

中国科技论文与引文数据库收录期刊
美国化学文摘社《化学文摘》收录期刊
美国《剑桥科学文摘(自然科学)》来源期刊
英国《农业与生物科学研究文摘》收录期刊
英国《全球健康》数据库收录期刊
波兰《哥白尼索引》收录期刊
世界卫生组织西太平洋地区医学索引收录期刊
美国EBSCO期刊全文数据库收录期刊

ISSN 1671-7414
CN 61-1398/R
CODEN XJYZB4



现代检验医学杂志[®]

XIANDAI JIANYAN YIXUE ZAZHI

第35卷 第6期 2020年11月

JOURNAL
OF
MODERN
LABORATORY
MEDICINE

Volume 35 Number 6

November 2020



现代检验医学杂志编辑委员会

ISSN 1671-7414



9 771671741202

THE EDITORIAL COMMITTEE
OF JOURNAL OF MODERN
LABORATORY MEDICINE

现代检验医学杂志

Xiandai Jianyan Yixue Zazhi

第 35 卷

第 6 期

2020 年 11 月

目 次

专家共识

- 浆膜腔积液细胞形态学检验中国专家共识（2020） 吴茅，周道银，许绍强，等 (001)
支气管肺泡灌洗液细胞形态学检验中国专家共识（2020） 周道银，吴茅，许绍强，等 (004)
脑脊液细胞形态学检验中国专家共识（2020） 许绍强，周道银，吴茅，等 (009)

论 著

- 宫颈癌患者 Kruppel 样因子 6, p21 蛋白表达水平与病理特征及化疗敏感性的相关性分析
..... 徐晓锋，王纯，卢国丰，等 (012)
乙型病毒性肝炎与原发性胆汁性胆管炎患者血清抗线粒体抗体 M2 亚型表达的特征分析
..... 赵敏，李勤光，卓传尚 (016)
2 型糖尿病患者血清 Fetuin B 水平与并发下肢动脉粥样硬化性病变的相关性研究 陈树鑫，宁晔，韩登科 (021)
COPD 患者线粒体功能及代谢水平变化检测与骨骼肌功能障碍的相关性研究 陈元菁，艾红军，王湘云，等 (025)
甲状腺疾病患者血清 Tg-CIC 中 Tg-Ab 水平检测及相关临床研究 陶昭君，成军，戴玉柱 (028)
高龄产妇孕中期血清 FPG, HbA1c 及 TC 联合检测预测 GDM 风险的临床研究 陈丽华，王思思，朱婕曼，等 (033)
外周血 NLR 与 PLR 对儿童完全型川崎病冠状动脉损伤的预测分析 张书婉，黄君华，吴文婧，等 (038)
LncRNA TUG1 在甲状腺癌组织中的表达及其对细胞增殖和迁移的影响 赵芳芳，郭红，陈嘉 (042)
广西贵港地区人群 MN 血型等位基因多态性的调查研究 徐庆萍，王杰，梁延连，等 (048)
血清外泌体 miR-221 和 miR-378 水平检测在胃癌诊断中的应用研究 张筱东，李佳，谢星星，等 (052)
诱导痰 Galectin-3BP 及相关炎症因子水平检测在中性粒细胞型哮喘诊断中的价值 刘敏，李承红，刘双，等 (056)
Aurora-B 激酶的表达与非小细胞肺癌患者预后及耐药的相关性分析 席俊峰，马兴聪，彭彦才，等 (059)
急性冠状动脉综合征 (ACS) 患者血清 miR-186-5p, miR-23 和 miR-652 水平检测的临床意义
..... 赵莉，白延平，谢园媛 (064)
动脉粥样硬化性缺血性脑血管病患者外周血 TNF- α , IL-6, IL-8 和 WBC 水平与慢性失眠症 PSQI 的相关性研究
..... 邹慧莉，刘燕，杨伟毅 (068)
儿童哮喘患者外周血 ILC2 细胞和 Th2 型细胞相关因子水平变化及与临床相关性研究
..... 李晓刚，康茹，邓巧妮，等 (072)
陕西省延安地区汉族与国内其他地区育龄妇女 MTHFR 基因 C677T 位点基因型和等位基因分布研究
..... 师文涛，白蓉，黄剑林，等 (078)
血清中 microRNA-106b 对宫颈癌患者的早期诊断及预后预测价值 高红敏，杨红英，刘鑫 (085)
河北地区丙肝感染患者丙型肝炎病毒基因型分布特征 李雅静，王戌刚，董倩倩，等 (087)
湖北宜昌市育龄妇女和母婴巨细胞病毒感染现状调查及感染风险评估 左江成，邓琛琛，杨洁，等 (091)
唾液 α -突触核蛋白 (SNCA) 与嗅觉评估在帕金森病早期筛查中的应用研究 尚天明，毕开湘 (095)
冠心病患者外周血中性粒细胞 / 淋巴细胞比值与冠脉狭窄程度的相关性研究 陈青文，李丹丹 (098)
布鲁氏菌血清 IgM, IgG 抗体胶体金免疫层析检测方法的建立及初步临床应用 刘涵轩，梁辰，伍波，等 (102)
VITEK-2 Compact 检测奇异变形杆菌、摩根摩根菌、铜绿假单胞菌的部分药敏结果准确性评价
..... 武爱荣，杨乐 (106)
多囊卵巢综合征患者血清肌联素水平表达与多种生化代谢指标的相关性分析 李晓丽，赵莉，马文鹏，等 (111)

