

# 中国卫生检验杂志

CHINESE JOURNAL OF HEALTH LABORATORY TECHNOLOGY

1991 年创刊 (月刊) 2011 年 第 21 卷 第 2 期 Vol. 21 No. 2

## 主 管

中华人民共和国卫生部  
100044, 北京市西城区西直门外南路 1 号

## 主 办

中华预防医学会  
100009, 北京市西城区鼓楼西大街 154 号

## 社长总编

张绍武

## 常务副社长

张 甜

## 副主编

郁庆福 李桂英 张克荣 姜友珍

## 责任编辑

田 海 姜友珍

## 编 辑

中国卫生检验杂志编辑委员会  
100007, 北京市 100007 - 9 号信箱

## 出 版

中国卫生检验杂志社

## 出版日期

2011 年 2 月 10 日

## 广告经营许可证号

4100004000124

## 发 行

国内发行: 北京市邮政局  
邮发代号: 80 - 152  
国外发行: 中国国际图书贸易总公司  
(北京 399 信箱)  
邮发代号: M5752

## 定 价

每期 16.5 元

## 标准刊号

ISSN1004 - 8685  
CN41 - 1192/R

2011 年版权归中国卫生检验杂志社所有

## 目 次

### 论 著

- 嘌呤核苷磷酸化酶 - 黄嘌呤氧化酶 - 尿酸酶 - 过氧化物酶偶联双试剂匀相速率法测定血清 5' - 核苷酸酶 ..... 连国军 王文蔚 潘利琴 等 (261)
- 反相高效液相色谱法快速测定食品中 18 种水溶性合成着色剂 ..... 肖海龙 屠海云 王红青 等 (264)
- 三聚氰胺人工抗原合成方法的研究 ..... 何恩奇 钮伟民 周磊 等 (267)
- 免疫组化法检测人牙龈成纤维细胞 TRAF6 表达 ..... 王翔宇 孙克勤 李霞 等 (269)
- 高效液相色谱法同时测定食品包装水性模拟液中二苯甲酮和 4 - 甲基二苯甲酮 ..... 王红松 陈明 汤礼军 等 (272)
- 产前非创伤性检测胎儿 kidd 血型基因型方法的建立及其应用 ..... 秦斐 何吉 王芳 等 (274)
- 改进的 QuEChERS 方法配合 GPC - GC - MS 在线联用系统测定果蔬中 31 种农药残留 ..... 李琰 蔡跃 杨胜琴 等 (277)
- CBA 技术检测胃肠癌患者 Th1/Th2 细胞因子表达水平的研究 ..... 高赞 许沈华 朱赤红 等 (280)
- RNA 逆转录荧光定量 PCR 检测食源性沙门菌 ..... 张弛 褚庆华 杨捷琳 等 (284)
- 探讨降低实时荧光 PCR 定量分析系统误差的对策 ..... 邓平建 杨冬燕 (287)
- SALL4/BMI - 1 基因在骨髓瘤的表达及临床意义 ..... 张卫平 姚航平 童向民 (290)

### 化学测定方法

- 工作场所空气中 9 种酯类化合物的检测 ..... 张念华 应英 汤璠 等 (293)
- 采用 96 微孔板测定尿碘的研究 ..... 赵长容 方芳 周咸吉 等 (296)
- 脯氨酸与 2,3 - 二氯 - 5,6 - 二氰 - 1,4 - 对苯醌荷移反应的研究 ..... 宋秀丽 李省云 白旭峰 (300)
- 正交实验设计优化石墨炉原子吸收法实验条件测定脐带血铅 ..... 吴库生 郭勇勇 徐锡金 等 (302)
- GC/MS 同时检测人尿中 N,N - 二甲基乙酰胺及其代谢产物 N - 甲基乙酰胺 ..... 李峰 洪萍 应杏秋 (304)

# 本刊编委 (排名不分先后)

李 蓓 傅 萍 何浙生 丁家华  
陈守建 叶能权 贾珍珍 何晓青  
李发生 何建国 许春向 刘秀梅  
王志玉 冀元棠 毕永毅 高永清  
晁福寰 邹学贤 刘殿武 仓公敖  
吕昌银 方赤光 孙成均 栗文元  
姜庆五 凌文华 韩玉霞 康维钧  
曹 佳 黄国伟 王大宁 袁志勇  
孙长颢 廖百森 赵 卓 杨 元  
李晓虹 张 曦 谭晓东 裴晓方  
任一平 徐东群 栾 燕 潘 慧  
王相东 祁建城 崔 巍 裴少军  
吴清平 曾现伟 康 辉 阙 枫  
王京宇

