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毕业院校：南京农业大学

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研究方向：动物免疫毒理学与中毒性疾病；
真菌毒素与食品安全；
小动物疾病。



个人简介：

2012年毕业于南京农业大学预防兽医系，获博士学位。2010年至2013年，2015年至2016年先后作为访问学者和博士后在美国密西根州立大学学习和工作4年，承担并参与2项美国NIH项目和1项USDA项目。现任动物医学院临床医学系副教授、硕士研究生导师、美国毒理学会会员、中国毒理学会会员、江苏省毒理学会青年委员、兽医毒理专业委员会委员。BMC Vet Res、Toxicol Sci等国际知名刊物审稿人。

一直从事真菌毒素毒性机理、致病分子机制、畜禽中毒病与食品安全、小动物疾病等研究。近5年在Arch Toxicol、Toxicol Sci等国际知名刊物发表SCI论文18篇，其中第一或通讯作者SCI论文14篇，累积影响因子大于50，单篇最高影响因子6.637。论文大部分发表在学科前20%的杂志，其中7篇发表在学科前10%的杂志。

科研项目：

主持国家自然科学基金、江苏省自然科学基金、中央高校科研基本业务费、中国博士后科学基金面上一等资助、中国博士后科学基金特别资助等项目。参与国家重点研发计划、国家自然科学基金、农业科技成果转化资金项目、引进国际先进农业科学技术计划（“948”项目）、国家科技重大项目（“863”计划）等项目。

荣誉奖项：

“钟山学者”学术新秀

江苏省优博获得者

勃林格殷格翰奖教金

发明专利：

近年代表性论著：

1. Wenda Wu, Hui-Ren Zhou, Steven J. Bursian, et al. Calcium-Sensing Receptor and Transient Receptor Ankyrin-1 Mediate Emesis Induction by Deoxynivalenol (Vomitoxin). *Toxicological Sciences*, 155, 32-42, 2017. (IF=3.88, Top 10% in Toxicology)
2. Wenda Wu, Hui-Ren Zhou, James J. Pestka*. Potential Roles for Calcium-Sensing Receptor (CaSR) and Transient Receptor Ankyrin-1 (TRPA1) in Murine Anorectic Response to Deoxynivalenol (Vomitoxin), *Archives of Toxicology*, 91, 495-507, 2017. (IF=6.637, Top 10% in Toxicology)
3. Wenda Wu, Hui-Ren Zhou, Steven J. Bursian, et al. Emetic Responses to T-2 toxin, HT-2 toxin and Emetine Correspond to Plasma Elevations Peptide YY3-36 and 5-Hydroxytryptamine. *Archives of Toxicology*, 90, 997-1007, 2016. (IF=6.637, Top 10% in Toxicology)
4. Denis Male, Wenda Wu (Co-first author), Nicole J. Mitchell, et al. Modeling the emetic potencies of food-borne trichothecenes by benchmark dose methodology, *Food and Chemical Toxicology*, 94, 178-185, 2016. (IF=3.584, Top 20% in Food Science and Technology)
5. Dawei Liu, Hongyi Liu, Wenda Wu*, et al. Potential natural exposure of endangered red-crowned crane (*Grus japonensis*) to mycotoxins aflatoxin B1, deoxynivalenol, zearalenone, T-2 toxin, and ochratoxin A. *Journal of Zhejiang University-SCIENCE B*, 17, 158-168, 2016.
6. Denis Male, Nicole J. Mitchell, Wenda Wu, et al. Modelling the anorectic potencies of food-borne trichothecenes by benchmark dose and incremental area under the curve methodology. *World Mycotoxin Journal*, 9, 279-288, 2016.
7. Xiu-meizhao, Rong-jia Li, Wenda Wu, et al. Separation and purification of deoxynivalenol (DON) mycotoxin from wheat culture using a simple two-step silica gel column chromatography. *Journal of Integrative Agriculture*, 15, 694-701, 2016.

