

中文核心期刊——临床医学/特种医学类核心期刊
中国科技核心期刊(中国科技论文统计源期刊)
RCCSE中国核心学术期刊
中国科学引文数据库收录源期刊
美国MEDLINE/Index Medicus, EBSCO和《CA》收录源期刊
WHO西太平洋区医学索引(WPRIM)收录源期刊
中国精品科技期刊

ISSN 1009-2137
CN 11-4423/R

中国实验血液学杂志

ZHONGGUO SHIYAN XUEYEXUE ZAZHI

2012年10月 第20卷 第5期

JOURNAL OF EXPERIMENTAL HEMATOLOGY

Volume 20
Number 5
October 2012

中国病理生理学会
CHINESE
ASSOCIATION OF
PATHOPHYSIOLOGY

ISSN 1009-2137



9 771009 213128

目 次

论著

白血病基础与临床

- 1047 *SET-NUP214* 融合基因在急性 T 淋巴细胞白血病患者中的表达及临床意义
戴海萍, 王谦, 吴丽丽, 平娜娜, 吴春晓, 解珺丹, 潘金兰, 薛永权, 吴德沛, 陈苏宁
- 1052 c-MPL 在急性髓系白血病患者白血病干细胞中的表达
于沛, 邱少伟, 饶青, 林冬, 邢海燕, 唐克晶, 田征, 王敏, 王建祥
- 1056 miR-20a 海绵载体构建及在白血病细胞株 Jurkat 中的表达
吴顺泉, 徐珍珍, 林君, 战榕
- 1063 骨髓 DNA 甲基转移酶基因在急性髓系白血病患者的表达及意义
吴圣豪, 郑翠苹, 徐杰, 蔡小平, 石岳坚

抗白血病基础与临床

- 1066 黄芩苷对高致瘤 HL-60 细胞裸鼠移植瘤模型的体内抑瘤作用和机制探讨
郑静, 胡建达, 黄毅, 陈英玉, 李静, 陈步远
- 1072 mPGES-1 抑制剂 MK886 对白血病 HL-60 细胞周期的影响
李益清, 尹松梅, 谢双锋, 王秀菊, 马丽萍, 聂大年, 吴裕丹
- 1077 急性髓系白血病 *CBFB-MYH11* 融合基因检测新方法的建立和应用
陈超, 李志鹏, 鹿全意, 刘志明
- 1082 黄芩提取化合物单体 SBX 抗白血病效应及机制研究
刘晓亮, 赵欣, 谭业辉, 高素君, 王冠军, 李薇
- 1086 环氧化酶-2 抑制剂塞来昔布对急性白血病细胞 VEGF、b-FGF 和 TGF-β mRNA 表达的影响
张彦芳, 阮林海, 赵小强
- 1090 慢病毒介导 shRNA 稳定干扰 *P210^{bcr/abl}* 基因表达的体内外研究
朱玉峰, 王元占, 孟凡义
- 1095 荧光原位杂交技术在慢性淋巴细胞白血病检测中的应用评估
吴蔚, 顾健, 马莉, 王红, 倪军, 吉薇, 沈连军
- 1099 荧光原位杂交技术在儿童急性髓系白血病诊断中的作用
王雅琴, 周剑峰, 阮敏, 衣晓丽, 安文彬, 杨文钰, 郭晔, 张丽, 刘天峰, 竦晓凡
- 1103 儿童 T-ALL 微小残留病的表现特点和两套四色荧光抗体组合的流式细胞术监测方法的探索
李莉, 袁晓军, 徐翀, 蒋黎敏, 沈立松
- 1110 *MLL* 基因重排在成人急性白血病中的检测和临床特征研究
柳萍, 张闫, 葛峥, 林忠琨, 刘娟, 钱思轩, 张苏江, 陆化, 吴汉新, 仇红霞, 刘澎, 徐卫, 陈丽娟, 陆超, 陆彬彬, 乔纯, 仇海荣, 朱广荣, 张建富, 吴雨洁, 李建勇

