Hsieh, Ming -Kun

Associate Professor
Professional specialty: Animal Virology, Vaccinology, Avian diseases
Courses Taught:
Undergraduate: Avian diseases
Graduate: Advanced Microbiology, Advanced Clinical Virology, Cytokines, Advanced Vaccine Technology
Tel: o4-22840840, 04-22840894 ext 607
E-mail：mhsieh@nchu.edu.tw

Educational Background

Ph.D, Purdue University, School of Veterinary Medicine, Department of Comparative Pathobiology

Master, University of Nebraska-Lincoln, Department of Veterinary and Biomedical Science

BS, National Chung Hsin University, Department of Veterinary Medicine

Current Position and Professional Career

Associate Professor, Graduate Institute of Microbiology and Public health, National Chung Hsing University (2015-Present)

Assistant professor, Graduate Institute of Microbiology and Public health, National Chung Hsing University (2007-2015)

Postdoctoral, Dept. of Comparative Pathobiology, School of Veterinary Medicine, Purdue University (2005-2007)

Technician, Animal Disease Diagnostic Laboratory of Indiana state, USA (1997-1998) Veterinarian, Te-Yih Pet Hospital, Taipei, Taiwan (1992-1993)

Selected Publications Journal

1. **Hsieh, M.K.**, T.L. Lin, and C.C. Wu. DNA-mediated vaccination conferring protection againstinfectious bursal disease in broiler chickens in the presence of maternal antibody. Vaccine 28: 3936-3943, 2010. (SCI)
2. **Hsieh, M.K.**, T.L. Lin, and C.C. Wu. Priming with DNA vaccine and boosting with killedvaccine conferring protection of chickens against infectious bursal disease. Vaccine 25: 5417-5427, 2007. (SCI)
3. **Hsieh, M.K.**, T.L. Lin, and C.C. Wu. The effect of co-administration of DNA carrying chicken interferon-g gene on protection of chickens against infectious bursal disease by DNA-mediated vaccination. Vaccine 24: 6955-6965, 2006. (SCI)
4. Harris, N.B., Zinnial, D.K., **Hsieh, M.K.**, Cirillo, J.D. and Barletta, R.G. Cell sorting of Formalin-treated pathogenic Mycobacterium paratuberculosis expressing GFP. Biotechniques 32: 522-27, 2002. (SCI)

5. Loa, C.C., **Hsieh, M.K.**, Wu, C.C. and Lin, T.L. Molecular identification and characterization of turkey IFN-g. Comparative Biochemistry and Physiology Part B 130: 579-84, 2001. (SCI)

Conference

1. **Hsieh, M.K.**, C.C. You, and C.J. Huang. The Effects of the Calreticulin on the Immune Response Induced by DNA Vaccine Containing the Classical Swine Fever Virus E2 Gene in Mouse Model. The 13th Annual Meeting of American Society of Gene & Cell Therapy. Washington DC, USA. May 19-22, 2010.
2. **Hsieh, M.K.**, T.W. Feng, T.L. Lin, and C.C. Wu. A combination of chicken carlreticulin gene and infectious bursal disease virus large segment gene in DNA vaccination against infectious bursal disease. The 20th Annual Phi Zeta Research Day. Purdue University, West Lafayette, Indiana; April 2, 2007
3. **Hsieh, M.K.**, T.L. Lin, and C.C. Wu. A prime-boost approach to enhance DNA vaccination-mediated protection against infectious bursal disease. The 58th North Central Avian Disease Conference and Symposium on Lessons Learned from AI preparation. St. Paul, Minnesota; March 11-13, 2007 (Oral)
4. **Hsieh, M.K.**, T.L. Lin, and C.C. Wu. DNA vaccination conferring protection of broiler chickens against infectious bursal disease in the presence of maternal antibody. The 18th Annual Phi Zeta Research Day. Purdue University, West Lafayette, Indiana; April 5, 2005
5. **Hsieh, M.K.**, T.L. Lin, and C.C. Wu. The effect of chicken Interleukin-2 on protection of chickens against infectious bursal disease by DNA vaccination. The 55th Annual of North Central Avian Disease Conference and Symposium. Ames, Iowa; October 3-5, 2004 (Oral)
6. **Hsieh, M.K.**, T.L. Lin, and C.C. Wu. Protection of chickens against infectious bursal disease by priming with DNA and boosting with killed vaccine. The 17th Annual Phi Zeta Research Day. Purdue University, West Lafayette, Indiana; April 5, 2004
7. **Hsieh, M.K.**, T.L. Lin, and C.C. Wu. The effect of chicken IFN-g on protection of chickens against infectious bursal disease by DNA vaccination. The 15th Annual Phi Zeta Research Day. Purdue University, West Lafayette, Indiana; April 1, 2002

Updated: 2015/08/01