

中 国 海 洋 药 物

ZHONGGUO HAIYANG YAOWU

第 34 卷 第 2 期(总第 164 期) 2015 年 4 月

目 次

研究报告

- 中国南海海绵和珊瑚共附生真菌多样性及其抑菌活性研究 张丹,蒋群,李英新,等(1)
柳珊瑚共附生真菌 *Alternaria* sp. (WZL003) 抑菌化合物的分离及其
作用机制初步研究 王亚楠,郑彩娟,邵长伦,等(10)
角果木内生真菌 *Penicillium* sp. J54 代谢产物及活性研究 丘柳明,左文健,王辉,等(17)
缢蛏多糖的提取、分离和结构分析 栾晓红,赵峡,王清池(22)
红树林根泥真菌 *Aspergillus versicolor* sp. PJX-9 胞外多糖结构特征及
抗氧化活性研究 郭甜甜,于桂洪,郭涛,等(29)
皱纹盘鲍性腺多糖的提取及其体内免疫调节活性研究 王竹清,张凯,侯虎(34)
昆布多糖硫酸酯对 H₂O₂诱导乳鼠心肌细胞损伤的保护作用 韦淑娟,任志涛,杨信怡,等(39)
羊栖菜多糖对氧化应激人成纤维细胞的保护作用 王贞丽,陈雪红,韩彦弢,等(45)
低聚甘露糖醛酸对断奶仔猪的安全性评价 朱文慧,张丽英,李德发,等(51)
不同促渗剂对岩藻黄质水凝胶透皮贴剂体外释放度及透皮率的影响 庞遵霆,王伟,燕继永,等(57)

研究简报

- 1 株红树内生真菌 BY5 的鉴定及生物活性研究 纪仁飞,伍菱,杨秋明,等(63)
海绵 *Axinella verrucosa* 中溴吡咯生物碱的研究 高尚,李海花,王道亮,等(69)
河豚毒素小分子拮抗肽的设计与鉴定 郭建巍,王珍光,郝秀红,等(73)

综 述

- A-超家族芋螺毒素研究进展 孟海玲,屈静,庞静,等(77)
褐藻多糖生物活性的研究进展 李霞,刘玉凤,李艳伟,等(86)
补血草属植物化学成分提取工艺研究进展 于洪超,郭庆梅,周凤琴(91)

期刊基本参数:CN37-1155/R * 1982 * b * 16 * 94 * zh * P * ¥16.00 * 600 * 16 * 2015-4

本期责任编辑:于卫 英文编辑:徐雪莲

CHINESE JOURNAL OF MARINE DRUGS

Volume 34 Number 2 2015 April

CONTENTS

Original Articles

- Diversity and antibacterial activity of fungi associated with South China Sea sponges and corals ZHANG Dan, JIANG Qun, LI Ying-xin, et al(1)
Isolation of antibacterial macrosporin from gorgonian-derived fungus *Alternaria* sp. and preliminary study on its antimicrobial mechanism WANG Ya-nan, ZHENG Cai-juan, SHAO Chang-lun, et al(10)
Study on bioactive compounds from the endophytic fungus *Penicillium* sp. J54 of *Ceriops tagal* QIU Liu-ming, ZUO Wen-jian, WANG Hui, et al(17)
Extraction, separation and structural characterization of polysaccharides from *Sinonovacula Constricta* LUAN Xiao-hong, ZHAO Xia, WANG Qing-chi(22)
Structure and antioxidant activity of an exopolysaccharide from the mangrove soil fungus *Aspergillus versicolor* sp. PJX-9 GUO Tian-tian, YU Gui-hong, GUO Tao, et al(29)
Extraction of polysaccharides from *Haliotis discus hawaii* gonad and immunomodulating activity *in vivo* of polysaccharides WANG Zhu-qing, ZHANG Kai, HOU Hu, et al(34)
Protective effects of laminaria polysaccharide sulfate on cardiomyocytes of neonatal rats injured by hydrogen peroxide (H_2O_2) WEI Shu-juan, REN Zhi-tao, YANG Xin-yi, et al(39)
Protective effects and mechanisms of *Sargassum Fusiiforme* polysaccharide on human fibroblast after oxidative stress WANG Zhen-li, CHEN Xue-hong, HAN Yan-tao, et al(45)
Evaluation of the biological safety of polymannuronate for weaned piglets ZHU Wen-hui, ZHANG Li-ying, LI De-fa, et al(51)
Study on *in vitro* releasing rate and transdermal rate of fucoxanthin hydrogel patch PANG Zun-ting, WANG Wei, YAN Ji-yong, et al(57)

Research Notes

- Identification and biological activity study of mangrove endophytic fungus BY5 JI Ren-fei, WU Ling, YANG Qiu-ming, et al(63)
Study on bromopyrrole alkaloids from marine sponge *Axinella verrucosa* and their immunological activity *in vitro* GAO Shang, LI Hai-hua, WANG Dao-liang, et al(69)
Design and identification of antidote peptide against Tetrodotoxin GUO Jian-wei, WANG Zhen-guang, HAO Xiu-hong, et al(73)

Reviews

- Progress on A-superfamily conotoxins MENG Hai-ling, QU Jing, PANG Jing, et al(77)
Research advances in biological activity of brown algae polysaccharides LI Xia, LIU Yu-feng, LI Yan-wei, et al(86)
Research advances of the extraction methods of chemical components of *Limonium* Mill YU Hong-chao, GUO Qing-me, ZHOU Feng-qin(91)