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张小郁

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姓名: 张小郁

Name: Zhang Xiaoyu

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一、科研方向

- 1、采用规范的细胞和分子生物学/生理学技术进行有关生理、药理学方面的研究。
- 2、采用细胞信号转导、氧化胁迫以及细胞凋亡技术对心血管疾病、糖尿病以及肥胖等进行研究。

Research Interests:

- 1、 Work with a major responsibility of physiology and pharmacology using standard cellular and molecular biology/physiology techniques.
- 2、 Focus on cell signaling, oxidative stress, and apoptosis in a number of cardiovascular diseases, diabetes, and obesity.

二、荣誉称号及奖励:

- 1、 2004年甘肃省医疗卫生中青年学术技术带头人。
- 2、 《葡萄籽中原花青素对阿霉素增效减毒作用及机理研究》荣获2006年甘肃省自然科学二等奖(1/5), 甘肃省高校科技进步一等奖(1/8), 兰州大学优秀博士论文。
- 3、 2007年荣获兰州大学首届“隆基中青年教师教学骨干奖”, 获得国家留学基金委资助作为访问学者去美国进行科学研究一年, 提高科研水平。

honors and awards:

- 1、 I won the Discipline Leader on Young and Middle-aged Science and Technology of Public Health Department of Gansu.
- 2、 2006 Mechanisms of Proanthocyanidin from Grape Seeds in both Potentiating Anti-tumor Activity and Reducing Toxicity of Doxorubicin obtained the second prize of Gansu Provincial Natural Science, the first prize of scientific and technology progress in Gansu Provincial advanced colleges and was entitled as the Excellence Doctor Paper in Lanzhou University. (first author).
- 3、 2007 I won the prize of the Longji Excellence Teacher in Lanzhou University. At the same time, I

got through the academic selection。 process organized by China Scholarship Council (CSC) and was granted the funds to study abroad for a year。

三、个人简历

- 1、1983年9月至1998年7月 在原兰州医学院临床医学系攻读本科。
- 2、1996年9月至1999年7月 在原兰州医学院药理学攻读硕士。
- 3、2002年9月至2005年6月 在兰大生命科学学院动物生理学攻读博士。

工作经历

- 1、1998年9月至1996年7月 在兰拖厂医院任主治医师。
- 2、1999年7月至2000年6月 在原兰州医学院生理学教研室任助教。
- 3、2000年7月至2002年6月 在原兰州医学院生理学教研室任讲师。
- 4、2002年7月至2004年11月 在原兰州医学院生理学教研室任副教授。
- 5、2004年11月至2008年5月 在兰州大学基础医学院生理学研究所任副教授。
- 6、2008年5月---至今 在兰州大学基础医学院生理学研究所任教授。
- 7、2008年12月至2009年12月 在美国怀俄明大学做访问学者。

Resume

1 Sept. 2002--- June 2005 Ph.D. in Physiology, the Life Science School of Lanzhou University, Lanzhou 730000, Gansu, P.R.China.

2 Sept. 1996--- June 1999 M.S. in Pharmacology, the Department of Pharmacology of Lanzhou Medical College, Lanzhou 730000, Gansu, P.R.China.

3 Sept. 1983---July 1988 B.S. in Clinical Medicine, the Department of Clinical Medicine of Lanzhou Medical College, Lanzhou 730000, Gansu, P.R.China.

Working Experiences

1、 Dec. 2008--- Dec. 2008 visiting scholar in University of Wyoming, USA

2 May 2008---Now Professor, Institute of Physiology, School of Basic Medicine Science, Lanzhou University, Lanzhou 730000, Gansu, P.R.China

3 Nov. 2004--- May 2008 Associate Professor, Institute of Physiology, School of Basic Medicine Science, Lanzhou University, Lanzhou 730000, Gansu, P.R.China

4 July 2002--- Nov. 2004 Associate Professor, Department of Physiology, Lanzhou Medical College, Lanzhou 730000, Gansu, P.R.China

5 Oct. 2000---July 2002 Lecturer, Department of Physiology, Lanzhou Medical College, Lanzhou 730000, Gansu, P.R.China

6 July 1999---Oct. 2000 Assistant Department of Physiology, Lanzhou Medical College, Lanzhou 730000, Gansu, P.R.China

7 Sept. 1988--- July 1996 Attending physician, Hospital of Lanzhou Tractor Factory, Lanzhou 730050, Gansu, P.R.China

四、发表论文

1. XiaoYu ZHANG, WenGuang LI, YongJie WU, TianZhen ZHENG, Wei LI, SongYi QU and NaiFa LIU. Proanthocyanidin from grape seeds potentiates anti-tumor activity of doxorubicin via immunomodulatory mechanism. *Int. Immunopharmacol.* 2005; 5(7-8): 1247-1257. (SCI)

2. XiaoYu ZHANG, WenGuang LI, YongJie WU, DeCheng BAI, and NaiFa LIU. Proanthocyanidin from grape seeds enhances doxorubicin-induced anti-tumor effect and reverses drug resistance in doxorubicin-resistant K562/DOX cells. *Can. J. Physiol. Pharmacol.* 2005; 83(3): 309-318. (SCI)

3. XiaoYu ZHANG, WenGuang LI, YongJie WU and MingTang GAO. Amelioration of doxorubicin-induced myocardial oxidative stress and immunosuppression by grape seed proanthocyanidins in tumor-bearing mice. *J. Pharmacy Pharmacol.* 2005; 57(8): 1043-1052. (SCI)

4. Xiaoyu ZHANG, Decheng BAI, Yongjie WU, Wenguang LI and Naifa LIU. Proanthocyanidin from grape seeds enhances anti-tumor effect of doxorubicin both *in vitro* and *in vivo*. *Pharmazie.* 2005; 60(7): 533-538. (SCI)

