

Zhang Yuanyuan

Experimentalist

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SHORT BIOGRAPHY:

Zhang Yuanyuan obtained her master of agriculture degree at college of veterinary medicine from Jilin University in 2007. She has been at the zoological institute worked as Experimentalist since 2008. She is a major expert in mainly engaged in TEM sample preparation and morphological observation, and assisted teacher Wang in laser scanning confocal microscopy and tissue sections.

RESEARCH INTERESTS :

- Virus, virus-like particles, phage, bacteria and many kinds of particles' morphological observation.
- Preparation, ultramicrotomy and ultrastucture observation of cells , tissue and bacteria.

SELECTED PUBLICATIONS :

- Yu Zhou ,Yuan-Yuan Zhang ,Qing-Feng Shen ,Shi-Ying Lu ,Hong-Lin Ren ,Yan-Song Li ,Zeng-Shan Liu , Feng-Guang Pan , Xian-Mei Meng , Jun-Hui Zhang. Development of a novel antibody probe useful for domoic acid detection. *Biosensors and Bioelectronics*, 2009, 24 (10): 3159-3163
- Yu Zhou, Xiang-Li Tian, Yan-Song Li, Feng-Guang Pan, Yuan-Yuan Zhang,Jun-Hui Zhang, Li Yang, Xin-Rui Wang, Hong-Lin Ren, Shi-Ying Lu, Zhao-Hui Li,Qi-Jun Chen, Zeng-Shan Liu, Jing-Qiu Liu. An enhanced ELISA based on modified colloidal gold nanoparticles for the detection of Pb(II). *Biosensors and Bioelectronics*, 2011, 26: 3700–3704.
- Yu Zhou*, Xiang-Li Tian, Yan-Song Li, Yuan-Yuan Zhang, Li Yang, Jun-Hui Zhang, Xin-Rui Wang, Shi-Ying Lu, Hong-Lin Ren, Zeng-Shan Liu. A versatile and highly sensitive probe for Hg(II), Pb(II) and Cd(II) detection individually and totally in water samples. *Biosensors and Bioelectronics*, 2011, 30 (1): 310-314.