## Editorial Board Member

Li Rong, Pu Ping, He Zhesheng, Ding Jiahua,  
Chen Shoujian, Ye Nengquan, Jia Zhenzhen, He  
Xiaoqing, Li Fasheng, Hu Jianguo, Xu Chunxiang,  
Liu Xiumei, Wang Zhiyu, Ji Yuantang, Bi Yongyi,  
Gao Yongqing, Chao Fuhuan, Zou Xuexian, Lin  
Dianwu, Cang Gongao, Lv Changyin, Fang  
Chiguang, Sun Chengjun, Li Wenyuan, Jiang  
Qingwu, Ling Wenhua, Han Yuxia, Kang Weijun,  
Cao Jia, Huang Guowei, Wang Daning, Dou  
Zhiyong, Sun Changhao, Liao Baisen, Zhao Zhuo,  
Yang Yuan, Li Xiaohong, Zhang Xi, Tan Xia-  
odong, Pei Xiaofang, Ren Yiping, Xu Dongqun,  
Luan Yan, Pan Hui, Wang Xudong, Qi Jiancheng,  
Cui Wei, Pei Shaojun, Wu Qingping, Zeng Xian-  
wei, Kang Hui

## 社 址

450003 郑州市经一路12号

## 网 址

www.cdc999.com

## 投稿电子信箱

wsjyzz@126.com

## 印 刷

北京嘉恒彩印有限公司

## 广告代理

北京行胜言广告有限公司  
电话: 010-52086693/52086694

## 来稿咨询电话

010-84030401

|                                                                                           |                    |
|-------------------------------------------------------------------------------------------|--------------------|
| LC-MS/MS法测定大鼠血浆中的6-7-二甲氧基香豆素 .....                                                        | 陈静 王少敏 王柯 等 (306)  |
| 高效液相色谱法同时测定水中三种微囊藻毒素 .....                                                                | 陈海燕 俞幸幸 陈懿 等 (309) |
| 氢化物发生-原子荧光法同时测定药食同源药材中痕量锡和铋 .....                                                         | 金波 马辰 (311)        |
| 农药中毒快速分类确证检测方法的研究 .....                                                                   | 卫海燕 邵华 (316)       |
| 薏苡仁中7种真菌毒素的液相色谱-串联质谱测定法 .....                                                             | 郑荣 王少敏 简龙海 等 (318) |
| 电感耦合等离子体质谱法测定虾粉中铜、砷和镉 .....                                                               | 侯建荣 彭荣飞 黄聪 等 (321) |
| 高效液相色谱法测定消毒剂和卫生护理用品中的对氯间二甲苯酚 .....                                                        | 魏文华 董四平 (323)      |
| 气相色谱法测定大米中氰戊菊酯残留量的方法研究 .....                                                              | 胡建民 李芳 李锋格 等 (325) |
| 食品中富马酸二甲酯残留的气相色谱检测方法研究 .....                                                              | 游飞明 (327)          |
| 毛细管气相色谱法测定工作场所空气中苯系物、酮和酯 .....                                                            | 罗炜 李自力 黄世平 (329)   |
| 石墨炉原子吸收光谱法测定尿铅含量影响因素的研究 .....                                                             | 葛荣正 (331)          |
| 两种方法测定工作场所空气中锡及其化合物的比较 .....                                                              | 王军明 姜枫 史立新 (333)   |
| 恒电位安培法检测痕量亚硝酸根 .....                                                                      | 张小林 (335)          |
| 紫外分光光度法测定银杏制品中黄酮的研究 .....                                                                 | 杨静红 丁晓燕 周扬 等 (337) |
| 几种砷化合物微波消解前后氢化物发生行为 .....                                                                 | 解楠 徐红斌 曹程明 (339)   |
| 石墨炉原子吸收法测定全血中铝 .....                                                                      | 许兵 彭一色 (342)       |
| 柱前衍生高效液相色谱法测定食品中黄曲霉毒素B <sub>1</sub> 、B <sub>2</sub> 、G <sub>1</sub> 、G <sub>2</sub> ..... | 王阳 曹忠波 (344)       |
| 微波消解-氢化物发生-原子荧光光谱法测定中药材中的痕量汞 .....                                                        | 刘桂英 冯保智 (346)      |
| 共振瑞利散射法快速测定果汁中糖精钠 .....                                                                   | 张国胜 韩晓声 徐琳琳 (348)  |
| 青钱柳叶血糖相关元素向人工胃液迁移的ICP-MS法测定 .....                                                         | 李品 (351)           |
| HPLC法同时测定牛奶中7种磺胺类药物和4种氟喹诺酮类兽药 .....                                                       | 邬晨阳 韩小江 (353)      |
| 液液萃取气相色谱法测定生活饮用水中的百菌清 .....                                                               | 巢秀琴 曹杰 (356)       |
| 大体积进样-免试剂离子色谱法测定瓶装水中的溴酸盐和溴化物 .....                                                        | 刘丽菁 杨艳 (358)       |
| 蔬菜中五氯硝基苯残留量的高效液相色谱测定方法 .....                                                              | 金永富 欧阳立群 吴富忠 (361) |
| 火锅调料中5种生物碱成分的液相色谱-串联质谱测定法 .....                                                           | 王柯 郑荣 简龙海 等 (363)  |

