

# Resume of Guijie FANG

## **Basic Information**



School :	School of Biological Engineering and Food
Gender:	Female
Date of Birth:	197410
Title:	Associate Professor
Education:	Ph.D of Food and Pharmaceutical Toxicology
Tutor:	Master degree
Interest of research:	Biological Medicine, Bio-pharmaceutical

## **Academic Background**

From September 1998 to July 2001, Huzhong Agricultural University, Master's degree Pharmacology;

From September 2001 to July 2006, Huzhong Agricultural University, Ph.D of Food and Pharmaceutical Toxicology.

## **Oversea visiting**

2014/06-2015/12, Visiting scholar, North Carolina State University, USA;

## **Enrollment Information**

1. Enrollment Discipline: MBA, Master of Pharmacy, Bio-pharmaceuticals, Pharmaceutical Engineering, Pharmacology, Microbial and Biochemical Pharmacy, and Biology and Medicine.
2. Research direction: Biological Medicine, Bio-pharmaceutical, Pharmacology
3. Enrollment Year: 2023-2024

## **Representative Projects**

1. National Natural Science Foundation of China “Studies of homogenized molecular imprinted protein membranes”, China.
2. Hubei Provincial Key Laboratory of Animal Embryo Engineering and Molecular Breeding, Hubei Provincial Department of Agriculture, Open Project “Preparation of Schistosoma japonicum glutathione S-transferase molecular imprinted membrane”, Hubei, China.
3. Drug development and related software and hardware development design, Wuhan Hanxing Linktronic Software Co., LTD, Wuhan, China.
4. PhD Initiating Fund of Hubei University of Technology “Study on a new method for the separation, enrichment and detection of glutathione based on molecular imprinting Technology”, Hubei, China.

5. Major project of Education Department of Hubei Province “Study on Preparation of homogeneous enzyme membrane by molecular imprinting Technology”, Hubei, China.
6. Research and development of candesartan self-microemulsifying soft capsules, Science and Technology Research Program of Wuhan Science and Technology Bureau, Wuhan, China.

### **Representative Articles**

1. **Guijie Fang**, Qinghua He, Shiqi Zhou, Daju Wang, Yanling Zhang, Zonghui Yuan\*. Subchronic oral toxicity study with cyadox in Wistar rats. *Food and Chemical Toxicology*, 2006; 44(1):36-41. (SCI Impact Factor: 3.999)
2. Xu Wang<sup>1</sup>, **Guijie Fang**<sup>1</sup>, Yulian Wang, Ihsan A, Lingli Huang, Zhenli Liu, Zhonghui Yuan. Two generation reproduction and teratogenicity studies of feeding cyadox in Wistar rats *Food and Chemical Toxicology*. 2011;49(5):1068-79. (1: Co-first author; SCI Impact Factor: 3.999)
3. **Guijie Fang**, Xianfeng Qiao. Molecular cloning and analysis of glutathione S-transferase gene of *Schistosoma japonicum*. 2010 International Conference on Information Engineering and Computer Science Proceeding. ISBN: 978-1-4244-7940-5. (Included in EI)
4. **Guijie Fang**, Xianfeng Qiao. Molecular Cloning and Analysis of Hubei White Swine Myostatin Gene. 2010 International Conference on Information Engineering and Computer Science Proceeding. ISBN: 978-1-4244-7940-5. (Included in EI)
5. **Guijie Fang**, Hui Wang, Weihong Xie. Study on the interaction between glutathione and functional monomers. 2010 International Conference on Biomedical Engineering and Computer Science Proceeding. ISBN: 978-1-4244-5316-0. (Included in EI)
6. **Guijie Fang**, Anzi Ding, Weihong Xie. Electrochemical determination of reductive glutathione with copper (II) or chromium (VI). 2010 International Conference on Biomedical Engineering and Computer Science Proceeding. ISBN: 978-1-4244-5316-0. (Included in EI)
7. **Guijie Fang**, Jianliang Deng, Weihong Xie. The Study on Decoloration Spectrophotometric Determination of Hemoglobin with Alizarin Red. 2010 First International Conference on Cellular, Molecular Biology, Biophysics and Bioengineering Proceeding. ISBN: 978-1-4244-9158-2. (Included in EI)
8. **Guijie Fang**, Weihong Xie. The Study of Preparation Method for Molecularly Imprinted Membrane of Reductive Glutathione. 2010 First International Conference on Cellular, Molecular Biology, Biophysics and Bioengineering Proceeding. ISBN: 978-1-4244-9158-2. (Included in EI)
9. Qinghua He, **Guijie Fang**, Yulian Wang, Zhichao Wei, Daju Wang, Shiqi Zhou, Shengxian Fan, Zanghui Yuan\*. Experimental evaluation of cyadox phototoxicity to Balb/c mouse skin. *Photodermatology Photoimmunology Photomedicine*. 2006; 22(2):100-4. (SCI Impact Factor: 1.897)
10. Lijian Liu, Jingjing Zheng, **Guijie Fang**, Weihong Xie. Improvement of the homogeneity of protein-imprinted polymer films by orientated immobilization of the template. *Analytica Chimica Acta*. 2012; 726:85-92.(SCI Impact Factor: 4.712)

11. YongJin Li, WeiHong Xie, **GuiJie Fang**. Fluorescence detection techniques for protein kinase assay. *Anal Bioanal Chem.*, 2008; 390:2049–2057. (SCI Impact Factor: 3.125)
12. Xiong Peng, Lang Liu, Xin Guo, Peilei Wang, Chunman Song, Sha Su, **Guijie Fang**, Maohua Chen. The Survival and Reproduction of *Rhopalosiphum padi* (Hemiptera: Aphididae) on Different Plants: Exploring the Possible Host Range for a Serious Wheat Pest. *J Econ Entomol.* 2020;113(1):185-193. (SCI Impact Factor: 2.2)