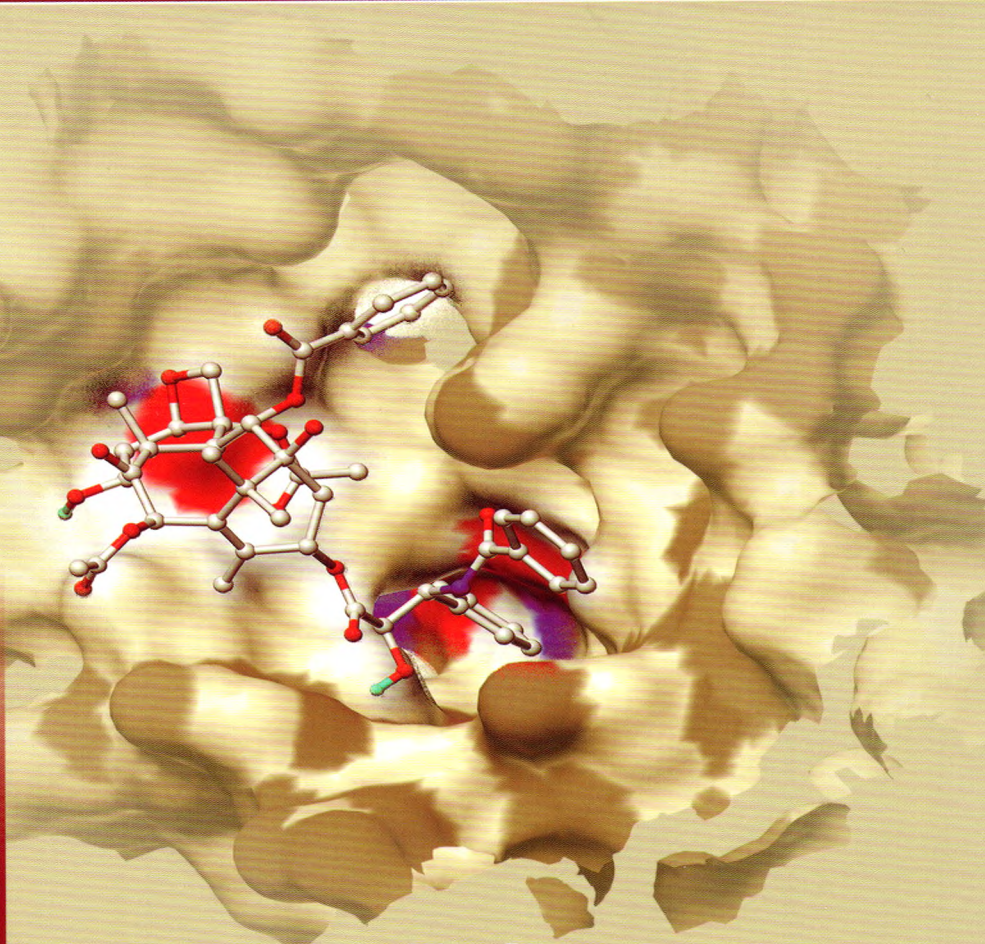




药 学 学 报

第52卷 第5期

2017 Vol. 52 No. 5



Acta Pharmaceutica Sinica

综述

曹南开, 姜勇等

靶向瞬时受体电位通道天然调节

剂的研究进展

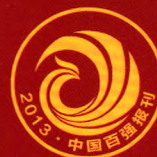
万方数据

研究论文

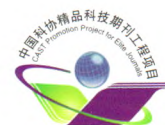
孟庆硕, 李亚平等

光敏感型盐酸多柔比星脂质体逆转

乳腺癌耐药



中国药学会
中国医学科学院药物研究所



PROFESSIONALS FORUM

- 659 Structure-based strategy for consistency evaluation of dosage forms
ZHANG JW, MENG FY, XIAO TQ

REVIEWS

- 667 Dynamic associations of mitochondria-endoplasmic reticulum in maintenance of pancreatic beta cell homeostasis
WANG Y, LIU SN, SHEN ZF
- 673 Natural modulators of transient receptor potential channels
CAO NK, LÜ HN, WEI NN, LI J, TU PF, WANG KW, JIANG Y
- 685 Research progress in the synthesis and bioactivity of stapled peptide
LI B, YANG XX, LI L
- 699 Progress of lymphoid-specific tyrosine phosphatase inhibitors
ZHU PJ, HOU XB, FANG H
- 706 Advance in the regulation of energy metabolism by peripheral serotonin
ZHAO Y, SHAO H, ZHANG XL, YU F
- 713 Research progress of environment-responsive delivery system in the application of co-delivery gene and drug
FAN D, YU JM, HUANG H, JIN Y