| | | |
|--|---------------|-------|
| 喉鳞癌组织中 miR-1225-5p 和 CDC14B 蛋白水平表达与临床病理特征及预后的关系 | 闫娟, 安丽, 张杰, 等 | (114) |
| 基于 Logistic 回归和 ROC 曲线评价外周血 PCT, CRP, NEU% 和 PLT 水平在血流感染中的联合预测价值 | 潘锡龙, 陈丽, 梁利斯 | (119) |
| 外周血血小板计数与红细胞比容联合检测对代谢综合征的预测价值 | 樊凡, 唐西怀, 何浩浩 | (125) |

新型冠状病毒肺炎检验专题

| | | |
|--|-----------------|-------|
| 新型冠状病毒血清特异性抗体检测的假性问题分析和对策探讨 | 宁明哲, 陶月, 陈雨欣, 等 | (129) |
| 新型冠状病毒肺炎 (COVID-19) 热灭活咽拭子及热灭活后提取核酸样本在4℃保存的稳定性研究 | 喻晶, 吴夏枫, 刘晓翌, 等 | (132) |

研究简报·实验技术

| | | |
|--|------------------|-------|
| miR-29b 对缺血损伤心肌细胞模型的自噬影响及分子机制研究 | 张蕾, 王诚 | (135) |
| 盐酸普萘洛尔对十二指肠溃疡模型大鼠的作用及其机制的实验研究 | 舒俊伟, 牛智平, 杜嘉原 | (139) |
| 儿童慢性 ITP 外周血 CD3 ⁺ T 细胞活性氧的检测及临床意义 | 宋丽, 杜宁超, 李富荣 | (144) |
| 福建省泉州地区健康成人 UF5000 尿沉渣分析仪相关参数参考范围调查 | 周静琪, 陈雅斌, 黄丽燕, 等 | (149) |
| ROC 曲线设置流式细胞术检测 HLA-B27 的临界值在强直性脊柱炎诊断和鉴别诊断中的应用 | 张静, 董松武, 孙峰 | (153) |
| 静脉血真空采血管预稀释法校正 EDTA 依赖性假性血小板减少的效果探讨 | 汪学耀, 荆成宝, 王禅, 等 | (156) |
| 全自动酶免分析仪和酶标板快速孵育器联合进行 ELISA 检测操作其时间流程优化的实用性探讨 | 韩小娟, 赵玥, 田洪伦, 等 | (159) |

检验与临床

| | | |
|--|------------------|-------|
| 体外受精 - 胚胎移植 (IVF-ET) 胚胎培养液中 HLA-G 检测在预测胚胎发育潜能和临床结局中的应用价值研究 | 罗平, 沈开元, 卢娜, 等 | (163) |
| 孕妇葡萄糖耐量和血清胰岛素及 C-肽释放水平检测对妊娠糖尿病的诊断研究 | 任丽芬, 黄晓燕, 张志平, 等 | (167) |
| 孤独症谱系障碍儿童血清叶酸与脑源性神经营养因子水平检测的临床意义 | 毕开湘, 陶红莉, 杨丽丽 | (171) |
| 急性心力衰竭病人血清 Hcy 与 NA-ProBNP, LP(a) 水平及性别的相关性研究 | 何平 | (176) |
| 新生儿坏死性小肠结肠炎患者血清 IL-12 及 IL-17 水平检测及临床意义 | 陈小冰, 张雪梅, 陈求凝, 等 | (179) |
| 血清热休克蛋白 70 与急性一氧化碳中毒后迟发性脑病的相关性研究 | 王小锋, 关红, 黄震, 等 | (183) |
| 《现代检验医学杂志》投稿须知 | (187) | |

