姓　　名： 靳远祥

性　　别：男

工作部门：生物工程学院

技术职称：教授

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主要研究方向：

1．分子毒理学、环境污染物与肠道微生物
2．药物、化学污染物的健康效应评价

目前研究项目：

1．环境微塑料暴露引起斑马鱼肠道菌群失调导致行为和代谢紊乱的机理研究（21777146）、国家自然科学基金面上项目、2018/01-2021/12、65 万、主持

2．基于肠道菌群和脂质代谢变化研究环境相关浓度三种典型杀菌剂的毒理机制（LR16B070002）、浙江省杰出青年基金、2016/01-2019/12、36 万、主持

3．基于组蛋白甲基化表观遗传修饰研究芳香烃受体介导的致癌分子毒理机制（21277128）、国家自然科学基金面上项目、2013/01-2016/12、78 万、主持

发表的论文、专著、教材：

近几年以第一或通讯作者在药理、毒理学等领域有影响力的期刊如 Environment International, Toxicological Sciences，Toxicology Letters, Aquatic Toxicology, Chemosphere 等上发表（录用）SCI 论文近 50 篇，其中影响因子大于 2 的有 40 余篇。目前发表的论文已被 SCI 期刊源论文共引用 1200 余次（Web of Science），单篇最高引用超过 150 次，其中第一作者 ESI 热点论文 1 篇，ESI 高被引论文 4 篇，个人 H 指数为 20。

近 5 年以第一和通讯作者发表的论文：

1) Jin YX (靳远祥), Wu SS, Zeng ZY, Fu ZW*. Effects of environmental pollutants on gut microbiota. Environmental Pollution. 2017, 222: 1-9

2) Liu ZZ, Fu ZW, Jin YX (靳远祥)*. Immunotoxic effects of atrazine and its main metabolites at environmental relevant concentrations on larval zebrafish (Danio rerio). Chemosphere. 2017, 166: 212-220

3) Jin YX (靳远祥), Wu Y, Zeng ZY, Jin CY. Wu SS. Wang YY, Fu ZW*. Exposure to oral antibiotics induces gut microbiota dysbiosis associated with lipid metabolism dysfunction and low-grade inflammation in mice. Toxicological Sciences. 2016, 154:140-152

4) Jin YX (靳远祥), Chen GL, Fu ZW*. Effects of TBEP on the induction of oxidative stress and endocrine disruption in TM3 Leydig cells. Environmental Toxicology. 2016, 31(10): 1276-1286

5) Jin CY, Zeng ZY, Fu ZW, Jin YX (靳远祥)*. Oral imazalil exposure induces gut microbiota dysbiosis and colonic inflammation in mice. Chemosphere. 2016, 160, 349-358

6) Jin YX (靳远祥), Zhang SB, Tao RH, Huang J, He XZ, Qu LY, Fu ZW*. Oral exposure of mice to cadmium (Ⅱ), chromium (VI) and their mixture induce oxidative- and endoplasmic reticulum-stress mediated apoptosis in the livers. Environmental Toxicology. 2016, DOI: 10.1002/tox.22082

7) Jin YX (靳远祥), Liu L, Zhang SB, He RJ, Wu Y, Chen GL, Fu ZW*. Cadmium exposure to murine macrophages decreases their inflammatory responses and increases their oxidative stress. Chemosphere. 2016, 144: 168-175

8) Zhang SB, Jin YX (靳远祥) *, Zeng ZY, Liu ZZ, Zhengwei Fu*. Sub-chronic exposure of mice to cadmium perturbs their hepatic energy metabolism and gut microbiome. Chemical Research in Toxicology. 2015. 28: 2000-2009

9) Chen GL, Jin YX (靳远祥) *, Yan Wu, Ling Liu, Zhengwei Fu*. Exposure of male mice to two kinds of organophosphate flame retardants (OPFRs) induced oxidative stress and endocrine disruption, Environmental Toxicology and Pharmacology. 2015, 40: 310-318

10) Jin YX (靳远祥), Zeng ZY, Wu Y, Zhang SB, Fu ZW*. Oral exposure of mice to carbendazim induces hepatic lipid metabolism disorder and gut microbiota dysbiosis. Toxicological Sciences. 2015, 147 (1): 116-126

11) Chen GL, Zhang SB, Jin YX (靳远祥) *, Wu Y, Liu L, Qian HF, Fu ZW*. TPP and TCEP induce oxidative stress and alter steroidogenesis in TM3 Leydig cells. Reproductive Toxicology. 2015, 57C:100-110

12) Jin YX (靳远祥), Wang JC, Pan XH, Miao WY, Lin XJ, Wang LG, Fu ZW*. Enantioselective disruption of the endocrine system by cis-bifenthrin in the male mice. Environmental Toxicology. 2015, 30(7):746-754

13) Jin YX (靳远祥), Lin XJ, Miao WY, Wang LG, Wu Y, Fu ZW*. Oral exposure of pubertal male mice to endocrine-disrupting chemicals alters fat metabolism in adult livers. Environmental Toxicology. 2015, DOI: 10.1002/tox.22013

14) Jin YX (靳远祥), Liu ZZ, Peng T, Fu ZW*. The toxicity of chlorpyrifos on the early life stage of zebrafish: a survey on the endpoints at development, locomotor behavior, oxidative stress and immunotoxicity. Fish and Shellfish Immunology. 2015, 43: 405-414

15) Jin YX (靳远祥), Liu ZZ, Liu F, Ye Y, Peng T, Fu ZW*. Embryonic exposure to cadmium (Ⅱ) and chromium (VI) induces behavioral alterations, oxidative stress and immunotoxicity in zebrafish (Danio rerio). Neurotoxicology and Teratology. 2015, 48: 9-17