ORIGINAL ARTICLES

Pharmacology

- 722 Establishment of *in-vitro* model of complement activation and its application
FENG CX, XIU X, TIAN W, WANG YL, WANG HY, WANG YJ
- 729 Lipopolysaccharide potentiates dopaminergic neuronal dysfunction in α -synuclein transgenic mice
ZHENG YP, ZANG CX, WANG L, YANG HY, SUN H, BAO XQ, ZHANG D
- 737 Methodological research for the promoting effect of *Dendrobium moniliforme* on macrophage phagocytosis based on high-content screening
ZHOU X, ZHANG HZ, ZHOU HY, WANG JB, XIAO XH, ZHAO RH, BAI ZF
- 745 Network pharmacology study of the effective constituents in the Compound Yizhihao against influenza disease
XU LJ, JIANG W, PANG XC, KANG D, XIONG WD, LIU R, XING JG, LIU AL, DU GH

- 753 The metabolic profile of serum fatty acids in rats with *Rhizoma Dioscoreae Bulbiferae*-induced liver injury
XIONG YH, XU Y, YANG L, WANG ZT
- 760 Associations of *VDR* polymorphisms with tacrolimus concentrations in Chinese renal transplant recipients
QIN L, LI JL, LIU XM, CHEN XT, LIU S, LIU LS, WANG CX, HUANG M

Medicinal Chemistry

- 766 A serial of Mannich bases with anti-leukemia activity
FENG JZ, LIU HP, FAN L, HUANG M, YANG DC
- 773 Synthesis of benzimidazole and benzothiazole derivatives as a sirtuins 2 inhibitor
ZHOU YM, CUI HQ, YU XM, ZHANG SQ, PENG T, WANG G, WEN XX, SUN YB, LIU SC, WANG L
- 779 A new neolignan from the fruits of *Arctium lappa* L.
YANG YN, HUANG XY, WANG W, DU N, ZHANG JH, FENG ZM, JIANG JS, ZHANG PC

Pharmaceutical Analysis

- 785 Multi-index integrated evaluation of spectrum-effect relationship on immunocompetence of *Radix Astragali*
HONG Y, LIU XH, CHEN YL, WANG B, CHEN Y, SHI ZQ, XUE ZY, FENG SL
- 790 Comparative study of duloxetine pharmacokinetics in normal and diabetic rats
NIU GH, ZHANG QY, WANG MM, YU YL, ZHU YF

Pharmaceutics

- 795 Characterization of taste-masking dry emulsion of azithromycin by *in vitro* and *in vivo* evaluation
HUANG R, WANG T, YANG X, QUAN DQ, WANG Y
- 802 Development of novel cell-penetrating peptide [Cys-CPT^{2,9}] penetratin with high translocation ability and antitumor activity
LI L, ZHANG Y, NI JM
- 809 Photo-sensitive liposomes loading doxorubicin hydrochloride reverse drug resistance of breast cancer
MENG QS, ZHANG PC, YIN Q, ZHANG ZW, YU HJ, LI YP

Pharmacognosy

- 821 Cloning and expression analysis of *C4H* gene from *Lepidium apetalum*
ZHAO L, MA LG, YANG ZA, FENG WS, ZHENG XK

Abstracted / indexed in *Chemical Abstracts (CA)*, *Index Medicus (IM, Medline)*, *SciFinder Scholar*, *Elsevier Scopus*, *Abstract Journal (AJ)*, *Biological Abstracts (BA)*, *Centre for Agriculture and Bioscience International (CABI)*, *Current Bibliography on Science and Technology (CBST)*, *Excerpta Medica (EM)*, *Index Copernicus (IC)*, *International Pharmaceutical Abstracts (IPA)*, *Cambridge Scientific Abstracts (CSA)*, *TOXCENTER*, *Ulrich's International Periodicals Directory*, *Chinese Pharmaceutical Abstracts (CPA)*, *Abstracts of Chinese Medicine (ACME)*, etc.