广告索引

| | | | |
|----------------|---------------|--------------|----|
| 彩色广告: | 潍坊市康华生物技术有限公司 | 封三 | |
| 潍坊三维生物工程集团有限公司 | 封二 | 江西乐成生物医疗有限公司 | 封底 |

刊名题字: 著名书画家李立恺先生
本期责任编辑: 王华

封面设计: 王华 雷岐锁
本期责任校对: 王华 郭文静

现代检验医学杂志
Xiandai Jianyan Yixue Zazhi
中国标准连续出版物号: ISSN 1671-7414 (国际标准连续出版物)
续出版物号: CN61-1398/R (国内统一连续出版物)
双月刊 (1986年1月创刊) 第35卷 第6期 2020年11月
主管单位: 陕西省卫生健康委员会
主办单位: 陕西省临床检验中心
陕西省人民医院
名誉主编: 黄立勋 主编: 高敬龙
社长 副主编: 王岐山 副主编: 任健康 魏力强
副社长 常务副主编: 王华
编辑部主任: 王华

编辑出版: 《现代检验医学杂志》编辑部
地 址: 西安市友谊西路 256 号陕西省人民医院内
邮政编码: 710068
电 话: (029) 85249600-2006, 2424
电子信箱: xdjyyx@126.com
网 址: http://www.xdjyyxzz.com
印刷装订: 西安东方印刷厂
发行范围: 公开发行
国内发行: 中国邮政集团公司陕西省报刊发行局
订 阅: 全国各地邮政局(所)
国外发行: 中国国际国书贸易集团有限公司
邮发代号: 国内 52—116/ 国外 BM6452
国内定价: 25.00 元 / 期
广告许可证: 陕工商广字 6100004000018 号