淋巴瘤与多发性骨髓瘤

- 1117 利妥昔单克隆抗体联合 CIK 治疗高龄眼眶弥漫大 B 细胞性淋巴瘤
李素霞,朱宏丽,郭搏,卢学春,范辉,林洁,杨波,刘洋,杨洋,冉海红,翟冰,韩卫东,王瑶,姚善谦
- 1122 组蛋白去乙酰化酶抑制剂 LBH589 对多发性骨髓瘤细胞 MM1R 的抑制作用
张灵,马艳萍,贾谷,鹿育晋,张丽,吕红,常明星
- 1127 多发性骨髓瘤患者骨髓单个核细胞与 U266 细胞中 *ICSBP/IRF8* 基因表达沉默的初步研究
贾谷,马艳萍,张灵,鹿育晋,吕红,常明星,张华屏
- 1131 多发性骨髓瘤患者骨髓中 BAFF 的含量及 B 细胞表面 BAFF 受体表达的研究
周振海,张玲,潘倩影,黄蓓辉,郑冬,刘俊茹,李娟,罗绍凯
- 1135 双磷酸盐联合化疗对多发性骨髓瘤患者骨密度的影响
张曦,常春康,张征,赵佑山,肖超,李晓

骨髓增生/增殖性疾病

- 1139 +8 伴 JAK2 突变的骨髓增生异常/骨髓增殖性疾病不能分类 1 例
刘鲲,阴常欣,陈学东,周雪云,郭坤元
- 1144 骨髓增生异常综合征患者血浆 DNA 中 *FHIT* 基因启动子区甲基化状态及地西他滨的去甲基化作用
邓银芬,张磊,张秀群,胡明秋,戴丹,张学忠,徐燕丽

血小板疾病与贫血症

- 1149 原发性免疫性血小板减少症患者外周血细胞 mRNA 差异表达分析
沈卫章,任立参,金立方,崔红花,李小丰,赵岩,李景贺,王秀丽,徐文
- 1154 Th17 细胞及白介素 17 在原发性免疫性血小板减少症中的表达和临床意义
段晓娟,杨林花,张丽,任方刚,张睿娟,陈剑芳,秦秀玉,梁弘正
- 1158 获得性再生障碍性贫血患者外周血单个核细胞 *TRF1*、*TRF2*、*RAP1* mRNA 表达研究
王琰,徐瑞荣,周延峰,刘朝霞

造血干细胞移植

- 1162 混合造血干细胞移植联合过继免疫治疗对急性髓系白血病的疗效
王存邦,白海,葱瑞,潘耀柱,张茜,周进茂,吴涛,徐淑芬
- 1167 慢性移植物抗宿主病患者外周血 NK 细胞、NKT 细胞的检测及意义
周茂华,王春苗,龚彩平,罗盈,张敏
- 1171 同种反应性自然杀伤细胞对小鼠单倍体相合骨髓移植后免疫重建的影响
王华,王慧,刘英慧,冯四洲,韩明哲

造血干/祖细胞生物学

- 1176 不同氧浓度培养对小鼠骨髓造血干细胞生物活性的影响
马怡然,任思婳,和予馨,王林林,金丽,郝一文
- 1183 人胎盘绒毛组织悬液支持脐血 CD34⁺ 细胞体外扩增的作用
马坤,姚慧,张敏,郭晶晶,程琳,李嘉惠,刘志杰

间充质干细胞/基质细胞生物学

- 1187 向成骨细胞和成脂肪细胞分化的小鼠骨间充质干细胞调节单核细胞来源的破骨细胞发育
朱恒,刘元林,陈继德,李红,刘雨潇,徐芬芬,江小霞,张毅,毛宁
- 1191 地塞米松损害间充质干细胞的免疫抑制功能
王汉裕,高伟,刘拥军,庞天翔

- 1195 干扰素 γ 对人脐带间充质基质细胞黏附分子表达的影响
乔瑞云,白海,王存邦,欧剑峰,张海英,赵强

分子血液学与免疫血液学

- 1200 vWF 基因 A1381T 和 -1793G/C 多态性对中国裕固、藏及汉族人血浆 vWF 水平的影响
傅玉,朱平,卜定方,张英,王明英,龚艺文,白德成
- 1205 $ICAM-1$ 基因 K469E,K56M 多态性对中国裕固族、藏族和汉族人血浆 ICAM-1 水平的影响
王明英,白德成,朱平,傅玉,卜定方,张英
- 1212 模拟微重力环境下虫草多糖促进淋巴细胞增殖和 CD 分子表达的实验研究
郝彤,李俊杰,杜芝燕,段翠密,王滟漫,王常勇,宋锦革,
王林杰,李莹辉,王妍

粒细胞疾病

- 1216 嗜酸性粒细胞增多患者的细胞遗传学和分子生物学特征的研究
曲士强,艾小菲,李承文,李庆华,徐泽锋,
秦铁军,张锐,肖志坚
- 1221 先天性中性粒细胞减少症的诊治
乔曼,薛胜利,邹晶莹,戴兰,刘慧文,陈艳,孙爱宁,吴德沛

