

中国科技论文统计源期刊（中国科技核心期刊）
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

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



现代检验医学杂志[®]

XIANDAI JIANYAN YIXUE ZAZHI

第32卷 第 6 期 2017年11月

JOURNAL
OF
MODERN
LABORATORY
MEDICINE

Volume 32 Number 6
November 2017



现代检验医学杂志编辑委员会

ISSN 1671-7414



111>

9 771671741042

THE EDITORIAL COMMITTEE
OF JOURNAL OF MODERN
LABORATORY MEDICINE

现代检验医学杂志

Xiandai Jianyan Yixue Zazhi

第 32 卷

第 6 期

2017 年 11 月

目 次

论 著

| | |
|--|------------------------|
| LNA-taqman 探针实时荧光 PCR 快速检测 CYP4F2-C1347T, CYP2C9 * 3, VKORC1-C1173T 与 VKORC1-G1639A 基因多态性方法的建立 | 尹栩芳, 饶品彬, 蒋卫霞 (001) |
| 儿童原发性肾病综合征患者血清 miR-150 水平变化及其临床意义 | 朱媛媛, 罗阳, 顾万建, 等 (006) |
| 6 种常见脑炎病毒多重 PCR 检测体系的建立和应用 | 王晓因, 陆士奇, 季建刚, 等 (011) |
| 淋巴细胞及血浆 EB 病毒 DNA 在 EBV 感染相关疾病中表达的研究 | 喻晶, 王琳, 卢丽华, 等 (015) |
| 人偏肺病毒基因芯片检测方法的建立及初步应用 | 刘爱玲, 刘军, 刘淑燕, 等 (019) |
| 隐球菌脑膜炎患者血清外泌体 CD93 表达增高及意义 | 李腾达, 黄元兰, 刘鹏, 等 (023) |
| 慢性乙型肝炎患者外周血 IL-37 的表达水平及意义 | 黄太宏, 徐学静, 胡伟, 等 (026) |
| 血脂异常人群 ApoE 和 SLCO1B1 基因多态性及相关性研究 | 孙谦, 周辉, 郭丽娜 (028) |
| 子痫前期患者血清及尿液中 miR-125a/b-5p 的表达及相关临床研究 | 甘露, 魏明, 刘西玲, 等 (032) |
| Lp-PLA2, Hcy, HbA1c, LDL-C 水平与脑微出血相关性研究 | 刘玥, 刘西玲, 张欣, 等 (035) |
| 血清壳多糖酶 3 样蛋白 1 检测在不同肝脏疾病中的应用价值 | 石玉如, 姚余有, 岳莉, 等 (039) |
| 孕妇血清淀粉样蛋白 A 水平检测与早期原发性不明原因复发性流产的临床相关性研究 | 曹英, 刘春华, 杨亚莉 (043) |
| 过敏性紫癜患儿 PBMC 中 Toll 样受体 2,4 表达与 T 细胞亚群的关系研究 | 陆烨, 王晨, 陈乐, 等 (046) |
| 儿童川崎病患者血浆和肽素, IL-17A, TNF- α 检测与冠脉病变的相关性研究 | 严晓华, 白涛敏, 马娟, 等 (050) |
| Tim-3 在 T1DM 患者外周血单个核细胞中的表达及意义 | 徐艳杰, 艾亮, 谢欢 (053) |
| EDNRA 基因 rs5335 多态性与 aSAH 后迟发性脑血管痉挛的关联性研究 | 朱峰, 张鹏, 宋建荣, 等 (056) |
| Nrf2 基因启动子-653G/A, -651G/A 和-617C/A 位点单核苷酸多态性与帕金森病易感性的关联性研究 | 武琪, 张宝华 (060) |
| 多发性骨髓瘤患者骨髓 CD269 和 CD317 基因的差异性表达研究 | 谭奎, 沈婵娟, 张玲, 等 (064) |
| 慢性阻塞性肺疾病患者血清 LCN1, LCN2 的表达水平及临床意义 | 邱淑佳 (067) |
| 骨髓增生异常综合征患者染色体异常与细胞形态学的相关性分析 | 唐元艳, 张利铭, 张江召, 等 (071) |
| 颈动脉粥样硬化斑块性质与患者血清 miRNA-126, miRNA-155 水平的相关性研究 | 姜彦峰, 李小侠, 陈安志 (074) |
| 表皮生长因子受体基因突变与非小细胞肺癌病理的相关性分析 | 张永庆, 尚立群, 苗毅, 等 (078) |
| 内毒素结合肽 P1 和 P2 抗内毒素活性的实验研究 | 孙亚丽, 马建洲, 郭华 (081) |
| 2 型糖尿病患者血清中脂蛋白相关磷脂酶 A2 检测的临床意义 | 李薪, 魏力强 (085) |
| ATP 生物荧光检测法对重症监护室物体表面污染程度的评估价值 | 倪洁, 陈宇明, 赵琦, 等 (089) |
| 肝硬化细菌感染患者血清中 Presepsin 检测的临床意义 | 许娜, 刘永霞, 高莉莉, 等 (092) |
| 原发性肝癌患者血清 VEGF 浓度与抑郁症发生的相关性研究 | 赵清侠, 杨莹, 赵丽燕, 等 (096) |
| 幽门螺杆菌感染对慢性阻塞性肺疾病血气分析及肺功能的影响 | 杜洁, 朱娜, 李红艳, 等 (099) |
| 成人患者全自动血液培养病原菌分布及药敏分析 | 李小侠, 程倩, 马娟, 等 (102) |
| 孕妇产后甲状腺炎患者血清中 IL-6, IFN- γ , TNF- α , TPO-Ab 含量检测的临床意义 | 田宇, 杨超, 陈葳, 等 (106) |
| 鲍曼不动杆菌在 ICU 病房传播途径及耐药性研究 | 归巧娣, 刘文康, 任健康, 等 (109) |
| 血清 TBA, CG 检测在妊娠期肝内胆汁淤积症早期诊断及围产儿不良结局影响的临床意义 | 朱文芳, 韩双, 邹爱民, 等 (112) |
| 血清 SOD 和 ERK 等指标在急性冠脉综合征中的应用及相关性分析 | 刘永玲, 罗厚龙, 刘行超, 等 (115) |