Journal of Modern Laboratory Medicine

Vol. 35 No. 6 Nove. 2020

Main Contents

| | |
|--|---------|
| Consensus of Chinese Experts on Cellular Morphological Examination of Serous Effusion (2020) | (001) |
| WU Mao, ZHOU Dao-yin ,XU Shao-qiang, et al | |
| Consensus of Chinese Experts on Morphological Examination of Bronchoalveolar Lavage Fluid Cells (2020) | (004) |
| ZHOU Dao-yin, WU Mao, XU Shao-qiang, et al | |
| Consensus of Chinese Experts on Cellular Morphological Examination of Cerebrospinal Fluid (2020) | (009) |
| XU Shao-qiang, ZHOU Dao-yin , WU Mao, et al | |
| Correlation Analysis of KLF6 and p21 Protein Expression Levels and Pathological Features and Chemotherapy Sensitivity in Patients with Cervical Cancer | (012) |
| XU Xiao-feng, WANG Chun, LU Guo-feng, et al | |
| Study on the Serological Characteristics of Anti-Mitochondria M2 Subtype in Patients with Hepatitis B and Primary Biliary Cholangitis | (016) |
| ZHAO Min, LI Qin-guang, ZHUO Chuan-shang | |
| Relationship between Serum Fetuin B Level and Atherosclerotic Lesions in Lower Limb of Patients with Type 2 Diabetes Mellitus | (021) |
| CHEN Shu-xin, NING Ye, HAN Deng-ke | |
| Study on the Correlation between Changes Detection in Mitochondrial Function, Metabolic Level and Skeletal Muscle Dysfunction Inpatients with COPD | (021) |
| CHEN Yuan-jing, AI Hong-jun, WANG Xiang-yun, et al | |
| Detection and Related Clinical Research of Tg-Ab in Serum Thyroglobulin Immune Complex (Tg-CIC) in Patients with Thyroid Diseases | (025) |
| TAO Zhao-jun, CHENG Jun, DAI Yu-zhu | |
| Clinical Study on Prediction of GDM Risk by Combined Detection of Serum FPG, HbA1c and TC in the Second Trimester of Pregnancy in Elderly Women | (028) |
| CHEN Li-hua, WANG Si-si, ZHU Jie-man, et al | |
| Prediction Analysis of NLR and PLR for the Development of Coronary Artery Lesions in Patients with Complete Kawasaki Disease | (033) |
| ZHANG Shu-wan, HUANG Jun-hua, WU Wen-jing, et al | |
| Expression of LncRNA TUG1 in Thyroid Carcinoma Tissues and Its Effect on Cell Proliferation and Migration | (042) |
| ZHAO Fang-fang, GUO Hong, CHEN Jia | |
| Investigation on Allele Polymorphism of MN Blood Group in Guigang Area of Guangxi | (048) |
| XU Qing-ping, WANG Jie, LIANG Yan-lian, et al | |
| Application Study of Serum Exosome miR-221 and miR-378 Detection in the Diagnosis of Gastric Cancer | (052) |
| ZHANG Xiao-dong, LI Jia, XIE Xing-xing, et al | |
| Value of Induced Sputum Galectin-3BP and Related Inflammatory Factors in the Diagnosis of Neutrophil Asthma | (056) |
| LIU Min, LI Cheng-hong, LIU Shuang, et al | |
| Study on the Relationship between High Expression of Aurora-B Kinase and Drug Resistance and Prognosis in Patients with Non-Small Cell Lung Cancer | (059) |
| XI Jun-feng, MA Xing-cong, PENG Yan-cai, et al | |
| Clinical Value of Serum miR-186-5p, miR-23b and miR-652 Levels in Patients with Acute Coronary Syndrome (ACS) | (064) |
| ZHAO Li, BAI Yan-ping, XIE Yuan-yuan | |
| Correlation between Levels of TNF-α , IL-6, IL-8 and WBC in Peripheral Blood of Patients with Atherosclerotic Ischemic Cerebrovascular Disease and PSQI in Chronic Insomnia | (068) |
| ZOU Hui-li, LIU Yan, YANG Wei-yi | |
| Changes of ILC2 Cells and Th2 Cell Related Factors in Peripheral Blood of Children with Asthma and Their Clinical Relevance | (072) |
| LI Xiao-gang, KANG Ru, DENG Qiao-ni, et al..... | |
| Comparative Study on MTHFR Gene C677T Locus Genotype and Allele Distribution between Han Nationality and Women of Childbearing Age in Yan'an Area of Shaanxi Province | (078) |
| SHI Wen-tao, BAI Rong, HUANG Jian-lin, et al | |
| Value Analysis of Serum microRNA-106b in Early Diagnosis of Cervical Cancer | (085) |
| GAO Hong-min, YANG Hong-ying, LIU Xin | |
| HCV Genotype and Subtype Distribution of Patients with Chronic Hepatitis C in Hebei Area | (087) |
| LI Ya-jing, WANG Xu-gang, DONG Qian-qian, et al | |
| Investigation on Status and Risk Assessment of Cytomegalovirus Infection in Women of Childbearing Age and Maternals and Infants in Yichang, Hubei | (091) |
| ZUO Jiang-cheng, DENG Chen-chen, YANG Jie, et al | |
| Application Research of Olfactory Assessment and Salivary SNCA in Early Screening of Parkinson's Disease | (095) |
| SHANG Tian-ming, BI Kai-xiang | |
| Correlation between the Degree of Coronary Stenosis and the Neutrophil/Lymphocyte Ratio in Patients with Coronary Artery Disease | (098) |
| CHEN Qing-wen, LI Dan-dan | |
| Preliminary Clinical Application of Colloidal Gold Immunochromatographic Detection of Brucella IgM, IgG Antibodies | (102) |
| LIU Han-xuan, LIANG Chen, WU Bo, et al | |
| Accuracy Evaluation of Partial Drug Sensitivity Results of Vitek-2 Compact Detection for <i>Proteus Singulans</i>, <i>Morgan Morgan</i> and | |