## 实验研究

- 医院感染鲍曼不动杆菌中 I 类整合子的分布及其同源性研究 ..... 刘彩霞 蒋伟燕 杨锦红 等 (366)
- 绝经前后女性激素变化与脂质代谢的相关性研究 ..... 王雪松 (369)
- 吐温 80 作为 Ames 试验中样品溶剂的可行性研究 ..... 林春芳 陈明中 (371)
- 23 例健康人 CD<sub>3</sub> + CD<sub>4</sub> + T 淋巴细胞计数与相对时间之间的关系 ..... 段飞云 普红珍 赵正龙 等 (375)
- 脂联素基因多态性与动脉粥样硬化的关系 ..... 王冬莲 厉世笑 蔡晓敏 等 (377)
- hs-CRP、IP(a)、Fig、TB 和 UA 与冠状动脉病变的相关性研究 ..... 王晓磊 吴盛海 赵洪灿 等 (380)

## 微生物检测方法

- 利用荧光 RT-PCR 法检测环境水体中诺如病毒 ..... 李巧艳 吴新伟 刘于飞 等 (382)
- 基于重组溶血素单抗的单核李斯特菌 ELISA 检测法的建立 ..... 郭建巍 马骥 王珍光 等 (386)
- 环介导恒温核酸扩增技术快速检测志贺菌研究 ..... 梅玲玲 朱敏 占利 等 (389)
- 男性不育精液单纯疱疹病毒 II 型感染检测分析 ..... 罗思红 胡建鹏 李迎春 等 (392)
- 食醋微生物学检验方法的验证 ..... 刘萌 (394)
- 含抗菌成分香皂除菌效果评价方法的研究 ..... 张伟 马玲 李炎 等 (397)
- MDCK 细胞用于流感病毒分离培养的实验条件探索 ..... 于翔翔 高玉朋 李莉 等 (399)
- 常见革兰阳性球菌分布特征及药敏分析 ..... 童照威 李晓峰 宋群 等 (401)
- 临床分离大肠埃希菌的分布及其耐药性分析 ..... 车惠琴 谭少华 秦美芸 (404)
- 院内感染鲍曼不动杆菌泛耐株的分布及耐药性 ..... 王莹 盖俊惠 李卓成 (407)
- 儿科血培养病原菌类型及其耐药性分析 ..... 李树林 (410)
- 161 株鲍曼不动杆菌 OXA-23 基因组介导的耐药性和同源性分析 ..... 吕美艳 周翠 徐琦煜 等 (412)
- 血培养病原菌的分布及耐药性分析 ..... 阮奕 钟倩怡 郑瑞琳 等 (416)
- 50 株食源性金黄色葡萄球菌肠毒素特性及耐药分析 ..... 蔡雪凤 曹宝森 刘艳琴 等 (419)
- 烟台市 2009 年-2010 年流感病毒检测结果分析 ..... 刘娟 官连凤 韩文清 等 (422)
- 医院手部消毒液消毒效果与毒性观察 ..... 林立旺 陈路瑶 陈明中 等 (424)

## 临床检验

- 高脂血症患者血清载脂蛋白及脂蛋白 a 水平变化的临床意义 ..... 王广杰 傅颖 (427)
- 晨尿芳香基硫酸酯酶活性参考值及其临床应用 ..... 牛润桂 敬华 阎昭 等 (429)
- 脑膜败血黄杆菌的临床分布及耐药性分析 ..... 何小帆 陈慧红 金敏雅 等 (432)
- 尿路感染患者病原菌分布及药敏试验结果 ..... 何雁 高婷 王岚 (434)
- 老年患者大肠埃希菌分离株耐药性及氨基糖苷类修饰酶基因分析 ..... 杨萍 (437)
- 纤维蛋白原、D-二聚体和血小板指标检测在骨折患者中的意义 ..... 吴荣辉 朱秋萍 (439)
- 获得性免疫缺陷综合征患者戊型肝炎病毒感染状况 ..... 严艳 李卓 牛京勤 等 (442)
- 10738 名中学生乙肝病毒血清学标志物检测情况分析 ..... 陈雪芳 许文芳 (444)
- 331 株不动杆菌的临床分布特点及耐药性监测 ..... 严霜红 陈小南 吴晓立 等 (446)
- 动态监测 C-反应蛋白在早产儿院内感染中的临床应用 ..... 马雪莲 黄静 (448)
- SP-A、TNF- $\alpha$ 、IL-6、IL-8 在支气管哮喘中的检测与分析 ..... 樊德利 赵翊 李伟 (450)
- 自动生化分析仪试剂携带污染干扰镁测定排除方法 ..... 谭晓霞 陈鹏龙 吴新华 等 (452)
- 耐碳青霉烯类抗生素的肺炎克雷伯菌 KPC 酶检测分析 ..... 叶智颖 吕火祥 胡庆丰 等 (454)
- 丽水市小儿急性下呼吸道感染肺炎支原体的流行病学分析 ..... 刘五高 丁友法 王艳 (456)