- 西安地区妇科患者阴道分泌物支原体检测及耐药性分析 解 娟,刘文康,李 博,等(118)
胸腔积液中 CEA,FDP 和 DD 检测对良恶性胸腔积液鉴别的意义 张 华,李小侠,刘 靖,等(122)
热休克蛋白 70-hom 基因+2437T/C 多态性与乳腺癌易感性的相关性研究 王媛媛,艾克东,寇建锋 (125)

研究简报·实验技术

- 实体肿瘤化疗患者使用粒细胞集落刺激因子对外周血中性粒细胞形态参数变化的影响 张 磊,李 娟,王金华,等(128)
肝癌细胞单克隆抗体磁珠对人肝癌、胃癌细胞株特异性富集的实验研究 郝文斌,相芬芬,乐红红,等(132)
陕西省新发现艾滋病感染者 HIV 耐药警戒线调查研究 任 强,付钰淋,李 华,等(136)
早期带状疱疹、急性胆囊炎、急性心肌梗死患者血细胞计数检测结果比较的临床分析 田 琼,薛娟娟,高田原,等(139)
全自动核酸提取仪对三种性传播病原体检测的性能评价 张 睿,叶阿里,孔令君,等(142)

检验与临床

- 陕西省宝鸡和咸阳两地妇女 HPV 感染现状和类型分析 原 荣,李 军,南 星,等(145)
HBeAg 阳性慢性乙型肝炎患者大量输血后其血清标志物变化研究 徐少华,郑崛村,赵 静,等(147)
血清 DBIL,TBIL,DBIL/TBIL 检测在药物性肝损伤诊断中的应用 刘 波,张惠琴,邹荣莉 (151)

