
BIOGRAPHICAL SKETCH

NAME Wu, Xianfu Ph.D., D.V.M	POSITION TITLE: Service Fellow
eRA COMMONS USER NAME	Rabies/PRB/DVRD/CCID/CDC

EDUCATION/TRAINING:

INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
Nanjing Agricultural University, Vet School	DVM	7/85-7/90	Veterinary Medicine
Nanjing Agricultural University, Vet School	PhD	7/90-7/95	Molecular Virology
The University of Georgia	Postdoctoral	11/98-7/03	Molecular Virology

A. Positions and Honors**Positions and Employment**

General Secretary for Veterinary Microbiology Committee, Chinese Society for Microbiology,	1996-1998
Scientist, National Control Institute for Veterinary Drugs, Beijing, China,	1995-1998
Postdoctoral research fellow, the University of Georgia, GA,	1998-2003
Service fellow, Rabies/DVRD/CCID, Centers for Disease Control and Prevention, GA	2003-present

Honors

Member of PHI ZETA, National Society of Veterinary Medicine	2000 to present
Member of American Society for Virology	1999 to present
Committee on Veterinary Microbiology, Chinese Society for Microbiology General Secretary	1996-1998
National Control Institute for Veterinary Biologics & Pharmaceuticals Academic Committee member	1997-1998
Chinese Ministry of Agriculture Expert panelist	1998-1999
Chinese Journal of Veterinary Biologics & Pharmaceuticals Expert panelist	1996-1998

B. Selected peer-reviewed publications

- Liu Y, Zhang S, **Wu X** et al., Ferret badger rabies origin and its revisited importance as potential source of rabies transmission in Southeast China. *BMC Infectious Disease* 10: 234, 2010.
- Meng S, Xu G, **Wu X** et al., Transmission dynamics of rabies in China over the last 40 years: 1969-2009. *Journal of Clinical Virology* 49, 47-52, 2010.
- Wu X**, Franka R, Svoboda P, Pohl J, and Rupprecht CE. Development of combined vaccine for rabies and immunocontraception. *Vaccine* 27, 7202-7209, 2009.
- Franka R, **Wu X**, Jackson FR et al., Rabies virus pathogenesis in relationship to intervention with inactivated and attenuated rabies vaccines. *Vaccine* 27, 7149-7155, 2009.
- Osinubi MO, **Wu X**, Franka R et al., Enhancing comparative rabies DNA vaccine effectiveness through glycoprotein gene modifications. *Vaccine* 27, 7214-7218, 2009.
- Wu X**, Hu R, Zhang Y et al., Reemerging rabies and lack of systemic surveillance in People's Republic of China. *Emerg Infect Dis* 15, 1159-1164.2009
- Zhang S, Tang Q, **Wu X** et al., Rabies in ferret badgers, southeastern China. *Emerg Infect Dis*. 15, 946-949. 2009.
- Wu X** and Rupprecht CE. Glycoprotein gene relocation in rabies virus. *Virus Research*, 131, 95-99. 2008.
- Kuzmin IV, **Wu X**, Tordo N, and Rupprecht CE. Complete genomes of Aravan, Khujand, Irkut and West Caucasian bat viruses, with special attention to the polymerase gene and non-coding regions. *Virus Research* 136; 81-90. 2008.
- Wu X**, Franka R, Velaso-Villa A, and Rupprecht CE. Are all lyssavirus genes equal for phylogenetic analyses? *Virus Research*, 129, 91-103. 2007.
- Liu P, Yang J, **Wu X** and Zhen F. Fu. Interactions among rabies virus nucleoprotein, phosphoprotein and genomic RNA in virus-infected and transfected cells. *Journal of General Virology*, 85, 3725-3734, 2004.
- Wu X**, Lei X and Zhen F. Fu. Rabies virus nucleoprotein is phosphorylated by cellular casein kinase II. *Biochemical and Biophysical Research Communications*, 304, 333-338, 2003.
- Wu X**, Gong X, Foley HD, Schnell MJ and Zhen F. Fu. Both viral transcription and replication are reduced when the rabies virus nucleoprotein is not phosphorylated. *Journal of Virology*, 76, 4153-4161. 2002.
- Lee CY, Briggs DJ, **Wu X**, Davis RD, Moore SM, Gordon C, Xiang Z, Ertl HC, Tang decc, Fu ZF. Induction of protective immunity by topic application of a recombinant adenovirus expressing rabies virus glycoprotein. *American Veterinary Microbiology*, 85, 295-303, 2002.