

2012 The 27th Joint Annual Conference of Biomedical Sciences

第27屆

生物醫學聯合學術年會

大會議程

Programs

March 17-18, 2012

國防醫學院 (台北市民權東路6段161號)
No. 161, Sec 6, Min-Chuan East Road, Taipei

中華民國臨床生化學會
Chinese Association for Clinical Biochemistry

中華民國毒物學學會
Toxicology Society of Taiwan

中國生理學會
The Chinese Physiological Society

台灣藥理學會
The Pharmacological Society in Taiwan

中華民國解剖學學會
The Association of Anatomists of the Republic of China

台灣生物化學及分子生物學學會
The Taiwan Society for Biochemistry and Molecular Biology

中華民國細胞及分子生物學學會
The Chinese Society of Cell and Molecular Biology

P620

RhoA/ROK Contributes to Vascular Hyporeactivity in Endotoxaemic Rats

廖美惠^{1*}, 陳秀珍^{2,3}, 吳錦楨^{4#}

¹國防醫學院醫學科學研究所, ²國防醫學院生理學科, ³康寧醫護暨管理專科學校, ⁴國防醫學院藥理學科

P621

Eupafolin reduces COX-2 expression in LPS-treated human skin fibroblasts via MAPKs/AP-1 and ROS pathway

顏峰霖^{1*}, 紀妙青^{2,5}, 柯宏慧¹, 黎淑雲³, 李江文^{4,5#}

¹高雄醫學大學 香妝品系, ²長庚科技大學嘉義分部 呼吸照護系, ³大仁科技大學 藥學系, ⁴長庚科技大學嘉義分部 護理系, ⁵長庚科技大學嘉義分部 慢性疾病暨健康促進研究中心

P622

Delta-opioid receptor is involved in the central antinociceptive effect of high doses of oxycodone

楊寶寶^{1,2*}, 高嫻君¹, 陶寶綠^{1,3#}

¹國防醫學院 藥理學科, ²臺北醫學大學 醫學科學研究所, ³國家衛生研究院 群體健康科學研究所

P623

Anti-fibrotic Effect of Supercritical CO2 Extract from Cutted Wood Cultured Fruit Body of *Antrodia cinnamimea*

謝杰儒^{1*}, 吳金濱¹, 林文川[#]

¹中國醫藥大學藥物化學研究所, ²中國醫藥大學藥理學科

P624

Herba Dendrobii Increase Calcium Absorption and Suppress Bone Resorption in OVX Rats

王俊智^{1*}, 楊麗嬋², 林文川^{2#}

¹中國醫藥大學基礎醫學研究所, ²中國醫藥大學

P625

Effects of Hydralazine on Lipopolysaccharide-Induced Disseminated Intravascular Coagulation in Rats

蕭燦生^{1*}, 施志勤¹, 陳瑞鈴¹, 廖美惠², 李慧欣³, 陳秀珍^{4,5}, 吳錦楨^{1#}

¹國防醫學院藥理學科, ²國防醫學院醫學科學研究所, ³國防醫學院生命科學研究所, ⁴國防醫學院生理學科, ⁵康寧醫護暨管理專科學校

論文編號：P624

Drug Discovery

Herba Dendrobii Increase Calcium Absorption and Suppress Bone Resorption in OVX Rats

王俊智^{1*}, 楊麗嬋², 林文川^{2#}

¹中國醫藥大學基礎醫學研究所, ²中國醫藥大學

Jyun-Jhih Wang^{1*}, Li-Chan Yang², Wen-Chuan^{2#}

¹Graduate Institute of Basic Medical Science, China Medical University, Taichung, Taiwan, ²Department of Pharmacology, China Medical University, Taichung, Taiwan

The aim of this study was to evaluate the prebiotic effect of aqueous extracts of Herba Dendrobii (AHD) and its effect on osteoporosis in ovariectomized (OVX) rats. The OVX rats were randomly divided into five groups and orally treated with H₂O, AHD (300 and 900 mg/kg daily), and inulin (400 mg/kg daily) for 14 weeks. The sham-operated group was orally treated with H₂O. AHD treatment enhanced the number of fecal bifidobacteria in OVX rats. The results of a Ca-balance experiment showed that AHD increased apparent Ca absorption and retention. The OVX rats were killed after DT treatment lasting 14 weeks. The mineral content and density of bones, in addition to their biomechanical strength, in OVX rats were lower than those in the sham group, and these bone losses were prevented by AHD administration. These results suggest that AHD prevents bone loss due to ovarian hormone deficiency.