质量控制·实验室管理

- 京津冀地区 56 家临床检验结果互认实验室 18 个常规化学项目参考区间结果分析 李婷婷,赵海建,王 薇,等(154)
临床检验程序不精密度、正确度及诊断准确度验证的实用性方法 段 敏,赵海建,王 薇,等(160)

广告索引

彩色广告:

浙江东瓯诊断产品有限公司

封二

潍坊三维生物工程集团有限公司

加一

潍坊市康华生物医药有限公司

加二

中国科技核心期刊收录证书

封三

深圳市爱康电子有限公司

封底

刊名题字:著名于体书法家李立恺先生

本期责任编辑:王 华

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:CN 61-1398/R (国内统一连续出版物)

双月刊(1986 年 1 月创刊)第 32 卷 第 6 期 2017 年 11 月
主管单位:陕西省卫生和计划生育委员会

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:徐永刚

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

封面设计:王 华 雷岐锁

本期责任编辑:王 华 郭文静

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:长安大学雁塔校区印刷厂

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:中国国际图书贸易集团有限公司

邮发代号:国内 52—116/国外 BM6452

国内定价:15.00 元/期

广告许可证:陕工商广字 6100004000018 号

Journal of Modern Laboratory Medicine

Vol. 32 No. 6 Nove. 2017

Main Contents

| | | |
|---|---|-------|
| Establishment of LNA-taqman Quantitative Real-time PCR for Detecting CYP4F2-C1347T, CYP2C9 * 3, VKORC1-C1173T and VKORC1-G1639A Genes Polymorphism | YIN Xu-fang, RAO Pin-bin, JIANG Wei-xia | (001) |
| Study on the Levels and Clinical Significance of Serum miR-150 in Children with Nephrotic Syndrome | ZHU Yuan-yuan, LUO Yang, GU Wan-jian, et al | (006) |
| Development of A Multiplex PCR Method for Detecting Six Types of Viruses Causing Encephalitis | WANG Xiao-nan, LU Shi-qi, JI Jian-gang, et al | (011) |
| Expression of Epstein-Barr Virus DNA in Peripheral Blood Lymphocytes and Plasma in Patients with EBV-Associated Diseases | YU Jing, WANG Lin, LU Li-hua, et al | (015) |
| Establishment and Preliminary Application of the Gene Chip Detection Method of Human Pneumosis Virus | LIU Ai-ling, LIU Jun, LIU Shu-yan, et al | (019) |
| Elevated Expression of CD93 in Serous Exosomes from Patients with Cryptococcal Meningitis and Its Significance | LI Teng-da, HUANG Yuan-lan, LIU Peng, et al | (023) |
| Expression and Clinical Significance of Blood IL-37 in Patients with Chronic HBV | HUANG Tai-hong, XU Xue-jing, HU Wei, et al | (026) |
| Analysis of Dyslipidemia Correlation and Polymorphisms of ApoE and SLCO1B1 Gene in Dyslipidemia People | SUN Qian, ZHOU Hui, GUO Li-na | (028) |
| Expression of miR-125a/b-5p in Serum and Urine of Preeclampsia and Related Clinical Studies | GAN Lu, WEI Ming, LIU Xi-ling, et al | (032) |
| Study on the Relationship between Lipoprotein-Related Phospholipase A2, Homocysteine, Beta-N-1-Deoxy Fructosyl Component of Hemoglobin and Cerebral Microbleeds | LIU Yue, LIU Xi-ling, ZHANG Xin, et al | (035) |
| Clinical Application Value of Chitinase-3-like Protein 1 in Patients with Different Liver Diseases | SHI Yu-ru, YAO Yu-you, YUE Li, et al | (039) |