血液病真菌感染

- 1225 定量 PCR 检测在恶性血液病患者合并侵袭性真菌感染早期诊断中的意义
刘淑娟,王欣,王相华,周海,袁代,姜华

输血医学

- 1231 新型 α -半乳糖苷酶清除动物红细胞表面 α Gal 抗原的研究
高红伟,张雪,李素波,檀英霞,鲍国强,王颖丽,徐丽娟,季守平,宫锋
- 1235 中国南京地区汉族人群血小板 HPA-1 - 18 遗传多态性研究
薛敏,刘衍春,魏鹏
- 1240 孕期血像的变化与产后输血的相关性研究
李卉,陈麟凤,王淑英,王彦,师红梅,汪德清
- 1243 ABO 血型系统中 1 种新 A2 等位基因的发现及在中国福建地区汉族人群中 A2 亚型调查
张爱,池泉,任本春

综述

- 1246 骨髓增生异常综合征造血微环境若干问题研究进展
费成明,常春康
- 1251 检测骨髓异常浆细胞有助于诊断原发性系统性轻链淀粉样变性
胡旸,朱平
- 1256 $CEBPA$ 基因突变和表达异常在急性髓系白血病中的作用研究
王丽朦朦,肖浩文,黄河
- 1261 多发性骨髓瘤髓外复发研究进展
汪娟,傅琤琤
- 1267 阵发性睡眠性血红蛋白尿症诊治现状与展望
孙莺心,何广胜

- 1272 骨髓增生异常综合征小鼠模型研究进展
张耀, 常春康
- 1280 *ARID5B* 基因与儿童急性淋巴细胞白血病关联性的研究进展
钱锡峰, 杨国华, 殷辰俞, 陈湘, 沈云峰
- 1284 活性氧与组织器官纤维化
孟娟霞, 赵明峰
- 1289 成人 Burkitt 淋巴瘤治疗进展
李丽, 陈宝安

读者·作者·编者

- 扉 2 《中国实验血液学杂志》荣获多家权威机构公布的“核心期刊”称号和文献数据库收录
- 扉 2 《中国实验血液学杂志》投稿简则
- 1076 《中国实验血液学杂志》关于基因和蛋白名称拼写暂行规定
- 1098 《中国实验血液学杂志》全文电子版查阅和下载方法
- 封三 《中国实验血液学杂志》第 7 届编辑委员会

JOURNAL OF EXPERIMENTAL HEMATOLOGY

(Established in April, 1993)

Bimonthly Volume 20 Number 5

October, 2012

Contents

ORIGINAL ARTICLES

Leukemia Basis and Clinic

- 1047 Expression of *SET-NUP214* Fusion Gene in Patients with T-cell Acute Lymphoblastic Leukemia and Its Clinical Significance
DAI Hai-Ping, WANG Qian, WU Li-Li, PING Na-Na, WU Chun-Xiao, XIE Jun-Dan, PAN Jin-Lan, XUE Yong-Quan, WU De-Pei, CHEN Su-Ning
- 1052 Expression of c-MPL in Leukemic Stem Cells from Acute Myeloid Leukemia Patients
YU Pei, QIU Shao-Wei, RAO Qing, LIN Dong, XING Hai-Yan, TANG Ke-Jing, TIAN Zheng, WANG Min, WANG Jian-Xiang
- 1056 Construction of miRNA Sponge Targeting miR-20a and Stable Expression in Jurkat Leukemia Cell Line
WU Shun-Quan, XU Zhen-Zhen, LIN Jun, ZHAN Rong
- 1063 Expression of DNMT Gene in Bone Marrow of Patients with Acute Myelogenous Leukemia and Its Significance
WU Sheng-Hao, ZHENG Cui-Ping, XU Jie, CAI Xiao-Ping, SHI Yue-Jian