## 监测报告

- 陇南茶叶中拟除虫菊酯残留检测与安全分析 ..... 周晶 聂融 侯言东 (458)
- 偃师市 2010 年生活饮用水水质监测结果分析 ..... 张向红 张开展 李亚琼 等 (462)
- 2006 年-2009 年广西水体及海水产品霍乱弧菌监测分析 ..... 权怡 方锦嵩 周凌云 等 (464)

|                                                     |               |       |
|-----------------------------------------------------|---------------|-------|
| 莱芜市 2009 年农村生活饮用水水质检测结果浅析 .....                     | 唐晶磊 亓娜 王雪峰    | (466) |
| 2006 年 - 2009 年新邵县食品、公共场所从业人员乙肝五项和 ALT 检测结果分析 ..... | 岳友宏           | (468) |
| 某燃煤热电厂职业病危害现状调查与评价 .....                            | 姜彩霞 杨章萍 张旭慧 等 | (470) |
| 台州市零售海水产品中副溶血性弧菌的监测及主要毒力基因分析 .....                  | 沈伟伟 裘丹红 徐佳 等  | (473) |
| 宜春市 2005 年 - 2009 年麻疹抗体实验室检测结果分析 .....              | 谢海珍 黄秋艳 祝晓静   | (476) |
| 甘肃舟曲灾后生活饮用水水质调查分析 .....                             | 何健            | (478) |
| 2007 年 - 2009 年濮阳市 6 岁以下急性腹泻儿童志贺菌耐药性分析 .....        | 颜秉兴 马卫红 孙迎军 等 | (480) |
| 潍坊市医疗机构消毒效果分析 .....                                 | 管益涛 王志玉 徐爱强   | (482) |

## 调查报告

|                                                        |               |       |
|--------------------------------------------------------|---------------|-------|
| 安义县 3 岁 ~ 6 岁学龄前儿童尿钙水平调查 .....                         | 王琪 袁玫 李端 袁昆华  | (484) |
| 温州市代谢综合征流行特征及其影响因素调查 .....                             | 邵永强 郑剑勇 廖晓伟 等 | (486) |
| 2009 年武汉市农村生活饮用水水质卫生监测结果分析 .....                       | 刘俊玲 张启生 刘正丹   | (490) |
| 清远市空调冷却塔水军团菌污染状况调查 .....                               | 黄惠兴 李桂霞 王平原 等 | (493) |
| 东莞市 12 月 ~ 18 月龄健康婴幼儿鼻咽部肺炎链球菌、流感嗜血杆菌及卡他莫拉菌携带状况调查 ..... | 张莉萍 李贺扬 袁达康 等 | (496) |
| 2407 例 7 月 ~ 12 月龄儿童乙肝抗体滴度水平研究报告 .....                 | 刘耀珍 陈建琳 唐兆武 等 | (499) |
| 余杭区 8 起副溶血弧菌食物中毒的同源性研究 .....                           | 李明强 汪皓秋 郑伟 等  | (502) |
| 2008 年 - 2009 年海南文昌地区生活饮用水检测结果分析 .....                 | 邝正文           | (505) |

## 实验室管理

|                             |               |       |
|-----------------------------|---------------|-------|
| 利用能力验证数据对检测过程的误差分析 .....    | 裘海文 何珊珊       | (507) |
| 职业卫生标准化管理与质量管理体系的建立探讨 ..... | 马晓钟 杨秋玲 姚道华   | (509) |
| 输血科实验室生物安全防护规范化管理探讨 .....   | 吴争胜 蒋璐茜 陈秉宇   | (511) |
| 正确处理客户投诉 改进实验室质量管理体系 .....  | 顾涛 刘贵明 周帆 等   | (513) |
| 谈管理评审的输入和输出 .....           | 曲晓明 孙敏        | (515) |
| 红河州艾滋病筛查实验室质量管理考评结果分析 ..... | 邓文青 吴湘云 代建平 等 | (516) |

## 经验交流

|                                    |             |       |
|------------------------------------|-------------|-------|
| ELISA 法检测抗 - HIV 质控血清的制备和应用 .....  | 李静          | (518) |
| 应用电感耦合等离子体发射光谱法快速测定食品中的钙、铁、锌 ..... | 邓泽英 应月青 李京晶 | (519) |
| 走向理性的新鲜冰冻血浆输血 .....                | 洪慧东 项海燕     | (521) |
| 水中氰化物测定的间隔流动注射仪维护方法改进 .....        | 孙立文 赵伟      | (523) |
| 现代卫生理化检验前瞻 .....                   | 阳丽斌 张丽华     | (524) |

## 短篇报道

|                                             |               |       |
|---------------------------------------------|---------------|-------|
| 血清 BMP - 2、4、7 蛋白检测在单纯脑外伤患者异位骨化中的预测价值 ..... | 孙伟方 王晔恺 刘晓光 等 | (526) |
| 宣武区医疗机构 2008 年消毒效果检查分析 .....                | 杨维军 闫凤桂 王莹 等  | (528) |
| 一起食物中毒的检测与分析 .....                          | 牛森海           | (529) |

## 综 述

|                       |            |       |
|-----------------------|------------|-------|
| 双酚 A 测定方法的研究进展 .....  | 胡文兰 刘建毅 张倩 | (530) |
| 食品中农药残留检测技术研究进展 ..... | 程文杰        | (534) |

## 信 息

|                                     |  |       |
|-------------------------------------|--|-------|
| 梅特勒 - 托利多瑞宁 RAININ 两款新产品全新上市! ..... |  | (472) |
|-------------------------------------|--|-------|