| Clinical Research on Detecting the Serum Amyloid A Level of Pregnant Woman in Early Primary Unexplained Recurrent Spontaneous Abortion | CAO Ying, LIU Chun-hua, YANG Ya-li | (043) |
| Expression of Toll Like Receptor 2,4 in PBMC Cells of Children with Henoch Schonleinpurpura and Its Relationship with T-cell Subgroups | LU Ye, WANG Sheng, CHEN Le, et al | (046) |
| Study on the Relationship between Peptides and Interleukin-17A, Tumor Necrosis Factor α in Children Kawasaki Coronary Artery Disease | YAN Xiao-hua, BAI Tao-min, MA Juan, et al | (050) |
| Expression of Tim-3 in PBMC from Patients with T1DM and Its Clinical Significance | XU Yan-jie, AI Liang, XIE Huan | (053) |
| Association between Polymorphism of Endothelin Receptor Type A and Delayed Cerebral Vasospasm in Patients with Aneurysmal Subarachnoid Hemorrhage | ZHU Feng, ZHANG Peng, SONG Jian-rong, et al | (056) |
| Association between Nrf2 Gene -653G/A, -651G/A and -617C/A Polymorphism and Susceptibility of Parkinson's Disease | WU Qi, ZHANG Bao-hua | (060) |
| Differential Expression of CD269 and CD317 Genes in Bone Marrow of Patients with Multiple Myeloma | TAN Kui, SHEN Chan-juan, ZHANG Ling, et al | (064) |
| Expression Levels of Serum LCN1 and LCN2 in Patients with Acute Exacerbation of Chronic Obstructive Pulmonary Disease and Its Clinical Significance | QIU Shu-jia | (067) |
| Correlation between Chromosomal Abnormality and Cell Morphology with Myelodysplastic Syndrome Patients | TANG Yuan-yan, ZHANG Li-ming, ZHANG Jiang-zhao, et al | (071) |
| Clinical Application of Serum miRNA-126, miRNA-155 Detection in Evaluation of Plaque Property in the Carotid Atherosclerotic Disease | JIANG Yan-feng, LI Xiao-xia, CHEN An-zhi | (074) |
| Analysis of the Correlation between Mutations of the Epidermal Growth Factor Receptor Gene and Pathological of Non Small Cell Lung Cancer | ZHANG Yong-qing, SHANG Li-qun, MIAO Yi, et al | (078) |
| Study on the Anti-Endotoxin Activity of Human Endotoxin Binding Peptide P1 and P2 | SUN Ya-li, MA Jian-zhou, GUO Hua | (081) |
| Clinical Significance of Detection of Lipoprotein Associated Phospholipase A2 in Serum of Patients with Type 2 Diabetes Mellitus | LI Xin, WEI Li-qiang | (085) |
| Value of ATP Bioluminescence Assay for Assessing Object Surface Contamination Degree in Intensive Care Unit | NI Jie, CHEN Yu-min, ZHAO Qi, et al | (089) |
| Clinical Value of Presepsin in the Diagnosis and Prognosis of Bacterial Infection in Cirrhosis | XU Na, LIU Yong-xia, GAO Li-li, et al | (092) |

