CURRICULUM VITAE

A. Personal Information

NAME	POSITION TITLE
Xiuping WU	Associate Professor, Postgraduate Tutor

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	MM/YY	FIELD OF STUDY
Institute of Zoonoses, Jilin University, Changchun 130062, Jilin Province, P. R. China	PhD	07/2009	Veterinary Preventive Medicine
Quartermaster University of PLA, Changchun 130062, Jilin Province, P. R. China	Master	07/2004	Veterinary Preventive Medicine
Agriculture College, Yanbian University, Yanji, P. R. China	Bachelor	07/1998	Agronomy

B. Positions and Honors

Positions and Employment

2013--…: Associate Professor, National Institute of Parasitic Diseases, Chinese Center for Disease Control and Prevention.

2011-2013: Postdoc, National Institute of Parasitic Diseases, Chinese Center for Disease Control and Prevention.

2010-2013: Associate Professor, Institute of Zoonoses, Jilin University.

2006-2013: Director of Food-born Parasit Lab for Institute of Zoonoses, Jilin University.

2004-2010: Lecturer, Institute of Zoonoses, Jilin University.

1998-2004: Assistant, Quartermaster University of PLA.

Abroad experience

1. 10/2007-12/2007: Visiting Scholar in AFSSA, Paris, France.
2. 03/2011-08/2013: Visiting Scholar in USDA, Maryland, America

Memberships

1. Program Chairman of ICT13 (2011)
2. Member, International Committee on Trichinellosis (2007--…:).
3. Deputy secretary-general, Jilin Province Society of Zoonosis (2008--…:).

4. Member, Chinese Society of Veterinary Food Hygiene (2009--…:).

Honors

Award: Technological Progress Award(First Prize), Jilin Province. Title: "An antigen gene for early diagnosis of trichinellosis and its unique epigenetic regulation mechanism".

Patent: International patent(WO2007/090960), "Polypeptides recognized by anti-*Trichinella* antibodies, and uses thereof".

Grant:

1. "The study of biological functions of two similar newborn larvae stage-specific genes in the Nurse cell formation of *Trichinella spiralis*". International Foundation of Science (IFS) , B/3525-1, 2003-2006.
2. "Screening and identification of high reactivity and specificity antigen genes from *clonorchis sinensis*". National Natural Science Foundation of China (NSFC), NSFC30700600, 2008-2010.

C. Selected Peer-reviewed Publications (Selected from peer-reviewed publications since 2010)

[1] Liu XD, Wang XL, Bai X, Liu XL, **Wu XP**, Zhao Y, Sun SM, Yu L, Su XZ, Wang ZQ, Wang F, Liu MY. Oral administration with attenuated Salmonella encoding a Trichinella cystatin-like protein elicited host immunity. *Exp Parasitol*. 2014, 141:1-11. (IF=1.859)

[2] Sun Q, Liu X, Hao Y, Li Y, Bai X, Wang F, **Wu X**, Liu M.A misdiagnosis of clonorchiasis as gallstone, leading to an unnecessary cholecystectomy: a case report. *Am J Emerg Med*. 2014,32:1442.e3-e5. (IF=1.188)

[3] Liao C, Liu M, Bai X, Liu P, Wang X, Li T, Tang B, Gao H, Sun Q, Liu X, Zhao Y, Wang F, **Wu X**, Boireau P, Liu X. Characterisation of plancitoxin-1-like DNase II gene in Trichinella spiralis. *PLoS Negl Trop Dis*, 2014, 8(8):e3097. (IF=4.172)

[4] Liu P, **Wu X**, Liao C, Liu X, Du J, Shi H, Wang X, Bai X, Peng P, Yu L, Wang F, Zhao Y, Liu M. Escherichia coli and Candida albicans induced macrophage extrcellular trap-like structures with limitedmicrobicidal activity. PLoS One. 2014,9(2):e90042. (IF=3.534)

[5] **Wu XP**, Liu XL, Wang XL, Blaga R, Fu BQ, Liu P, Bai X, Wang ZJ, Rosenthal BM, Shi HN, Sandrine L, Vallee I, Boireau P, Wang F, Zhou XN, Zhao Y, Liu MY. Unique antigenic gene expression at different developmental stages of *Trichinella pseudospiralis*. *Vet Parasitol*, 2013, 194(2-4):198-201. (IF=2.642)