# CHINESE JOURNAL OF HEALTH LABORATORY TECHNOLOGY

(Monthly) February 2011 Volume 21 Number 2

## Managed by

Ministry of Health of P. R. C

## Sponsored by

China Preventive Medicine Association

## Editor in Chief

Zhang Shaowu

## Assistant Chairman

Zhang Tian

## Vice Editor in Chief

Yu Qingfu, Li Guiying, Zhang Kerong, Jiang Youzhen

## Managing Director

Tian Hai, Jiang Youzhen

## Edited by

Editorial Board of Chinese Journal of Health Laboratory Technology

## Published by

Chinese Journal of Health Laboratory Technology

## Address

P. O. Box 9 - 100007, Beijing, China

## Postcode

100007

## Printing

Beijing Jiaheng Color Printing Co., Ltd

## Domestic Distributor

Beijing Post Office

## Overseas Distributor

China International Book Trading Corporation  
(P. O. Box 399, Beijing, China)

## Code No

M5752

## Advertising Management Licence

4100004000124

## Date of Publication

February 10, 2011

## Website

www.cdc999.com

## E-mail

wsjyzz@126.com

## Price

RMB ¥ 16.5

## CSSN

ISSN1004 - 8685

CN41 - 1192/R

Copyright 2011 by Editorial Department of  
Chinese Journal of Health Laboratory Technology

## CONTENTS IN BRIEF

### Original Articles

The PNP - XTO - UAO - POD - coupled spectrophotometric kinetic method of serum 5' - NT analysis .....

..... LIAN Guo - jun, WANG Wen - wei, PAN Li - qin *et al* (261)

Rapid method for simultaneous determination of 18 water - soluble synthetic pigments in food by RP - HPLC .....

XIAO Hai - long, TU Hai - yun, WANG Hong - qing *et al* (264)

Study on the synthesis of artificial antigens of melamine .....

..... HE En - qi, NIU Wei - min, ZHOU Lei *et al* (267)

Detection of the expression of TRAF6 in Human gingival fibroblasts by immunohistochemical method .....

..... WANG Xiang - yu, SUN Ke - qin, LI Xia *et al* (269)

Simultaneous determination of benzophenone and 4 - methyl benzophenone in aqueous food simulants of food packaging by high performance liquid chromatography .....

..... WANG Hong - song, CHEN Ming, TANG Li - jun *et al* (272)

Establishment of noninvasive prenatal diagnosis method for fetal Kidd blood group genotype and its application .....

..... QIN Fei, HE Ji, WANG Fang *et al* (274)

Determination of 31 pesticide residues in fruits and vegetables using a on - line GPC - GC - MS system combined with modified QuEChERS .....

..... LI Yan, CAI Yue, YANG Sheng - qin *et al* (277)

Investigation in the levels of Th1 and Th2 type cytokines in patients with gastric and colorectal cancer by CBA .....

..... GAO Yun, XU Shen - hua, ZHU Chi - hong *et al* (280)

Detection of food - borne *Salmonella* of RNA using real - time reverse transcription PCR .....

..... ZHANG Chi, CHU Qing - Hua, YANG Jie - Lin *et al* (284)

The exploration to reduce the system error of real - time fluorescent PCR quantitative analysis .....

DENG Ping - jian, YANG Dong - yan (287)

The SALL4/BMI - 1 expression and Clinical Significance in Multiple myeloma .....

ZHANG Wei - Ping, YAO Hang - Ping, TONG Xiang - Min (290)

### Chemical Detection Method

Determination of 9 volatile esters compounds in workplace air .....

..... ZHANG Nian - Hua, YING Ying, TANG Jun *et al* (293)

Study on the determination of urinary iodine in 96 - well microplate .....

..... ZHAO Chang - rong, FANG Fang, ZHOU Xian - ji *et al* (296)

Charge transfer reaction of proline with 2,3 - dichloro - 5,6 - dicyano - 1,4 - benzoquinone .....

..... SONG Xiu - li, LI Sheng - yun, BAI Xu - feng (300)

Application of orthogonal experiment design in optimizing the determination condition of lead in umbilical cord blood by GFAAS .....

..... WU Ku - sheng, GUO Yong - yong, XU Xi - jin *et al* (302)