ISSN 0513-4870



9 770513 487179

药 学 学 报

第 52 卷 第 5 期 2017 年 5 月

专家论坛

从结构出发的制剂一致性研究策略 张继稳, 孟凡月, 肖体乔 (659)

综 述

线粒体-内质网动态关联与胰岛 β 细胞功能稳态 王 悦, 刘率男, 申竹芳 (667)

靶向瞬时受体电位通道天然调节剂的研究进展 曹南开, 吕海宁, 卫宁宁, 李 军, 屠鹏飞, 王克威, 姜 勇 (673)

订书肽的合成与活性研究进展 李 博, 杨潇骁, 李 莉 (685)

淋巴特异性酪氨酸磷酸酶抑制剂的研究进展 朱鹏举, 侯旭奔, 方 浩 (699)

外周 5-羟色胺调控能量代谢的研究进展 赵 奕, 邵 华, 张学丽, 于 锋 (706)

环境响应性递释系统在基因与药物共传递应用中的研究进展 樊 敦, 余敬谋, 黄 皓, 金 一 (713)

研究论文

药理学

补体活化的体外评价模型建立及应用 冯彩霞, 修 宪, 田 伟, 王瑜玲, 王红叶, 王雅鹃 (722)

脂多糖加重 α -synuclein 基因突变小鼠多巴胺能神经元损伤机制的研究
..... 郑远鹏, 臧彩霞, 王 璐, 杨瀚宇, 孙 华, 鲍秀琦, 张 丹 (729)

基于高内涵筛选的铜皮石斛促进巨噬细胞吞噬作用评价方法的建立
..... 周 旋, 张海珠, 周海燕, 王伽伯, 肖小河, 赵润怀, 柏兆方 (737)

复方一枝蒿抗流感有效成分的网络药理学研究
..... 许律捷, 姜 雯, 庞晓丛, 康 德, 熊婉迪, 刘 睿, 邢建国, 刘艾林, 杜冠华 (745)

黄药子诱导肝损伤大鼠血清脂肪酸的代谢轮廓 熊印华, 徐 英, 杨 莉, 王峰涛 (753)

VDR 基因多态性与肾移植患者他克莫司浓度相关性的研究
..... 覃 利, 李嘉丽, 刘晓曼, 陈徐涛, 刘 澍, 刘龙山, 王长希, 黄 民 (760)

药物化学

具有抗白血病活性的曼尼希碱 冯计周, 刘红萍, 范 莉, 黄 敏, 杨大成 (766)

苯并咪唑和苯并噻唑类衍生物的合成及其 sirtuins 抑制活性评价
..... 周玉美, 崔华清, 俞晓明, 张首国, 彭 涛, 王 刚, 温晓雪, 孙云波, 刘曙晨, 王 林 (773)

牛蒡子中一个新木脂素类化合物 杨桢楠, 黄小英, 王 尉, 杜 宁, 张经华, 冯子明, 姜建双, 张培成 (779)

药物分析

多指标综合评价黄芪免疫活性的谱效相关性
..... 洪 妍, 刘小花, 陈亚丽, 王 波, 陈 宇, 师志强, 薛志远, 封士兰 (785)

度洛西汀在正常大鼠和糖尿病大鼠体内的药代动力学比较研究 牛广豪, 张全英, 王猛猛, 俞蕴莉, 朱艺芳 (790)

药剂学

阿奇霉素掩味干乳的表征及体内外评价 黄 日, 王 涛, 杨 茜, 全东琴, 王 阳 (795)

抗肿瘤活性的新型高效细胞穿膜肽 [Cys-CPT^{2.9}] penetratin 的设计及活性评价 李 莉, 张 云, 倪京满 (802)

光敏感型盐酸多柔比星脂质体逆转乳腺癌耐药 孟庆硕, 张鹏程, 尹 琦, 张志文, 于海军, 李亚平 (809)

生药学

独行菜 *C4H* 基因克隆与表达分析 赵 乐, 马利刚, 杨泽岸, 冯卫生, 郑晓珂 (821)

新药发现与研究实例简析

基于结构设计的蛋白酶抑制剂沙奎那韦、安普那韦和地瑞那韦 郭宗儒 (832)

信 息

(772) 《药学报》英文刊被 PMC 收录 (778) 扬子江药业集团创新发展纪实 (801) 正大天晴药业集团股份有限公司



PROFESSIONALS FORUM

- 659 Structure-based strategy for consistency evaluation of dosage forms
ZHANG JW, MENG FY, XIAO TQ