| | |
|--|---------|
| Pseudomonas Aeruginosa | |
| WU Ai-rong, YANG Le | (106) |
| Correlation Analysis between Expression of Serum Myonectin and Various Biochemical and Metabolic Indexes in Patients with Polycystic Ovary Syndrome | |
| LI Xiao-li, ZHAO Li, MA Wen-peng, et al..... | (111) |
| Relationship between miR-1225-5P and CDC14B Expression Levels and Clinicopathological Features and Prognosis in Laryngeal Squamous Cell Carcinoma | |
| YAN Juan, AN Li, ZHANG Jie, et al | (114) |
| Evaluation of the Combined Predictive Value of Peripheral Blood PCT, CRP, NEU% and PLT Levels in Bloodstream Infection Based on Logistic Regression and ROC Curve | |
| PAN Xi-long, CHEN Li, LIANG Li-si | (119) |
| Predictive Values of Combined Detection of Peripheral Blood Platelet Count and Hematocrit for Metabolic Syndrome | |
| FAN Fan, TANG Xi-huai, HE Hao-hao | (125) |
| SARS-CoV-2 Serological Antibody Testing: Problems of False Detections and the Solutions | |
| NING Ming-zhe, TAO Yue, CHEN Yu-xin,et al..... | (129) |
| Study on the Stability of Heat-Inactivated Throat Swab and Its Extracted Nucleic Acid of COVID-19 Stored at 4°C | |
| YU Jing, WU Xia-feng, LIU Xiao-yi, et al..... | (132) |
| Effects of miR-29b on Autophagy in Ischemic Myocardial Cells Models and Its Molecular Mechanism | |
| ZHANG Lei, WANG Cheng | (135) |
| Effects of Propranolol Hydrochloride on Duodenal Ulcer Rats and Its Mechanism | |
| SHU Jun-wei, NIU Zhi-ping, DU Jia-yuan | (139) |
| Detection and Clinical Significance of CD3⁺ T Cell Reactive Oxygen Species in Peripheral Blood of Children with Chronic ITP | |
| SONG Li, DU Ning-chao, LI Fu-rong | (144) |
| Investigation on the Reference Range of UF5000 Urinary Sediment Analyzer for Healthy Adults in Quanzhou Area of Fujian Province | |
| ZHOU Jing-qi, CHEN Ya-bin, HUANG Li-yan, et al | (149) |
| Application of ROC Curve of Setting HLA-B27 Critical Value in the Diagnosis and Differential Diagnosis of Ankylosing Spondylitis | |
| ZHANG Jing, DONG Song-wu, SUN Feng | (153) |
| Discussion on the Efficacy of Prediluted Vacuum Blood Collection Tube Method to Correct EDTA-Dependent Pseudothrombocytopenia | |
| WANG Xue-yao, JING Cheng-bao, WANG Chan, et al | (156) |
| Discussion on the Practicability of the Time Optimization of ELISA Detection Operation with the Combination of Automatic Enzyme Immunoassay Analyzer and Enzyme Plate Rapid Incubator | |
| HAN Xiao-juan, ZHAO Yue, TIAN Hong-lun, et al | (159) |
| Correlation between HLA-G Detection in (IVF-ET) Embryo Culture Medium and Embryonic Development Potential and Clinical Outcome Abstract | |
| LUO Ping, SHEN Kai-yuan, LU Na, et al | (163) |
| Study on Diagnosis of Gestational Diabetes Mellitus by Detection of Glucose Tolerance, Serum Insulin and C-peptide Release Levels in Pregnant Women | |
| REN Li-fen, HUANG Xiao-yan, ZHANG Zhi-ping, et al | (167) |
| Clinical Significance of the Detection of Folic Acid and Brain-derived Neurotrophic Factor in Children with Autism Spectrum Disorder | |
| BI Kai-xiang, TAO Hong-li, YANG Li-li | (171) |
| Correlation between Serum Hcy,NA-ProBNP,LP (a) Levels and Gender in Patients with Heart Failure | |
| HE Ping | (176) |
| Detection and Clinical Significance of Serum IL-12 and IL-17 Levels in Neonatal Necrotizing Enterocolitis | |
| CHEN Xiao-bing, ZHANG Xue-mei, CHEN Qiu-ning, et al | (179) |
| Correlation between Serum Levels of Heat Shock Protein 70 and Delayed Encephalopathy after Acute Carbon Monoxide Poisoning | |
| WANG Xiao-feng, GUAN Hong, HUANG Zhen, et al | (183) |

Editor of Responsibility: WANG Hua

Proofreader: WANG Hua GUO Wen-jing

Journal of Modern Laboratory Medicine

Bimonthly (Founded in January,1986)

ISSN 1671-7414 CN 61-1398/R

Distribution Limits: Open

Honorary Chief Editor: HUANG Li-xun

Chief Editor: GAO Jing-long

Director of the Press and Subeditor: WANG Qi-shan

Subeditor: Ren Jian-kang

WEI Li-qiang

Vice Director of Press, Standing

Vice Chief Editor and Director of Editorial Office:

WANG Hua

Vol.35 No.6 Nove. 2020

Responsible Institution:

Health Commission of Shaanxi Province

Sponsors:

Shaanxi Province Center for Clinical Laboratory

Shaanxi Provincial People's Hospital

Edited by the Editorial Board of 《Journal of Modern Laboratory Medicine》

Address:256 Youyi West-road, Xi'an, 710068

Telephone: (86-29) 85249600-2006,2424

[Http://www.xdjyxzz.com](http://www.xdjyxzz.com)

Internal Distributor:China Post Group Company in Shaanxi Province Newspaper Board

Overseas Distributor:China International Book Trading Group Co. LTD.P.O.Box 399,Beijing, China, Code No. BM6452

E-mail: xdjyyx@126.com