|                                                                                                                                                                                                      |                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| Determination of N,N - Dimethylacetamide and it's metabolite N - Methylacetamide in human urine by GC/MS .....                                                                                       | LI Feng, HONG Ping, YING Xing - qiu (304)                       |
| Determination of 6,7 - dimethoxycoumarin in Rat Plasma by LC - MS/MS Method .....                                                                                                                    | CHEN Jing, WANG Shao - min, WANG Ke <i>et al</i> (306)          |
| Study on Simultaneous determination of three microcystins in water by high - performance liquid chromatography .....                                                                                 | CHEN Hai - yan, YU Xing - xing, CHEN Yi <i>et al</i> (309)      |
| Simultaneous determination of tin and bismuth in medicinal and edible Chinese medicinal materials by hydride generation - atomic fluorescence spectrometry .....                                     | JIN Bo, MA Chen (311)                                           |
| A new method of micro - chromatography to rapid detect in pestidide poisoning analysis .....                                                                                                         | WEI Hai - yan, SHAO Hua (316)                                   |
| Determination of seven mycotoxins in Yiyiren by LC - MS/MS .....                                                                                                                                     | ZHENG Rong, WANG Shao - min, JIAN Long - hai <i>et al</i> (318) |
| Determination of copper, arsenic and cadmium in shrimp powder by inductively coupled plasma mass spectrometry .....                                                                                  | HOU Jian - rong, PENG Rong - fei, HUANG Cong <i>et al</i> (321) |
| Determination of PCMX in disinfectant and health nursing product by HPLC .....                                                                                                                       | WEI Wen - hua, DONG Si - ping (323)                             |
| Study on fenvalerate residues in rice by gas chromatography .....                                                                                                                                    | HU Jian - min, LI Fang, LI Feng - ge <i>et al</i> (325)         |
| Determination of dimethyl fumarate residues in foods by gas chromatography .....                                                                                                                     | YOU Fei - ming (327)                                            |
| Determination of benzene homologues, ketone and ester in workplace air by capillary gas chromatography .....                                                                                         | LUO Wei, LI Zi - li, HUANG Shi - ping (329)                     |
| Graphite furnace atomic absorption spectrometry determination of lead content in urine of factors .....                                                                                              | GE Rong - zheng (331)                                           |
| A comparison between two determination methods for tin and its compounds in air of workplace .....                                                                                                   | WANG Jun - ming, JIANG Feng, SHI Li - xin (333)                 |
| Determination of trace Nitrite by constant potential amperometric .....                                                                                                                              | ZHANG Xiao - lin (335)                                          |
| Determination of flavonoids in ginkgo biloba product by direct ultraviolet spectrophotometry .....                                                                                                   | YANG Jing - hong, DING Xiao - yan, ZHOU Yang <i>et al</i> (337) |
| Study on hydride generation behavior of several arsenic compounds before and after microwave digestion .....                                                                                         | XIE Nan, XU Hong - bin, Cao Cheng - ming (339)                  |
| Measurement of aluminium by graphite furnace atomic absorption spectrometry in whole blood .....                                                                                                     | XU Bing, PENG Yi - se (342)                                     |
| The aflatoxin B <sub>1</sub> , B <sub>2</sub> , G <sub>1</sub> and G <sub>2</sub> in food were decontaminated by high performance liquid chromatograph with a sample was derived before column ..... | WANG Yang, CAO Zhong - bo (344)                                 |
| Determination of trace mercury in Chinese herbal medicine by hydride generation - atomic fluorescence spectrometry with microwave digestion .....                                                    | LIU Gui - ying, FENG Bao - zhi (346)                            |
| Quick determination of saccharin in juice with resonance rayleigh scattering .....                                                                                                                   | ZHANG Guo - sheng, HAN Xiao - sheng, Xu Lin - lin (348)         |
| Transfer characteristics of elements related to blood sugar from cyclocarya paliurus ( Batal. ) Iljinskaja to simulated gastric fluid by ICP - MS .....                                              | LI Pin (351)                                                    |
| Simultaneous determination of sulfonamides and fluoroquinolones residues in milk by high performance liquid chromatography .....                                                                     | WU Chen - yang, HAN Xiao - jiang (353)                          |
| Determination of Chlorothalonil in drinking water by gas chromatography (GC) with liquid - liquid extraction .....                                                                                   | CHAO Xiu - qin, CAO Jie (356)                                   |
| Determination of bromate and bromide in bottled drinking water by free reagent ion chromatography with Large volume injection .....                                                                  | LIU Li - jing, YANG yan (358)                                   |
| Determination of quintozene residues in vegetables by high performance liquid chromatography .....                                                                                                   | JING Yong - fu (361)                                            |
| Detection of alkaloids residues in hot foods with LC - MS/MS .....                                                                                                                                   | WANG Ke, ZHENG Rong, JIAN Long - hai <i>et al</i> (363)         |

## Experimental Study

|                                                                                                                  |                                                                 |
|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| Distribution of integon 1 in Acinetobacter baumannii strains from nosocomial infections and their homology ..... | LIU Cai - xia, LI Fang - qu, JIANG Wei - yan <i>et al</i> (366) |
| The study on the correlations between the serum sex hormones and lipid metabolism in the menopausal women .....  | WANG Xue - song (369)                                           |

|                                                                                                                    |                                                                      |
|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| Feasibility studies on Tween 80 used as sample solvent in Ames test .....                                          | LIN Chun - fang, CHEN Ming - zhong (371)                             |
| To analysis the correlation between CD3 + CD4 + T lymphocyte count of 23 healthy persons and the relative time ... | DUAN Fei - yun, PU Hong - zhen, ZHAO Zheng - long <i>et al</i> (375) |
| Relationship between adiponectin gene single nucleotide polymorphism and Atherosclerosis .....                     | WANG Dong - lian, CAI Xian - min, LI Shi - xiao <i>et al</i> (377)   |
| Correlation of serum level of hs - CRP, LP (a), Fig, TB, and UA with coronary artery lesion .....                  | WANG Xiao - lei, WU Sheng - hai, ZHAO Hong - can <i>et al</i> (380)  |

