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● 教育和工作背景:

2007 毕业于浙江大学获博士学位

2007-2011 南昌大学基础医学院 讲师

2011-2016 南昌大学基础医学院 副教授

2016-至今 南昌大学基础医学院 教授、博士生导师

● 研究兴趣、领域:

主要研究方向为生殖生理与病理；体外配子发生；肝脏、生殖与发育毒理及其调控。近年来主持国家自然科学基金、江西省自然科学基金及江西省教育厅科技项目等多项科研项目，在国际学术期刊上发表 SCI 收录论文 20 余篇。

● 代表性论文:

1. **Dalei Zhang**, Yaling Wu, Yangyang Yuan, Wenwen Liu, Haibin, Kuang, Jianhua Yang, Bei Yang, Lei Wu, Weiyong Zou, Changshui Xu. Exposure to 2, 4-dichlorophenoxyacetic acid induces oxidative stress and apoptosis in mouse testis. *Pesticide Biochemistry and Physiology*, 2017, 141: 18-22
2. Yuan Y, Ge S, Lv Z, Wu M, Kuang H, Yang B, Wu Lei, **Zhang D***. Attenuation of perfluorooctanoic acid-induced testicular oxidative stress and apoptosis by quercetin in mice. *RSC Advances*, 2017, 7(71), 45045-45052
3. Mo Li, Yifan Jia, Yan Ling, Yilu Chen, Lu Zhang, Dan Luo, Lidan Lai, Meijun Guo, **Dalei Zhang**, Min Ren, Hong Xu, Haibin Kuang. Reduced expression of follicle stimulating hormone receptor mRNA and protein in pregnancies complicated by pre-eclampsia. *Molecular medicine reports*, 2017, 16(1), 367-372.
4. Wenwen Liu, Changshui Xu, Xi Sun, Haibin Kuang, Xiaodong Kuang, Weiyong Zou, Bei Yang, Lei Wu, Fangming Liu, Ting Zou, **Dalei Zhang***. Grape seed proanthocyanidin extract protects against perfluorooctanoic acid-induced hepatotoxicity by attenuating inflammatory response, oxidative stress and apoptosis in mice. *Toxicology Research*, 2016, 5: 224-234.
5. Zou Weiyong, Lin Hua, Liu Wenwen, Yang Bei, Wu Lei, Duan Limin, Ling Ping, Zhu Lingyan, Dai Qun, Zhao Lintong, Zou Ting, **Dalei Zhang***. Moxibustion