Antileukemia Basis and Clinic

- 1066 Effects of Baicalin on HL-60 Cell Xenografts in Nude Mice and Its Mechanism
ZHENG Jing, HU Jian-Da, HUANG Yi, CHEN Ying-Yu, LI Jing, CHEN Bu-Yuan
- 1072 Effect of mPGES-1 Inhibitor MK886 on Cell Cycle of Leukemia HL-60 Cells
LI Yi-Qing, YIN Song-Mei, XIE Shuang-Feng, WANG Xiu-Ju, MA Li-Ping, NIE Da-Nian, WU Yu-Dan
- 1077 Establishment of A New Method for Screening of *CBFB-MYH11* Fusion Gene in Acute Myeloid Leukemia and Its Value in Clinical Use
CHEN Chao, LI Zhi-Peng, LU Quan-Yi, LIU Zhi-Ming
- 1082 Anti-Leukemic Effect of Skutellaria Extract SBX and Its Mechanisms
LIU Xiao-Liang, ZHAO Xin, TAN Ye-Hui, GAO Su-Jun, WANG Guan-Jun, LI Wei
- 1086 Effects of COX-2 Inhibitor Celecoxib on Expressions of VEGF, b-FGF and TGF- β mRNA in Acute Leukemia Cells
ZHANG Yan-Fang, RUAN Lin-Hai, ZHAO Xiao-Qiang
- 1090 Stable Interference on *P210^{bcr/abl}* Gene Expression by Lentiviral Vector-delivered shRNA *In Vitro* and *In Vivo*
ZHU Yu-Feng, WANG Yuan-Zhan, MENG Fan-Yi
- 1095 Evaluation of Fluorescence *in situ* Hybridization Value in Detection of Chronic Lymphocytic Leukemia
WU Wei, GU Jian, MA Li, WANG Hong, NI Jun, JI Wei, SHEN Lian-Jun
- 1099 Diagnostic Value of Fluorescence *in situ* Hybridization for Children with Acute Myeloid Leukemia
WANG Ya-Qin, ZHOU Jian-Feng, RUAN Min, YI Xiao-Li, AN Wen-Bin, YANG Wen-Yu, GUO Ye, ZHANG Li, LIU Tian-Feng, ZHU Xiao-Fan
- 1103 Characteristics and Monitoring of Minimal Residual Disease in Patients with T Acute Lymphoid Leukemia by Flow Cytometry with Two 4-color Combinations of Fluorescent Antibodies
LI Li, YUAN Xiao-Jun, XU Chong, JIANG Li-Min, SHEN Li-Song
- 1110 Detection and Clinical Features of *MLL* Gene Rearrangement in Adult Patients with Acute Leukemia
LIU Ping, ZHANG Run, GE Zheng, LIN Zhong-Kun, LIU Juan, QIAN Si-Xuan, ZHANG Su-Jiang, LU Hua, WU Han-Xin, QIU Hong-Xia, LIU Peng, XU Wei, CHEN Li-Juan, LU Chao, LU Bin-Bin, QIAO Chun, QIU Hai-Rong, ZHU Guang-Rong, ZHANG Jian-Fu, WU Yu-Jie, LI Jian-Yong

Lymphoma and Multiple Myeloma

- 1117 Curative Efficiency of Rituximab Combined with Autologous Cytokine Induced Killer Cells on Aged Patient with Orbital Diffuse Large B Cell Lymphoma
Li Su-Xia, ZHU Hong-Li, GUO Bo, LU Xue-Chun, FAN Hui, LIN Jie, YANG Bo, LIU Yang, YANG Yang, RAN Hai-Hong, ZHAI Bing, HAN Wei-Dong, WANG Yao, YAO Shan-Qian
- 1122 Inhibitory Effect of Histone Deacetylase Inhibitor LBH589 on Multiple Myeloma MM1R Cells *In Vitro*
ZHANG Ling, MA Yan-Ping, JIA Gu, LU Yu-Jin, ZHANG Li, LIU Hong, CHANG Ming-Xing
- 1127 Silencing of ICSBP/IRF8 Expression in U226 Cells and Bone Marrow Mononuclear Cells from Patients with Multiple Myeloma
JIA Gu, MA Yan-Ping, ZHANG Ling, LU Yu-Jin, LU Hong, CHANG Ming-Xing, ZHANG Hua-Ping
- 1131 BAFF Level in Bone Marrow and Expression of BAFF Receptor on B Cells in Multiple Myeloma Patients
ZHOU Zhen-Hai, ZHANG Ling, PAN Qian-Ying, HUANG Bei-Hui, ZHENG Dong, LIU Jun-Ru, LI Juan, LUO Shao-Kai
- 1135 Influence of Bisphosphonate Combined with Chemotherapy on Bone Mineral Density of Patients with Multiple Myeloma
ZHANG Xi, CHANG Chun-Kang, ZHANG Zheng, ZHAO You-Shan, XIAO Chao, LI Xiao