## Microbe Detection Method

|                                                                                                                                      |                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| Detection of norovirus in environmental water by quantitative real - time RT - PCR .....                                             | LI Qiao - yan, WU Xin - wei, LIU Yu - fei <i>et al</i> (382)      |
| A recombinant listeriolysin O monoclonal antibody based ELISA for detection of <i>Listeria monocytogenes</i> .....                   | GUO Jian - wei, MA Cong, WANG Zheng - guang <i>et al</i> (386)    |
| Rapid and sensitive detection of <i>Shigella</i> by Loop - Mediated Isothermal Amplification .....                                   | MEI Ling - ling, ZHU Min, ZHAN Li <i>et al</i> (389)              |
| Detection of herpes simplex virus type II in the semen of male infertility .....                                                     | LUO Si - hong, HU Jian - peng, LI Ying - chun <i>et al</i> (392)  |
| Establishment of a method for microbiological examination of Vinegar .....                                                           | LIU Meng (394)                                                    |
| Study on evaluating method for bacteria - eliminating efficacy of soap containing antiseptic ingredients .....                       | ZHANG Wei, MA Ling, LI Yan <i>et al</i> (397)                     |
| Research on influenza virus cultured in MDCK cells .....                                                                             | YU Xiang - xiang, GAO Yu - peng, LI Li <i>et al</i> (399)         |
| Distribution and drug resistance analysis of common gram - positive cocci isolated from clinical specimens .....                     | TONG Zhao - wei, LI Xiao - feng, SONG Qun <i>et al</i> (401)      |
| Distribution and resistance analysis of clinical isolated <i>Escherichia coli</i> .....                                              | CHE Hui - qin, TAN Shao - hua, QIN Mei - yun (404)                |
| Distribution of Infected pan - resistant <i>Acinetobacter baumannii</i> strain and their drug resistance in our hospital .....       | WANG Ying, GAI Jun - hui, LI Zhuo - cheng (407)                   |
| The distribution and drug resistance analysis of pathogenic bacteria isolated from blood culture samples on pediatric patients ..... | LI Shu - lin (410)                                                |
| The resistance and homology analysis of 161 <i>acinetobacter baumannii</i> induced by genome OXA - 23 .....                          | LV Mei - yan, ZHOU Cui, XU Qi - yu <i>et al</i> (412)             |
| Analysis of drug resistance and distribution of <i>Pathogenic</i> bacteria in blood cultures .....                                   | RU Yi, ZHONG Qian - yi, ZHENG Rui - lin <i>et al</i> (416)        |
| Enterotoxin property and drug resistance analysis of 50 strains of food - borne <i>Staphylococcus aureus</i> .....                   | CAI Xue - feng, CAO Bao - sen, LIU Yang - qing <i>et al</i> (419) |
| Analysis of influenza surveillance in Yantai during 2009 - 2010 .....                                                                | LIU Juan, GONG Lian - feng, HAN Wen - qing <i>et al</i> (422)     |
| Observation on disinfection effect and toxicity of hand antiseptic agent in healthcare settings .....                                | LIN Li - wang, CHEN Lu - Yao <i>et al</i> (424)                   |

## Clinical Laboratory Test

|                                                                                                                                       |                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| The clinical significance of the changes in the level of serum apolipoprotein and lipoprotein a in patients with hyperlipidemia ..... | WANG Guang - jie, FU Ying (427)                                 |
| Reference value of morning urinary arylsulfatase activity and its clinical application .....                                          | NIU Run - gui, JING Hua, YAN Zhao <i>et al</i> (429)            |
| The clinical distribution and drug resistance of <i>chryseobacterium meningosepticum</i> .....                                        | HE Xiao - fan, CHEN Hui - hong, JIN Min - ya <i>et al</i> (432) |
| Distribution and drug sensitivity of pathogenic bacteria in urinary tract infection .....                                             | HE Yan, GAO Ting, WANG Lan (434)                                |
| Analysis on the resistance and genotyping of aminoglycoside modifying enzymes in <i>Escherichia coli</i> from old patients .....      | YANG Ping (437)                                                 |
| Fibrinogen, D - dimer and the significance of Platelet indices testing in patients with fractures in the emergency department .....   | WU Rong - hui, ZHU Qiu - ping (439)                             |
| The risk of HEV infection in patients with AIDS .....                                                                                 | YAN Yan, LI Zhuo, NIU Jing - qin <i>et al</i> (442)             |
| Analysis hepatitis B virus serological markers of 10738 high school student .....                                                     | CHEN Xue - fang, XU Wen - fang (444)                            |