- relieves visceral hyperalgesia via inhibition of transient receptor potential vanilloid 1 (TRPV1) and heat shock protein (HSP) 70 expression in rat bone marrow cells. *Acupunct Med*, 2016, 34(2):114-119.
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 8. Wenwen Liu, Bei Yang, Lei Wu, Weiyong Zou, Xiaoling Pan, Ting Zou, Liping Xia, **Dalei Zhang***. Involvement of NRF2 in Perfluorooctanoic Acid-Induced Testicular Damage in Male Mice. *Biology of Reproduction*. 2015, 93, 41: 1-7.
 9. Weiyong Zou, Wenwen Liu, Bei Yang, Lei Wu, Jianhua Yang, Ting Zou, Liping Xia, **Dalei Zhang***. Quercetin protects against perfluorooctanoic acid-induced liver injury by attenuating oxidative stress and inflammatory response in mice. *International Immunopharmacology*. 2015, 28: 129-135.
 10. Xu Jingjie, Li Mo, Zhang Lu, Xiong Hao, Lai Lidan, Guo Meijun, Zong Teng, **Zhang Dalei**, Yang Bei, Wu Lei, Tang Min, Kuang Haibin*. Expression and regulation of androgen receptor in the mouse uterus during early pregnancy and decidualization. *Mol Reprod Dev*, 2015, 82(11): 898-906.
 11. Zong Teng, Lai Lidan, Hu Jia, Guo Meijun, Li Mo, Zhang Lu, Zhong Chengxue, Yang Bei, Wu Lei, **Zhang Dalei**, Tang Min, Kuang Haibin*. Maternal exposure to di-(2-ethylhexyl) phthalate disrupts placental growth and development in pregnant mice. *J Hazard Mater*, 2015, 297:25-33.
 12. Fen-Fang Hong, Fa-Xian Guo, Ying Zhou, Qin-Hua Min, **Da-Lei Zhang**, Bei Yang, Wei-Ying Zhou, Lei Wu, Zhi-Ping Wei, Hui Liu, Shu-Long Yang*. Shenfu injection protects human ECV304 cells from hydrogen peroxide via its anti-apoptosis way. *Journal of Ethnopharmacology*, 2015, 163(2): 203-209.
 13. Bei Yang, Weiyong Zou, Zhenzhen Hu, Fangming Liu, Ling Zhou, Shulong Yang, Haibin Kuang, Ting Zou, **Dalei Zhang***, Involvement of Oxidative Stress and Inflammation in Liver Injury Caused by Perfluorooctanoic Acid Exposure in Mice, *BioMed Research International*, 2014,409837: 1-7
 14. Zhenyu Cai, **Dalei Zhang**, Ying Ying, Min Yan, Jianhua Yang, Fangyun Xu, Kiwan Oh, Zhenzhen Hu*. Inhibitory modulation of CART peptides in accumbal neuron through decreasing interaction of CaMKII α with dopamine D3 receptors. *Brain Research*, 2014, 1557:101-110.(co-first author)
 15. **Dalei Zhang**, Bei Yang, Weiyong Zou, , Mingdi Xiong, Lei Wu, Jinglei Wang, , Sifan Xu, Ting Zou*, Estradiol synthesis and release in cultured female rat bone marrow stem cells. *BioMed Research International*, 2013, 301540: 1-6

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17. Zheng LP, **Zhang DL**, Huang J, Xu LQ, Xu AX, Du XY, Tang DF, Zheng YH. Proto-oncogene c-erbB2 initiates rat primordial follicle growth via PKC and MAPK pathways. Reproductive Biology and Endocrinology. 2010, 8(66): 1-16. (co-first author)
18. **Zhang Dalei**, Wang Kaiming, Zhang Caiqiao. Ginsenosides stimulated the proliferation of mouse spermatogonia involving activation of protein kinase C. J Zhejiang Univ Sci B. 2009, 10(2): 87-92.
19. **Zhang Da-lei**, Mi Yu-Ling, Wang Kai-ming, Zeng Wei-dong, Zhang Cai-qiao. Attenuating effect of daidzein on polychlorinated biphenyls-induced oxidative toxicity in mouse testicular cells. J Zhejiang Univ Sci B. 2008, 9(7): 567-571.
20. **Dalei Zhang**, Caiqiao Zhang, Jianxin Liu. Ginsenosides promote meiotic maturation of mouse oocytes in cumulus-oocyte complexes involving increased expression of nitric oxide synthase. Nutrition Research. 2006, 26(11): 585-590.

● 近年来所获科研项目：

1. 国家自然科学基金“PFOA 诱导睾丸生殖细胞毒性损伤的机制及 Nrf2 的调控作用研究”，2016.1-2019.12，81560248，主持。
2. 国家自然科学基金“Nrf2-ARE 系统调控环境内分泌干扰物引起的精原细胞毒性损伤的研究”2011.1-2013.12，81060056，主持。
3. 江西省自然科学基金“Nrf2 调控 PFOA 诱导的睾丸生殖毒性损伤的研究”，2016.1-2018.12，20161BAB205208，主持。
4. 江西省教育厅科技项目“内分泌干扰物诱导精原细胞氧化损伤及其修复机制的研究”，2012.1-2014.12，GJJ12083，主持。
5. 江西省教育厅科技项目“人参皂甙对雄性生殖细胞发育调控的研究”，20109.1-2011.12，主持。
6. 国家自然科学基金“雌性骨髓间充质干细胞悬滴培养形成卵泡样结构和产生性激素的研究”，2010.1-2013.12，30960409，排名第三。
7. 国家自然科学基金“甲状旁腺全切除后骨髓细胞甲状旁腺素的合成和调节研究”，2016.1-2019.12，2015 年立项，81502417，在研，排名第二。

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