Myelodysplastic/Myeloproliferative Disease

- 1139 A Case Report of Myelodysplastic/Myeloproliferative Disease Unclassifiable with Karyotype Aberration of Trisomy 8 and JAK2 Mutation
LIU Kun, YING Chang-Xin, CHEN Xue-Dong, ZHOU Xue-Yun, GUO Kun-Yuan
- 1144 Methylation of FHIT Gene Promoter Region in DNA from Plasma of Patients with Myelodysplastic Syndromes and Demethylating Effect of Decitabine
DENG Yin-Fen, ZHANG Lei, ZHANG Xiu-Qun, HU Ming-Qiu, DAI Dan, ZHANG Xue-Zhong, XU Yan-Li

Platelet Disease and Anemia

- 1149 Analysis of miRNA Differential Expression in Peripheral Blood Cells of Primary Immune Thrombocytopenia Patients
SHEN Wei-Zhang, REN Li-Shen, JIN Li-Fang, CUI Hong-Hua, LI Xiao-Feng, ZHAO Yan, LI Jing-He, WANG Xiu-Li, XU Wen
- 1154 Expressions of Th17 Cells and Interleukin 17 in Patients with Primary Immune Thrombocytopenia and Their Clinical Significance
DUAN Xiao-Juan, YANG Lin-Hua, ZHANG Li, REN Fang-Gang, ZHANG Rui-Juan, CHEN Jin-Fang, QIN Xiu-Yu, LIANG Hong-Zheng
- 1158 Expression of TRF1, TRF2 and RAPI mRNA in Peripheral Blood Mononuclear Cells of Patients with Acquired Aplastic Anemia
WANG Yan, XU Rui-Rong, ZHOU Yan-Feng, LIU Zhao-Xia

Hematopoietic Stem Cell Transplantation

- 1162 Efficacy of Adoptive Immunotherapy after Mixed Hematopoietic Stem Cell Transplantation on Acute Myeloid Leukemia
WANG Cun-Bang, BAI Hai, XI Rui, PAN Yao-Zhu, ZHANG Qian, ZHOU Jin-Mao, WU Tao, XU Shu-Fen
- 1167 Detection of NK and NKT Cells in Peripheral Blood of Patients with cGVHD and Its Significance
ZHOU Mao-Hua, WANG Chun-Miao, GONG Cai-Ping, LUO Yin, ZHANG Min
- 1171 Effect of Alloreactive Natural Killer Cells on Immune Reconstitution in Mouse Haploidentical Bone Marrow Transplantation
WANG Hua, WANG Hui, LIU Ying-Hui, FENG Si-Zhou, HAN Ming-Zhe

Hematopoietic Stem/Progenitor Cell Biology

- 1176 Effect of Different Oxygen Concentrations on Biological Properties of Bone Marrow Hematopoietic Stem Cells of Mice
MA Yi-Ran, REN Si-Hua, HE Yu-Xin, WANG Lin-Lin, JIN Li, HAO Yi-Wen

- 1183 **Effect of Human Placental Extract on Proliferation of Human Umbilical Cord Blood CD34⁺ Cells *In Vitro***
MA Kun, YAO Hui, ZHANG Min, GUO Jing-Jing, CHENG Lin, LI Jia-Hui, LIU Zhi-Jie

Mesenchymal Stem/Stromal Cells

- 1187 **Effect of Osteogenically and Adipogenically Differentiated Bone Mesenchymal Stem Cells from Mouse on Osteoclast Formation**
ZHU Heng, LIU Yuan-Lin, CHEN Ji-De, LI Hong, LIU Yu-Xiao, XU Fen-Fen, JIANG Xiao-Xia, ZHANG Yi, MAO Ning
- 1191 **Dexamethasone Impairs Immunosuppressive Ability of Mesenchymal Stem Cells**
WANG Han-Yu, CAO Wei, LIU Yong-Jun, PANG Tian-Xiang
- 1195 **Effects of Interferon- γ on Expression of Adhesion Molecules in Human Umbilical Cord Mesenchymal Stromal Cells**
QIAO Rui-Yun, BAI Hai, WANG Cun-Bang, OU Jian-Feng, ZHANG Hai-Ying, ZHAO Qiang