|                                                                                                                                 |                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| Analysis of drug resistance and characteristic of clinical distribution to 331 strains of acinetobacte .....                    | YAN Shuang - hong, CHEN Xiao - nan, WU Xiao - li <i>et al</i> (446) |
| The effect of CRP on dynamic monitoring nosocomial infection in preterm newborns .....                                          | MA Xue - lian, HUANG Jing (448)                                     |
| SP - A, TNF - $\alpha$ , IL - 6, IL - 8 in bronchial asthma in the detection and analysis .....                                 | FAN De - li, ZHAO Yi, LI Wei (450)                                  |
| The automatic biochemical analyzer reagents with pollution that disturb the test of magnesium .....                             | TAN Xiao - xia, CHEN Peng - long, LAN Wei - wei (452)               |
| Detection and Assay of KPC carbapenemase in isolates of carbapenem - resistant <i>Klebsiella pneumoniae</i> .....               | YE Zhi - ying, LU Huo - xiang, HU Qing - feng <i>et al</i> (454)    |
| Epidemiology of <i>Mycoplasma pneumoniae</i> among children with acute lower respiratory tract infection in Lishui Region ..... | LIU Wu - gao, DING You - fa, WANG Yan (456)                         |

## Monitoring Report

|                                                                                                                                                                               |                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| The study on Influence of Longnan lead - zinc mining environment on the safety of tea product .....                                                                           | ZHOU Jing, NIE Rong, HOU Yan - dong (458)                              |
| Yanshi 2010 drinking water quality monitoring results .....                                                                                                                   | ZHANG Xiang - hong, ZHANG Kai - zhan, LI Ya - qiong <i>et al</i> (462) |
| Surveillance on <i>Vibrio Cholera</i> isolated from water and aquatic products in Guangxi, 2006 - 2009 .....                                                                  | QUAN Yi, FANG Jin - song, ZHOU Ling - yun <i>et al</i> (464)           |
| A brief analysis for the detection results of rural drinking water quality in Laiwu during the year 2009 .....                                                                | TANG Jing - lei, QI Na, WANG Xue - feng (466)                          |
| Analysis of the five Hepatitis B - test and alanine aminotransferase (ALT) levels among personnel of food industry and public place in Xinshao county from 2006 to 2009 ..... | YUE You - hong (468)                                                   |
| Analysis and evaluation of present situation of occupation disease harm in a coal power plant .....                                                                           | JIANG Cai - xia, YANG Zhang - ping, ZHANG Xu - hui <i>et al</i> (470)  |
| Surveillance and major virulent genes analysis of <i>Vibrio parahaemolyticus</i> in retail seafood of Taizhou area .....                                                      | SHEN Wei - wei, QIU Dan - hong, XU jia <i>et al</i> (473)              |
| Analysis of the test results of laboratory of measles from 2005 to 2009 in YiChun .....                                                                                       | XIE Hai - zheng, HUANG Qiu - yan, ZHU Xiao - jing (476)                |
| Sanitary investigation and analysis of drinking water in Zhouqu county of Gansu province .....                                                                                | HE Jian (478)                                                          |
| Antimicrobial resistance in <i>Shigella</i> isolates from Children under six years of age with acute diarrhea in Puyang city, 2007 to 2009 .....                              | YAN Bing - xing, MA Wei - hong, SUN Ying - jun <i>et al</i> (480)      |
| Subject analysis of disinfection of medical institutions in Weifang city .....                                                                                                | GUAN Yi - tao, WANG Zhi - yu, XU Ai - qiang (482)                      |

## Investigation Report

|                                                                                                                                                                                                      |                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Urinary calcium survey for 3 ~ 6 years old preschool children .....                                                                                                                                  | WANG Qi, YUAN Mei, LI Duan <i>et al</i> (484)                             |
| Epidemiological study on metabolic syndrome prevalence and related risk factors of adults over 35 years old in Wenzhou .....                                                                         | SHAO Yong - qiang, ZHENG Jiang - yong, LIAO Xiao - wei <i>et al</i> (486) |
| An analysis of health monitoring result of the drinking water quality in the rural district of WuHan city in 2009 .....                                                                              | LIU Jun - ling, ZHANG Qi - sheng, LIU Zheng - dan (490)                   |
| The investigation of <i>Legionella</i> pollution with cooling tower water of air conditioning in Qingyuan City .....                                                                                 | HUANG Hui - xing, LI Gui - xia, WANG Ping - yuan <i>et al</i> (493)       |
| Study on the population carriage of <i>Streptococcus pneumoniae</i> , <i>Haemophilus influenzae</i> and <i>Moraxella catarrhalis</i> in children at the age of 12 ~ 18 months in Dongguan city ..... | ZHANG Li - ping, LI He - yang, YUAN Da - kang <i>et al</i> (496)          |
| Research report on 2407 cases 7 ~ 12 month children Hepatitis B antibody titer .....                                                                                                                 | LIU Yao - zhen, CHEN Jian - lin, TANG Zhao - wu <i>et al</i> (499)        |
| Study on homology of <i>Vibrio parahaemolyticus</i> isolated from the food poisoning in Yuhang .....                                                                                                 | LI Ming - qiang, WANG Hao - qiu, ZHENG Wei <i>et al</i> (502)             |
| Sanitary investigation and analysis of drinking water in wenchang area of hainan province form 2008 to 2009 .....                                                                                    | KUANG Zheng - wen (505)                                                   |