16) Liu L, Tao RH, Huang J, He XZ, Qu LY, Jin YX (靳远祥) *, Zhang SB, Fu ZW*. Hepatic oxidative stress and inflammatory responses with cadmium exposure in male mice. Environmental Toxicology and Pharmacology. 2015, 39: 229-236

17) Jin YX (靳远祥), Miao WY, Lin XJ, Wu T, Shen HJ, Chen S, Li YH, Pan QQ, Fu ZW*. Sub-chronically exposing mice to a polycyclic aromatic hydrocarbon increases lipid accumulation in their livers. Environmental Toxicology and Pharmacology. 2014, 38: 353-363

18) Jin YX (靳远祥), Miao WY, Lin XJ, Pan XH, Ye Y, Xu MJ, Fu ZW*. Acute exposure to 3-methylcholanthrene induces hepatic oxidative stress via activation of the Nrf2/ARE signaling pathway in mice. Environmental Toxicology. 2014, 29(12): 1399-1408

19) Jin YX (靳远祥), Wang LG, Chen GL, Lin XJ, Miao WY, Fu ZW*. Exposure of mice to atrazine and its metabolite diaminochlorotriazine elicits oxidative stress and endocrine disruption. Environmental Toxicology and Pharmacology. 2014, 37: 782-790

20) Jin YX (靳远祥), Lin XJ, Miao WY, Wu T, Shen HJ, Chen S, Li YH, Pan QQ, Fu ZW*. Chronic exposure of mice to environmental endocrine-disrupting chemicals disturbs their energy metabolism. Toxicology Letters. 2014, 225: 392-400

21) Jin YX (靳远祥), Pan XH, Fu ZW*. Exposure to bifenthrin causes immunotoxicity and oxidative stress in male mice. Environmental Toxicology. 2014, 29(9): 991-999

22) Miao WY, Jin YX (靳远祥), Lin XJ, Fu ZW*. Differential expression of the main polycyclic aromatic hydrocarbon responsive genes in the extrahepatic tissues of mice. Environmental Toxicology and Pharmacology. 2014, 37: 885-894

23) Jin YX (靳远祥), Wang JC, Sun XQ, Ye Y, Xu MJ, Wang JN, Chen SP, Fu ZW*. Exposure of maternal mice to cis-bifenthrin enantioselectively disrupts the transcription of genes related to testosterone synthesis in male offspring. Reproductive Toxicology. 2013, 42:156-163

24) Jin YX (靳远祥), Wang JC, Pan XH, Wang LG, Fu ZW*. Cis-bifenthrin enantioselectivly induces hepatic oxidative stress in mice. Pesticide Biochemistry and Physiology. 2013, 107: 61-67

25) Jin YX (靳远祥), Wang LG, Fu ZW*. Oral exposure to atrazine modulates hormone synthesis and the transcription of steroidogenic genes in male peripubertal mice. General and Comparative Endocrinology. 2013, 184:120-127

26) Jin YX (靳远祥), Pan XH, Cao LM, Ma BF, Fu ZW*. Embryonic exposure to cis-bifenthrin enantioselectively induces the transcription of genes related to oxidative stress, apoptosis and immunotoxicity in zebrafish (Danio rerio). Fish and Shellfish Immunology. 2013, 34: 717-723

27) Jin YX (靳远祥), Zhang XX, Lu DZ, Fu ZW*. Proteomic analysis of hepatic tissue in adult female zebrafish (Danio rerio) exposed to atrazine. Archives of Environmental Contamination and Toxicology. 2012, 62:127-134

28) Jin YX (靳远祥), Liu JW, Wang LG, Chen RJ, Zhou C, Yang YF, Liu WP, Fu ZW*. Permethrin exposure during puberty has the potential to enantioselectivly induce reproductive toxicity in mice. Environment International. 2012, 42: 144-151

科研成果及专利：

1、典型拟除虫菊酯农药对斑马鱼内分泌干扰效应及免疫毒性的分子机理研究，“十一五”浙江省自然基金优秀项目，浙江省自然基金委， 2011 年，排名 1

2、拟除虫菊酯类类农药对非靶标生物的毒理学研究，浙江省高校科研成果二等奖，浙江省教育厅，2012 年，排名 2

3、农药对水生生物的毒理评估体系的建立，浙江省高校科研成果二等奖，浙江省教育厅，2010 年，排名 3

研究生培养等教学情况：

承担研究生《现代生物学进展》等课程的教学工作，教学效果良好。

培养毕业生获浙江工业大学优秀硕士论文 2 篇（缪文钰 2014 年、陈冠良 2015 年）

指导研究生主持浙江省新苗计划 2 项（缪文钰等 2013 年、张松彬等 2015 年）

指导学生获得浙江省挑战杯一等奖 1 项（王凌港等 2013 年）、三等奖 2 项（张松彬等 2015 年、吴嗣圣等 2017 年）

指导研究生获国家奖学金 5 人次（王凌港 2013 年、张松彬 2015 年、刘珍珍 2015 年、曾昭阳 2015

年、罗婷 2017 年）

指导研究生获得浙江工业大学十佳学术之星（张松彬 2015 年）

奖励和荣誉：

1、浙江大学包氏奖学金，2016 年
2、浙江省杰出青年基金获得者，2015 年
3、浙江省本科高校中青年学科带头人培养对象，2013 年
4、浙江工业大学骨干教师计划，2007 年
5、浙江省"151"第三层次人才，2005 年

其它：