Molecular and Immunological Hematology

- 1200 **A1381T and -1793G/C Polymorphisms of vWF Gene Impact the Plasma vWF Levels in Yugur, Tibetan and Han Nationalities of China**
FU Yu, ZHU Ping, BU Ding-Fang, ZHANG Ying, WANG Ming-Ying, GONG Yi-Wen, BAI De-Cheng
- 1205 **Effects of ICAM-1 Gene K469E, K56M Polymorphisms on Plasma sICAM-1 Expression Levels in Chinese Yugur, Tibetan and Han Nationalities**
WANG Ming-Ying, BAI De-Cheng, ZHU Ping, FU Yu, BU Ding-Fang, ZHANG Ying
- 1212 **Cordyceps Sinensis Enhances Lymphocyte Proliferation and CD Markers Expression in Simulated Microgravity Environment**
HAO Tong, LI Jun-Jie, DU Zhi-Yan, DUAN Cui-Mi, WANG Yan-Meng, WANG Chang-Yong, SONG Jing-Ping, WANG Lin-Jie, LI Ying-Hui, WANG Yan

Granulocytopathy

- 1216 **Characteristics of Cytogenetics and Molecular Biology in Patients with Eosinophilia**
QU Shi-Qiang, AI Xiao-Fei, LI Cheng-Wen, LI Qing-Hua, XU Ze-Feng, QIN Tie-Jun, ZHANG Yue, XIAO Zhi-Jian
- 1221 **Diagnosis and Treatment Procedures of Congenital Neutropenia**
QIAO Man, XUE Sheng-Li, ZOU Jing-Ying, DAI Lan, LIU Hui-Wen, CHEN Yan, SUN Ai-Ning, WU De-Pei

Fungal Infection in Hematologic Malignancy

- 1225 **Quantitative PCR for Early Diagnosis of Invasive Fungal Infections in Patients with Hematologic Malignancies**
LIU Shu-Juan, WANG Xin, WANG Xiang-Hua, ZHOU Hai, YUAN Dai, JIANG Hua,

Transfusion Medicine

- 1231 **Removal of α Gal Xenotransplantation Antigen by a Novel α -Galactosidase**
GAO Hong-Wei, ZHANG Xue, LI Su-Bo, TAN Ying-Xia, BAO Guo-Qiang, WANG Ying-Li, XU Li-Juan, JI Shou-Ping, GONG Feng
- 1235 **Genetic Polymorphism of Human Platelet Antigens 1 – 18 in Chinese Nanjing Han Population**
XUE Min, LIU Yan-Chun, WEI Peng
- 1240 **Correlation of Hemogram Changes During Pregnancy of Healthy Women with Postpartum Blood Transfusion**
LI Hui, Chen Lin-Feng, WANG Shu-Ying, Wang Yan, Shi Hong-Mei, Wang De-Qing
- 1243 **Discovery of A Novel A2 Allel in ABO Blood Group System and Investigation of Its Distribution in Han Population of Chinese Fujian Province**
ZHANG Ai, CHI Quan, REN Ben-Chun

REVIEWS

- 1246 **Research Advances of Hematopoietic Microenvironment for Myelodysplastic Syndromes——Reviews**
FEI Cheng-Ming, CHANG Chun-Kang

- 1251 **Detection of Abnormal Plasma Cells in Bone Marrow Contributes to the Diagnosis of Primary Systemic Light Chain Amyloidosis** ——*Review*
HU Yong , ZHU Ping
- 1256 **Roles of CEBPA Mutation and Expression Abnormality in Acute Myeloid Leukemia** ——*Review*
WANG Li-MengMeng , XIAO Hao-Wen , HUANG He
- 1261 **Research Advances of Extramedullary Relapse in Multiple Myeloma** ——*Review*
WANG Juan , FU Cheng-Cheng
- 1267 **Advancements in Diagnosis and Management of Paroxysmal Nocturnal Hemoglobinuria** ——*Review*
SUN Ying-Xin , HE Guang-Sheng
- 1272 **Research Progress in MDS Mouse Model** ——*Review*
ZHANG Yao , CHANG Chun-Kang
- 1280 **Research Advances on Correlation of ARID5B Gene with Childhood Acute Lymphoblastic Leukemia** ——*Review*
QIAN Xi-Feng , YANG Guo-Hua , YIN Chen-Yu , CHEN Xiang , SHEN Yun-Feng
- 1284 **Reactive Oxygen Species and Fibrosis in Tissues and Organs** ——*Review*
MENG Juan-Xia , ZHAO Ming-Feng
- 1289 **Therapeutics of Burkitt Lymphoma in Adults** ——*Review*
LI Li , CHEN Bao-An