5. XiaoYu ZHANG, WenGuang LI, YongJie WU and Xuan TIAN. Antioxidative and antitumor activity of spin labeled derivatives of 4- β -amino-4'-demethylepipodophyllotoxin and their structure-activity relationship. *Pharmazie*. 2007; 62(6): 432–438. (SCI)
6. WenGuang LI, XiaoYu ZHANG, YongJie WU, MingTang GAO and Rongliang ZHENG.. The relationship between structure and antioxidative activity of piperidine nitroxides. *J. Pharm. Pharmacol.* 2006; 58(7): 941–949. (SCI)
7. LI Wenguang, ZHANG XiaoYu, WU YongJie and TIAN Xuan. Antioxidative activity of spin labelled derivatives of podophyllilic acid hydrazide. *Acta Pharmacol. Sin.* 2002; 23(8): 727–732. (SCI)
8. LI Wenguang, ZHANG XiaoYu, WU YongJie and TIAN Xuan. Anti-inflammatory effect and mechanism of proanthocyanidins from grape seeds. *Acta Pharmacol. Sin.* 2001; 22(12): 1117-1120. (SCI)
9. ZHANG XiaoYu, ZHENG TianZhen and PANG JinJiang. Effects of progesterone on contractile activity of trachea smooth muscle in rabbits. *Chin J Appl Physiol.* 2003; 19(4): 388, 401.
10. ZHANG XiaoYu, LI WenGuang, ZHENG TianZhen and LI Wei. Effects of proanthocyanidins on contractile activity of aortic smooth muscle and platelet aggregation in experimental animals. *Chin J Appl Physiol.* 2005; 21(4): 383-386.
11. ZHANG XiaoYu, LI WenGuang, GAO MingTang and TIAN Xuan. Protectective effect on injured myocardial cells of proanthocyanidins *in vitro*. *Pharmacol Clin Chin Materia Med.* 2001; 17(6): 14-16
12. ZHANG XiaoYu, GAO MingTang, LI WenGuang, TIAN Xuan and ZHU JuHua. The anti-lipoperoxidative effect of grape seed extract *in vitro*. *Advanced in Free Radical Life Sciences.* 1999; 7: 116-120.
13. ZHANG XiaoYu, ZHANG YongPing and LI WenGuang. Anti-tumor activity of lanthanum nitrate Complexes with bis(2-pyridyl-N-Oxide)disulphide *in vitro*. *J Lanzhou University (Natural Sci).* 2004; 40Supp: 34–36.
14. ZHANG XiaoYu, LI WenGuang, WU YongJie and GAO MingTang. CHL chromosome aberration test of proanthocyanidins from grape seeds. *J Lanzhou University (Natural Sci).* 2002; 38(6) Supp: 15-17.
15. Xiaoyu Zhang, Jingying Wang, Wenguang Li, Ji Li. Natural Antioxidant-Isoliquiritigenin Protects Heart against Ischemia-Reperfusion Injury via Activation of Cardioprotective Signaling Pathways. *Circulation.* 2009;120:S1445.(Abstract)
16. Tuanming YANG, ShiFang GUO, Changrui CHENG, XiaoYu ZHANG and Wenguang LI. Anti-osteosarcoma effects and mechanisms of 4-O-amino-phenol-4'-demethylepipodophyllotoxin ether. *J. Pharm. Pharmacol.* 2008 ; 60(2): 179-188. (SCI)
17. SI JinChao, ZHANG XiaoYu, LIN MeiLing, DING YongHui, LI Mei, QU SongYi and ZHENG TianZhen. Effects of Ephedra on body mass, serum lipid, glucose and hormone level of ovariectomized obese rats. *Chin J Clin Rehabil.* 2006; 10(47): 209–212.
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19. Jingying Wang, Heng Ma, Xiaoyu Zhang, Leilei He, Jianming Wu, Xiaoping Gao, Jun Ren, Ji Li. A Novel AMPK Activator from Chinese Herb Medicine and Ischemia Phosphorylate the Cardiac Transcription Factor FOXO3. *Int J Physiol Pathophysiol Physiol.* 2009: 1: 116-126
20. Peng Zhao, Jingying Wang, Leilei He, Heng M, Xiaoyu Zhang, Xinglei Zhu, E. Kurt Dolence, Jun Ren, Ji Li. Deficiency in TLR4 signal transduction ameliorates cardiac injury and cardiomyocyte contractile dysfunction during ischemia. *J. Cell. Mol. Med.* 2009; 13: 1513–1525
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23. Li Xujun, Yue Jia, Chang Yanqin, Lin Meiling, ZHANG XiaoYu, Ding Yonghui and ZHENG TianZhen. Effects of Rhizoma Wenyujin Concisum on ovariectomized obese rats. China J Modern Med. 2008; 18(4): 405-407, 412.

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25. 白岩, 卢伍党, 李文广, 张小郁*. 金属配合物Cu(II)1-羟基-3-(2-环氧基)吨酮的体外抗肿瘤作用. 兰州大学学报(医学版). 2010; 36(2): 56-60 (*为通讯作者)

26. 白岩, 卢伍党, 李文广, 张小郁*. 金属配合物Cu(II)吨酮冠醚的体外抗肿瘤作用. 兰州大学学报(医学版). 2010; 36(3): 21-25 (*为通讯作者)

27. 黄征, 张林, 瞿颂义, 郑天珍, 张小郁*. 天麻素对大鼠离体脂肪组织释放游离脂肪酸及抗氧化作用的影响. 第四军医大学学报(J. Fourth Mil. Univ.). 2009 : 30 (16) : 1488-1490. (*为通讯作者) (CSCD)

五、学术团队

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