Chunling, MENG Lingchao, JU Simin, MA Zhihong, ZHAO Yanyan
- 1122 Expression of ALDH1 and KiSS-1 in colorectal carcinoma and its clinical significance**
TIAN Jing, LI Xuemin, WU Lili, DAI Qun, ZHANG Zhan
- 1129 Expression of reticulocalbin-1 in hepatocellular carcinoma and its clinical significance**
ZHANG Ting, LI Zhun
- 1136 Expression level of circular RNA hsa_circ_0005721 in tissues and serum of patients with osteosarcoma and its clinical significance**
XIANG Lina, ZHANG Weiguo

- 1144 Expression of LncRNA in synovial tissues of patients with rheumatoid arthritis and bioinformatics analysis based on CeRNA network**
XIAO Jianwei, CAI Xu, CHEN Xinpeng, ZENG Miaoyu, GUO Fenlian, HONG Yiwei, YE Zhizhong
- 1154 Relationship between the concentration of CC-chemokine ligand 18 in serum and synovial fluid and the severity of knee joint in patients with osteoarthritis**
RONG Rong, ZHANG Weiguo
- 1159 Application of cell blocks of pleural effusion in diagnosis of advanced tumors and detection of EGFR/ALK/ROS1 in lung adenocarcinoma**
WANG Shuangshuang, SUN Yi, ZHAO Susu, GAO Lili, LI Hui
- 1164 Therapeutic effect of L-carnitine in children with motor retardation**
LÜ Nan, WAN Kai, SHANG Qing, MA Caiyun, LI Jingjie
- 1169 Efficacy of alogliptin or dapagliflozin combined with metformin in the treatment of type 2 diabetes mellitus**
ZHOU Huanli, KONG Yanhua
- 1174 Correlation between gestational diabetes mellitus and thyroid function during early pregnancy**
CHEN Lijin, WANG Ye, LI Juan, CHEN Tianhua, GAN Yuebin
- 1179 Application value of high-risk human papillomavirus E6/E7 mRNA in screening cervical lesions of different ages**
HUANG Meiyuan, YANG Zhenyu, DENG Shuang, CHEN Dongliang
- 1185 Effect of sensitive antibiotics combined with Kangfuyan capsule on levels of IL-1, IL-2, CRP and PCT in patients with chronic pelvic inflammatory disease**
LUO Xiaohua, YANG Nian, LI Zhongyong, XU Huiping
- 1192 Value of prenatal ultrasound nongraphic accreta scoring scale in predicting the accreta degree of scarred uterus with placenta previa**
GUO Qiao, SHEN Kuifang
- 1198 Clinical value of serum folic acid, homocysteine and vitamin A levels to predict birth defects in the second trimester**
HU Yaqi, YOU Fengzhi, HAN Ning, ZHENG Yuanke, MA Qian
- 1203 Application value of four-dimensional CT angiography in risk factor analysis for rupture of microaneurysms**
ZHANG Xuehui, ZUO Yunhai, JI Tao
- 1211 Effect of butorphanol combined with remifentanyl on adverse reactions after fiberoptic bronchoscopy**
ZHANG Heming, SUN Xude
- 1217 Characteristics and effect of body position and turnover frequency in male obstructive sleep apnea-hypopnea syndrome patients**
WANG Zhu, LI Peihua, LI Wei, CAO Lei, XING Yuxuan, WAN Jin
- 1223 Influence of mind mapping guided training on social function and quality of life of schizophrenics**
TANG Hui
- 1228 Application of enhanced recovery after surgery nursing in perioperative period of breast reconstruction immediately after radical mastectomy**
XU Chunyan, ZHENG Li, WU Jundong, LI Danying, CHEN Xiaohong
- 1234 Application of perioperative nursing based on CARTO three-dimensional mapping in radiofrequency ablation of atrial fibrillation**
CHENG Chunhua
- 1239 Effects of group treatment combined with internet feedback on mental health and quality of life of perimenopausal women**
LI Dan, CHAO Jianqian, LÜ Mengru, WU Jiangping, WANG Suli, ZHANG Min, KONG Jing

- 1249 **Effect of family-centered nursing intervention combined with biofeedback therapy on children with functional constipation**
YUAN Xuanhua, ZHU Lihui, XU Hongyu
- 1257 **Efficacy and nursing intervention of high-frequency oscillatory ventilation in the treatment of neonatal respiratory distress syndrome after failure of conventional mechanical ventilation**
REN Junfen, WU Zhenyang, SUO Xin
- 1263 **Effect of strengthening father's participation in support strategy on breast-feeding after obstetrics and gynecology**
MA Ling, ZHOU Yan, GE Yuping, YAN Jumei
- 1269 **Postural blood pressure change in elderly patients with hypertension and nursing risk prevention**
QI Jinying, ZHANG Yue, CHEN Yajing, CHEN Dan
- 1274 **Emergency nursing intervention and effect of acute myocardial infarction with cardiogenic shock**
LI Aixia
- 1278 **Effect of WeChat health education on treatment compliance and Secondary prevention of young and middle-aged patients after percutaneous coronary intervention**
SONG Beibei, ZHANG Jing, YANG Jing

Review

- 1286 **Research progress in the relations between inhibition mechanisms of microglia activation and neuroinflammation**
DENG Jiali, DING Weijun
- 1291 **Research progress in the relationship between acid-sensitive ion channels and neurodegenerative diseases**
CHEN Shanshan, GUO Xiaoxiao, ZHOU Shouhong
- 1298 **Recent advances in cardiac hypertrophy and energy metabolism**
LI Bo, LI Junming
- 1303 **Effect of improvement of energy metabolism on metabolic hypertension**
WANG Xueting, ZHAN Xiaorong
- 1307 **Research progress in the function of calcium sensing receptor in chronic kidney disease**
NI Lihua
- 1311 **Advances in clinical manifestations and histopathology of sporotrichosis**
ZHAO Xiaohong, YANG Jianxun
- 1315 **Value and problems of fecal microbiota transplantation in inflammatory bowel disease**
WANG Can, WANG Jun, ZHANG Xinyi, LANG Ting, JIN Heiyang
- 1320 **Research progress in resilience of patients with coronary heart disease after percutaneous coronary intervention**
WU Yan, TIAN Bei, QIAN Jun, ZHANG Lin, SHI Yan

Case Report

- 1326 **Clinicopathologic analysis for 2 cases of appendiceal carcinoid**
LIU Xuerong, BAI Shuang, WU Jing
- 1330 **Clinicopathological observation on pleomorphic adenocarcinoma of salivary gland with high-grade transformation**
REN Junqi, WANG Jun, YUAN Jingping
- 1337 **Kikuchi disease: A case report and literature review**
ZHAO Licong, JIA Jianwei, ZHAO Jie