[6] Liu P, **Wu XP**, Bai X, Wang XL, Yu L, Rosenthal B, Blaga R, Lacour S, Vallee I, Boireau P, Gherman C, Oltean M, Zhou XN, Wang F, Zhao Y, Liu MY. Screening of early antigen genes of adult-stage *Trichinella spiralis* using pig serum from different stages of early infection. *Vet Parasitol*. 2013,194(2-4):222-5. (IF=2.642)

[7] Wang XL, Liu MY, Sun SM, Liu XL, Yu L, Wang XR, Chu LX, Rosenthal B, Shi HN, Boireau P, Wang F, Zhao Y, **Wu XP**. An anti-tumor protein produced by *Trichinella spiralis* induces apoptosis in human hepatoma H7402 cells. *Vet Parasito*l. 2013,194(2-4):186-188. (IF=2.642)

[8] Zhao Y, Liu MY, Wang XL, Liu XL, Yang Y, Zou HB, Sun SM, Yu L, Rosenthal B, Shi HN, Boireau P, **Wu XP**.

Modulation of inflammatory bowel disease in a mouse model following infection with *Trichinella spiralis*. *Vet Parasitol*. 2013,194(2-4):211-216. (IF=2.642)

[9] Fei Gao, Xiaolei Liu, **Xiuping Wu**, Xuelin Wang, Desheng Gong, Hanlin Lu, Yudong Xia, Yanxia Song, Junwen Wang, Jing Du, Siyang Liu, Xu Han, Yizhi Tang, Huanming Yang, Qi Jin, Xiuqing Zhang and Mingyuan Liu. Differential DNA methylation in discrete developmental stages of the parasitic nematode *Trichinella spiralis*. *Genome Biology*. 2012, 13(10):R100. (IF=9.04)

[10] Feng S, **Wu X**, Wang X, Bai X, Shi H, Tang B, Liu X, Song Y, Pascal B, Wang F, Zhao Y, Liu M. Vaccination of Mice with an antigenic serine protease-like protein elicits a protective immune response against *Trichinella spiralis* infection. *J Parasitol*. 2013 Jun;99(3):426-432.(IF=1.46)

[11] Xue Bai, **Xiuping Wu**, Xuelin Wang, Xiaolei Liu, Yanxia Song, Fei Gao, Yajuan Miao, Lu Yu, Bin Tang, Xinrui Wang, Blaga Radu, Isabelle Vallee, Pascal Boireau, Feng Wang, Ying Zhao, Mingyuan Liu. Inhibition of mammalian muscle differentiation by excretory secretory products of muscle larvae of *Trichinella spiralis* in vitro. *Parasitol Res*. 2012 Jun;110(6):2481-90. (IF=2.15)

[12] Wang X, Liu J, **Wu X**, Yu L, Chen H, Guo H, Zhang M, Li H, Liu X, Sun S, Zhao L, Zhang X, Gao L, Liu M. Oral immunisation of mice with a recombinant rabies virus vaccine incorporating the heat-labile enterotoxin B subunit of *Escherichia coli* in an attenuated *Salmonella* strain. *Res Vet Sci.* 2012, 93(2):675-81. (IF=1.76)

[13] Bai X, **Wu X**, Wang X, Guan Z, Gao F, Yu J, Yu L, Tang B, Liu X, Song Y, Wang X, Radu B, Boireau P, Wang F, Liu M. Regulation of cytokine expression in murine macrophages stimulated by excretory / secretory products from *Trichinella spiralis* in vitro. *Mol Cell Biochem*. 2011, 360(1-2):79-88(IF= 2.033)

[14] ShuMin Sun, XueLin Wang, **XiuPing Wu**, Ying Zhao, Feng Wang, XiaoLei Liu, YanXia Song, ZhiLiang Wu, MingYuan Liu. Toll-like receptor activation by *helminths* or *helminth* products to alleviate inflammatory bowel disease. *Parasit Vectors*. 2011,27(4):186. (IF=2.94)

[15] **X. P. Wu**, B. Q. Fu, X. L. Wang, S. Y. Yu, H. K. Deng, X. Y. Liu, P. Boireau, F. Wang, M. Y. Liu. Identification of antigenic genes in *Trichinella spiralis* by immunoscreening of cDNA libraries. *Vet Parasitol*, 2009,159(3-4):272-275. (IF=2.278)