REVIEWS

- 667 Dynamic associations of mitochondria-endoplasmic reticulum in maintenance of pancreatic beta cell homeostasis
WANG Y, LIU SN, SHEN ZF
- 673 Natural modulators of transient receptor potential channels
CAO NK, LÜ HN, WEI NN, LI J, TU PF, WANG KW, JIANG Y
- 685 Research progress in the synthesis and bioactivity of stapled peptide
LI B, YANG XX, LI L
- 699 Progress of lymphoid-specific tyrosine phosphatase inhibitors
ZHU PJ, HOU XB, FANG H
- 706 Advance in the regulation of energy metabolism by peripheral serotonin
ZHAO Y, SHAO H, ZHANG XL, YU F
- 713 Research progress of environment-responsive delivery system in the application of co-delivery gene and drug
FAN D, YU JM, HUANG H, JIN Y

ORIGINAL ARTICLES

Pharmacology

- 722 Establishment of *in-vitro* model of complement activation and its application
FENG CX, XIU X, TIAN W, WANG YL, WANG HY, WANG YJ
- 729 Lipopolysaccharide potentiates dopaminergic neuronal dysfunction in α -synuclein transgenic mice
ZHENG YP, ZANG CX, WANG L, YANG HY, SUN H, BAO XQ, ZHANG D
- 737 Methodological research for the promoting effect of *Dendrobium moniliforme* on macrophage phagocytosis based on high-content screening
ZHOU X, ZHANG HZ, ZHOU HY, WANG JB, XIAO XH, ZHAO RH, BAI ZF
- 745 Network pharmacology study of the effective constituents in the Compound Yizhihao against influenza disease
XU LJ, JIANG W, PANG XC, KANG D, XIONG WD, LIU R, XING JG, LIU AL, DU GH

- 753 The metabolic profile of serum fatty acids in rats with *Rhizoma Dioscoreae Bulbiferae*-induced liver injury
XIONG YH, XU Y, YANG L, WANG ZT
- 760 Associations of *VDR* polymorphisms with tacrolimus concentrations in Chinese renal transplant recipients
QIN L, LI JL, LIU XM, CHEN XT, LIU S, LIU LS, WANG CX, HUANG M

Medicinal Chemistry

- 766 A serial of Mannich bases with anti-leukemia activity
FENG JZ, LIU HP, FAN L, HUANG M, YANG DC
- 773 Synthesis of benzimidazole and benzothiazole derivatives as a sirtuins 2 inhibitor
ZHOU YM, CUI HQ, YU XM, ZHANG SQ, PENG T, WANG G, WEN XX, SUN YB, LIU SC, WANG L
- 779 A new neolignan from the fruits of *Arctium lappa* L.
YANG YN, HUANG XY, WANG W, DU N, ZHANG JH, FENG ZM, JIANG JS, ZHANG PC

Pharmaceutical Analysis

- 785 Multi-index integrated evaluation of spectrum-effect relationship on immunocompetence of *Radix Astragali*
HONG Y, LIU XH, CHEN YL, WANG B, CHEN Y, SHI ZQ, XUE ZY, FENG SL
- 790 Comparative study of duloxetine pharmacokinetics in normal and diabetic rats
NIU GH, ZHANG QY, WANG MM, YU YL, ZHU YF

Pharmaceutics

- 795 Characterization of taste-masking dry emulsion of azithromycin by *in vitro* and *in vivo* evaluation
HUANG R, WANG T, YANG X, QUAN DQ, WANG Y
- 802 Development of novel cell-penetrating peptide [Cys-CPT^{2,9}] penetratin with high translocation ability and antitumor activity
LI L, ZHANG Y, NI JM
- 809 Photo-sensitive liposomes loading doxorubicin hydrochloride reverse drug resistance of breast cancer
MENG QS, ZHANG PC, YIN Q, ZHANG ZW, YU HJ, LI YP

Pharmacognosy

- 821 Cloning and expression analysis of *C4H* gene from *Lepidium apetalum*
ZHAO L, MA LG, YANG ZA, FENG WS, ZHENG XK

Abstracted / indexed in *Chemical Abstracts (CA)*, *Index Medicus (IM, Medline)*, *SciFinder Scholar*, *Elsevier Scopus*, *Abstract Journal (AJ)*, *Biological Abstracts (BA)*, *Centre for Agriculture and Bioscience International (CABI)*, *Current Bibliography on Science and Technology (CBST)*, *Excerpta Medica (EM)*, *Index Copernicus (IC)*, *International Pharmaceutical Abstracts (IPA)*, *Cambridge Scientific Abstracts (CSA)*, *TOXCENTER*, *Ulrich's International Periodicals Directory*, *Chinese Pharmaceutical Abstracts (CPA)*, *Abstracts of Chinese Medicine (ACME)*, etc.

ISSN 0513-4870



9 770513 487179