| | |
|---|-------|
| Study on the Correlation between Serum VEGF Concentration and Major Depressive Disorder of Patients with Primary Liver Cancer | (096) |
| ZHAO Qing-xia, YANG Ying, ZHAO Li-yan, et al | |
| Effect of <i>Helicobacter Pylori</i> Infection on Blood Gas Analysis and Pulmonary Function in Patients with Chronic Obstructive Pulmonary Disease | (099) |
| DU Jie, ZHU Na, LI Hong-yan, et al | |
| Pathogens Distribution and Drug Susceptibility Analysis of Adults Patients by Automatic Blood Culture | (102) |
| LI Xiao-xia, CHENG Qian, MA Juan, et al | |
| Clinical Significance of Detecting Serum IL-6, IFN-γ, TNF-α and TPO-Ab in Pregnant Women of Patients with Postpartum Thyroiditis | (106) |
| TIAN Yu, YANG Chao, CHEN Wei, et al | |
| Transmission and Analysis of Drug Resistance of <i>Acinetobacter Baumanii</i> in ICU | (109) |
| GUI Qiao-di, LIU Wen-kang, REN Jian-kang, et al | |
| Clinical Significance of Detecting Serum TBA and CG in Early Diagnosis of Intrahepatic Cholestasis of Pregnancy and Perinatal Adverse Outcomes Influence | (112) |
| ZHU Wen-fang, HAN Shuang, ZOU Ai-min, et al | |
| Level and Correlationship of Serum SOD and hsCRP and Other Indicators in Acute Coronary Syndrome | (115) |
| LIU Yong-ling, LUO Hou-long, LIU Xing-chao, et al | |
| Detection and Drug Resistance of Mycoplasma in Vaginal Secretions of Gynecological Patients in Xi'an | (118) |
| XIE Juan, LIU Wen-kang, LI Bo, et al | |
| Diagnosis Value of CEA, FDP and DD in the Pleural Effusion Specimens for Benign and Malignant Pleural Effusion | (122) |
| ZHANG Hua, LI Xiao-xia, LIU Jing, et al | |
| Association between Polymorphism of Heat Shock Protein 70-hom Gene +2437T/C and Susceptibility to Breast Cancer | (125) |
| WANG Yuan-yuan, AI Ke-dong, KOU Jian-feng | |
| Changes of Neutrophil Morphological Parameters in Peripheral Blood of Patients with Solid Tumor Treated with Granulocyte Colony Stimulating Factor | (128) |
| ZHANG Lei, LI Juan, WANG Jin-hua, et al | |
| Study on the Specificity Enrichment of Hepatoma Cell Monoclonal Antibody Against Hepatocellular Carcinoma and Gastric Cancer | (132) |
| HAO Wen-bin, XIANG Fen-fen, YUE Hong-hong, et al | |
| Investigation on Drug Resistance Threshold of Newly Found HIV Infected Persons in Shaanxi | (136) |
| REN Qiang, FU Yu-lin, LI Hua, et al | |
| Blood Routine Analysis of Patients with Herpes Zoster at Early Stage Acute Cholecystitis and Acute Myocardial Infarction | (139) |
| TIAN Qiong, XUE Juan-juan, GAO Tian-yuan, et al | |
| Feasibility of Detection Three Kinds of Sexually Transmitted Pathogen by MGX Automatic Nucleic Acid Extraction Workstation | (142) |
| ZHANG Rui, YE A-li, KONG Ling-jun, et al | |
| HPV Prevalence and Subtypes Analysis of Women in Baoji and Xianyang Area of Shaanxi Province | (145) |
| YUAN Rong, LI Jun, NAN Xing, et al | |
| Changes of Serum Markers in Patients with HBeAg Positive Chronic Hepatitis B after Massive Blood Transfusion | (147) |
| XU Shao-hua, ZHENG Jue-cun, ZHAO Jing, et al | |
| Application of Serum DBIL, TBIL, DBIL/TBIL Detection in the Diagnosis of Drug-induced Liver Injury | (151) |
| LIU Bo, ZHANG Hui-qin, ZOU Rong-li | |
| Analysis of Reference Intervals of 18 Routine Biochemistry in 56 Mutual Recognition Laboratories in Beijing-Tianjin-Hebei Region | (154) |
| LI Ting-ting, ZHAO Hai-jian, WANG Wei, et al | |
| Pragmatic Approach of Verification of Examination Procedures in Clinical Laboratory for Imprecision, Trueness and Diagnostic Accuracy | (160) |
| DUAN Min, ZHAO Hai-jian, WANG Wei, et al | |

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: XU Yong-gang

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. 32 No. 6 Nove. 2017

Responsible Institution:

Shaanxi Health and Family Planning Commission

Sponsors:

Shaanxi Province Center for Clinical Laboratory

Shaanxi Province People's Hospital

Edited by the Editorial Board of «Journal of Modern Laboratory Medicine»

Address: 256 Youyi West-road, Xian, 710068

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

Http: // www. xdjyyxzz. 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