CURRICULUM VITAE

Personal Information

Name	Xu Wang	Gender	Male
Position Title		Professor	
Working Department		National Reference Laboratory of Veterinary Drug Residues (HZAU) & MOA Key Laboratory of the Detection of Veterinary Drug Residues, College of Veterinary Medicine, Huazhong Agricultural University	
Email	wangxu@mail.hzau.edu.cn		
Address	No. 1, Shizishan Street, Hongshan District, Wuhan, Hubei Province 430070, P. R. China		
Tel	+86 13098823737	Fax	+86 27 87672232

Research Interest

Veterinary Pharmacology and Toxicology, and Food Safety. An investigation on the toxic mechanism of veterinary medicine and mycotoxins using various technological platforms (PCR, siRNA, Western blot, HPLC-MS-MS, HPLC, Flow Cytometry etc). Elevation on the acute, sub-chronic, genotoxic and carcinogenic toxicities of the veterinary medicine. ecently, research on the anti-virus and anti-bacterial drug development is carried out.

Education & Working Experience

Education

1993- 1998: B.S. in Animal Medicine, College of Animal Medicine, Huazhong Agriculture University, Wuhan, P. R. China

1998- 2001: M.S. in Veterinary Pharmacology & Toxicology, College of Animal Medicine, Huazhong Agriculture University, Wuhan, P. R. China

2003- 2006: Ph.D. in Biochemistry, Huazhong University of Science and Technology, Wuhan, P. R. China

Working Experience

2006- 2007: Senior research associate in Guangzhou Institutes of Biomedicine and Health, Chinese Academy of Sciences

2007- 2009: Lecturer of Animal Medicine, in Veterinary Pharmacology and Toxicology, College of Veterinary Medicine, Huazhong Agricultural University

2010- 2015: Associate Professor of National Reference of National Reference Laboratory of Veterinary Drug Residues (HZAU) & MOA Key Laboratory of the Detection of Veterinary Drug Residues

2015- 2016: Visiting scholars to Departament of Toxicology and Pharmacology, Faculty of Veterinary Medicine, Universidad Complutense de Madrid, Spain

2016- Now Professor

Publications

1. Guo P#, Qiao F#, Huang D, Wu Q, Chen T, Badawy S, Cheng G, Hao H, Xie S, **Wang X***. MiR-155-5p plays as a "janus" in the expression of inflammatory cytokines induced by T-2 toxin. Food Chem Toxicol. 2020, 140: 111258.
2. Lu Q., Sun Y., Ares I., Anadon A.*, Martinez M., Martinez-Larranaga M. R., Yuan Z., **Wang X**.*, Martinez M. A. Deltamethrin toxicity: A review of oxidative stress and metabolism. Environ Res. 2019, 170: 260-281.
3. Liu A., Xu X., Hou R., Badawy S., Tao Y., Chen D., Ihsan A., **Wang X**.*, Wu Q.*, Yuan Z. DNA methylation and RASSF4 expression are involved in T-2 toxin-induced hepatotoxicity. Toxicology. 2019, 425: 152246.
4. Liu A., Wu Q., Guo J., Ares I., Rodriguez J. L., Martinez-Larranaga M. R., Yuan Z., Anadon A.*, **Wang X**.*, Martinez M. A. Statins: Adverse reactions, oxidative stress and metabolic interactions. Pharmacol Ther. 2019, 195: 54-84.
5. Liu A., Sun Y., Wang X., Ihsan A., Tao Y., Chen D., Peng D., Wu Q.*, **Wang X**.*, Yuan Z. DNA methylation is involved in pro-inflammatory cytokines expression in T-2 toxin-induced liver injury. Food Chem Toxicol. 2019, 132: 110661.
6. Huang D., Cui L., Dai M., **Wang X**.*, Wu Q., Hussain H.I., Yuan Z.*. Mitochondrion: A new molecular target and potential treatment strategies against trichothecenes. Trends Food Sci Tech. 2019, 88: 33-45. **High cited article**
7. Huang D., Cui L., Sajid A., Zainab F., Wu Q., **Wang X**.*, Yuan Z.* The epigenetic mechanisms in Fusarium mycotoxins induced toxicities. Food Chem Toxicol. 2019, 123: 595-601.
8. Huang D., Cui L., Ahmed S., Zainab F., Wu Q., **Wang X**.*, Yuan Z.* An overview of epigenetic agents and natural nutrition products targeting DNA methyltransferase, histone deacetylases and microRNAs. Food Chem Toxicol. 2019, 123: 574-594.
9. Wan D., Wu Q., Qu W., Liu G.*, **Wang X***. Pyrrolidine Dithiocarbamate (PDTC) Inhibits DON-Induced Mitochondrial Dysfunction and Apoptosis via the NF-kappaB/iNOS Pathway. Oxid Med Cell Longev. 2018, 2018: 1324173.
10. Tao Y., Xie S., Xu F., Liu A., Wang Y., Chen D., Pan Y., Huang L., Peng D., **Wang X**.*, Yuan Z*. Ochratoxin A: Toxicity, oxidative stress and metabolism. Food Chem Toxicol. 2018, 112: 320-331.

