

Biographical Sketch

Provide the following information for the key personnel in the order listed for Form Page 2.

Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Jianwu Pei		POSITION TITLE Assistant Research Scientist, Veterinary Pathobiology, College of Veterinary Medicine, Texas A&M University	
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
Agricultural University of Hebei, Baoding, China	D.V.M.	1986	Veterinary Medicine
China Agricultural University. Beijing, China	M.S.	1994	Vet. Microbiology and Immunology
China Agricultural University. Beijing, China	Ph.D.	1996	Vet. Microbiology and Immunology

NOTE: The Biographical Sketch may not exceed four pages. Items A and B may not exceed two of the four-page limit.**A. Positions and Honors.** List in chronological order previous positions, concluding with your present position. List any honors. Include present membership on any Federal Government public advisory committee.**PROFESSIONAL EXPERIENCE:**

1986 – 1991 Lecturer, Zhangjiakou Agricultural College, China
 1996 – 1998 Assistant Research Professor, Head of Division of Swine Viral Diseases, Department of Virology, National Institute of Veterinary Drug Control, Beijing, China
 1998 – 2003 Postdoctoral Research Associate, Department of Veterinary Pathobiology, College of Veterinary Medicine, Texas A&M University
 2003 – present Assistant Research Scientist, Department of Veterinary Pathobiology, College of Veterinary Medicine, Texas A&M University

HONORS AWARDS, AND SPECIAL RECOGNITION:

2000 Travel Award, American Society for Virology
 1999 Travel Award, American Society for Virology
 1996 Excellent Research Award, Chinese Association of Animal Husbandry and Veterinary Medicine
 1994 Excellent Avian Disease Research Paper, Chinese Association of Poultry Health
 1983 Outstanding Student, Agricultural University of Hebei

B. Selected (>180) peer-reviewed publications (in reverse chronological order). Do not include publications submitted or in preparation.

1. **Jianwu Pei**, Joshua E. Turse, Qingmin Wu, and Thomas A. Ficht. (2006). *Brucella abortus* rough mutants induce macrophage oncosis that requires bacterial protein synthesis and direct interaction with the macrophage. *Infection and Immunity*. 75(5): 2667-2675.
2. Qingmin Wu, **Jianwu Pei**, Carol Turse, and Thomas A. Ficht. (2006). Marinar mutagenesis of *Brucella melitensis* reveals genes with previously uncharacterized roles in virulence and survival. *BMC Microbiology*. 6:102.
3. **Jianwu Pei**, and Ellen W. Collisson. (2005). Specific antibody secreting cells from chickens can be detected by three days and memory B cells by three weeks post-infection with the avian respiratory coronavirus. *Developmental & Comparative Immunology*. 29:153-160.
4. **Jianwu Pei**, and Thomas A. Ficht. (2004). *Brucella abortus* rough mutants are cytopathic for macrophages in culture. *Infection and Immunity*. 72(1): 440-450.
5. **Jianwu Pei**, W. Elwood Briles, and Ellen W. Collisson. (2003). Memory T cells protect chicks from acute infectious bronchitis virus infection. *Virology*. 306: 376-384.
6. Qingmin Wu, **Jianwu Pei**, Kaidong Wang, Tianshui Zhang, Hua Zhang, and Zhongzhi Zhang. (2002). Immunopetency assay of several attenuated vaccines against Newcastle disease. *Chinese Journal of Veterinary Medicine* 38(5): 12-13.
7. **Jianwu Pei**, Margaret J. Sekellick, Philip I. Marcus, In-Soo Choi, and Ellen W. Collisson. (2001). Chicken interferon type-I inhibits infectious virus bronchitis virus replication and associated respiratory illness. *Journal of Interferon and Cytokine Research*. 21: 1071-1077.
8. Ellen W. Collisson, Sang Heui Seo, Jennifer Dzielawa, W. Elwood Briles, and **Jianwu Pei**. (2001). Syngeneic CD8+ T lymphocytes protect chicks from acute infectious bronchitis viral infection and respiratory illness. In *Current Progress on Avian Immunology Research* (Edited by K. A. Schat) pp. 220-225.
9. **Jianwu Pei**, Margaret J. Sekellick, Philip I. Marcus, In-Soo Choi, and Ellen W. Collisson. (2001). Chicken interferon type-I inhibits infectious virus bronchitis virus (IBV) replication. In *Current Progress on Avian Immunology Research* (Edited by K. A. Schat) pp. 253-257.

10. Qingmin Wu, **Jianwu Pei**, Suying Wang, Jingliang Su, and Zhongzhi Zhang. (2001). Efficacy of attenuated Mycoplasma gallisepticum and inactivated Mycoplasma gallisepticum oil emulsion vaccine in young chicken. Chinese Journal of Veterinary Medicine 37(4): 40-41.
11. Ellen W. Collisson, **Jianwu Pei**, Jennifer Dzielawa, and Sang Heui Seo. (2000). Cytotoxic T lymphocytes are critical in the control of infectious bronchitis virus in poultry (review). Development and Comparative Immunology 24, 187-200.
12. Sang Heui Seo, **Jianwu Pei**, W. Elwood Briles, Jennifer Dzielawa, and Ellen W. Collisson. (2000). Adoptive transfer of infectious bronchitis virus primed $\alpha\beta$ T cells bearing CD8 antigen protect chicks from acute infection. Virology 269, 183-189.