8. Wenda Wu, Hui-Ren Zhou, Xiao Pan, et al. Comparison of Anorectic Potencies of the Trichothecene T-2 toxin, HT-2 toxin, Satratoxin G and Natural Alkaloid Emetine. *Toxicology Reports*, 2, 238-251, 2015.
9. Wenda Wu, Hui-Ren Zhou, Xiao Pan, et al. Comparison of Anorectic and Emetic Potencies of Deoxynivalenol (Vomitoxin) to the Plant Metabolite Deoxynivalenol-3-Glucoside and Synthetic Deoxynivalenol Derivatives EN139528 and EN139544. *Toxicological Sciences*, 142, 167-181, 2014. (IF=4.478, Top 10% in Toxicology)
10. Wenda Wu, Hui-Ren Zhou, Kaiyu He, et al. Role of Cholecystokinin in Anorexia Induction Following Oral Exposure to the 8-Ketotrichothecenes Deoxynivalenol, 15-Acetyldeoxynivalenol, 3-Acetyldeoxynivalenol, Fusarenon X, and Nivalenol. *Toxicological Sciences*, 138, 278-289, 2014. (IF=4.478, Top 10% in Toxicology)
11. Wenda Wu, Kaiyu He, Hui-Ren Zhou, et al. Effects of oral exposure to naturally-occurring and synthetic deoxynivalenol congeners on proinflammatory cytokine and chemokine mRNA expression in the mouse. *Toxicology and Applied Pharmacology*, 278, 107-115, 2014. (IF=3.705, Top 20% in Toxicology)
12. Wenda Wu, Haibin Zhang*. Role of tumor necrosis factor- α and interleukin-1 β in anorexia induction following oral exposure to the trichothecene deoxynivalenol (vomitoxin) in the mouse. *Journal of Toxicological Sciences*, 39, 875-886, 2014.
13. Yuwei Wang, Wenda Wu (Co-first author), Xichun Wang, et al. Inhibitory Effects of Deoxynivalenol on Gastric Secretion in Rats. *Journal of Food Protection*, 77, 1367-1371, 2014.
14. Zhiyu Shi, Yating Zheng, Haobo Zhang, Chenghua He, Wenda Wu, Haibin Zhang* DNA Electrochemical Aptasensor for Detecting Fumonisin B1 Based on Graphene and Thionine Nanocomposite. *Electroanalysis*, 27, 1097-1103, 2014.
15. Wenda Wu, Melissa A. Bates, Steven J. Bursian, et al. Peptide YY3-36 and 5-Hydroxytryptamine Mediate Emesis Induction by Trichothecene Deoxynivalenol (Vomitoxin). *Toxicological Sciences*, 133, 186-195, 2013. (IF=4.328, Top 10% in Toxicology)
16. Wenda Wu, Melissa A. Bates, Steven J. Bursian, et al. Comparison of Emetic Potencies of the 8-Ketotrichothecenes Deoxynivalenol, 15-Acetyldeoxynivalenol,

3-Acetyldeoxynivalenol, Fusarenon X, and Nivalenol. *Toxicological Sciences*, 131, 279-291, 2013. (IF=4.328, Top 10% in Toxicology)

17. Wenda Wu, Brenna M. Flannery, Sugita-Konishi Yoshiko, et al. Comparison of Murine Anorectic Responses to the 8-Ketotrichothecenes 3-Acetyldeoxynivalenol, 15-Acetyldeoxynivalenol, Fusarenon X and Nivalenol. *Food and Chemical Toxicology*, 50, 2056-2061, 2012. (IF=3.01, Top 20% in Food Science and Technology)

18. Brenna M. Flannery, Wenda Wu, James J. Pestka*. Characterization of deoxynivalenol-induced anorexia using mouse bioassay. *Food and Chemical Toxicology*, 49, 1863-1869, 2011.