11. Guo P., Liu A., Huang D., Wu Q., Fatima Z., Tao Y., Cheng G., **Wang X**.*, Yuan Z. Brain damage and neurological symptoms induced by T-2 toxin in rat brain. Toxicol Lett. 2018, 286: 96-107.
12. Fatima Z., Guo P., Huang D., Lu Q., Wu Q., Dai M., Cheng G., Peng D., Tao Y., Ayub M., Ul Qamar Mt, Ali M. W., **Wang X**.*, Yuan Z*. The critical role of p16/Rb pathway in the inhibition of GH3 cell cycle induced by T-2 toxin. Toxicology. 2018, 400-401: 28-39.
13. **Wang X**, Anadon A*, Wu Q, Qiao F, Ares I, Martinez-Larranaga Mr, Yuan Z*, Martinez Ma. Mechanism of Neonicotinoid Toxicity: Impact on Oxidative Stress and Metabolism. Annu Rev Pharmacol Toxicol, 2018, 58, 471-507. **High cited article**
14. Liu X., Huang D., Guo P., Wu Q., Dai M., Cheng G., Hao H., Xie S., Yuan Z., **Wang X***. PKA/CREB and NF-kappaB pathway regulates AKNA transcription: A novel insight into T-2 toxin-induced inflammation and GH deficiency in GH3 cells. Toxicology. 2017, 392: 81-95.
15. Liu X., Guo P., Liu A., Wu Q., Xue X., Dai M., Hao H., Qu W., Xie S., **Wang X**.*, Yuan Z*. Nitric oxide (NO)-mediated mitochondrial damage plays a critical role in T-2 toxin-induced apoptosis and growth hormone deficiency in rat anterior pituitary GH3 cells. Food Chem Toxicol. 2017, 102: 11-23.
16. Huang D., Cui L., Guo P., Xue X., Wu Q., Hussain H. I., **Wang X**.*, Yuan Z*. Nitric oxide mediates apoptosis and mitochondrial dysfunction and plays a role in growth hormone deficiency by nivalenol in GH3 cells. Sci Rep. 2017, 7(1): 17079.
17. **Wang X**, Wu Q, Wan D, Liu Q, Chen D, Liu Z, Martínez-Larrañaga MR, Martínez MA, Anadón A, Yuan Z. Fumonisins: oxidative stress-mediated toxicity and metabolism in vivo and in vitro. Arch toxicol. 2016, 90(1):81-101. **IF: 5.98** **Highlight article**
18. **X Wang**#, H Zhang#, L Huang, Y Pan, J Li, D Chen, G Cheng, H Hao, Y Tao, Z Liu, Z Yuan*. Deoxidation rates play a critical role in DNA damage mediated by important synthetic drugs, quinoxaline 1,4-dioxides. Chem Res Toxicol. 2015, 28: 470-81. **High cited article**