



Deshi Shi is a professor in the college of veterinary medicine and animal science. Before taking the position at Huazhong agricultural university, she worked as a postdoctor and visit scholar at the University of Rhode Island from 2005 to 2011. She received a Ph.D. degree from Huazhong Agricultural University in 2003 and B.S. and M.S. degrees in Veterinary medicine from Huazhong Agricultural University in 1990 and 1997, respectively. Her current research aims at the application of probiotics and understanding the benefit mechanism of probiotics, and drug metabolic enzyme are her another research field, in which her mainly focuses on PLE regulation of drug therapeutic effects and inflammation in swine.

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Education Background

Huazhong agricultural University, Wuhan, Hubei, China

Sc. D. in Cell Biology, Dec 2003

Dissertation: “Construction of cell lines expressing gD gene of pseudorabies virus Ea strain and pathological studies on the piglets artificially infected by pseudorabies virus Ea strain” (Advisor: Shengyin lan and Huanchun Chen)

Huazhong agricultural University, Wuhan, Hubei, China

Ag.M. Veterinary Microbiology and Immunology, Jun 1997

Thesis: “Studies on the ELISA methods for detection of chloramphenicol residues in animal derived food ” (Advisor: Guizi Wang)

Huazhong agricultural University, Wuhan, Hubei, China

VSc.B. veterinary medicine, Jun 1997

Experience

Professor, college of veterinary medicine and animal science, Huazhong agricultural university, 2015-now

Associate Professor, college of veterinary medicine and animal science, Huazhong agricultural university, 2003-2014

Visit scholar, Department of Biomedical and Pharmaceutical Sciences, University of Rhode Island, 2009-2011

Postdoctoral Researcher, Department of Biomedical and Pharmaceutical Sciences, University of Rhode Island, 2005-2008

Concurrent Academic

Member of Chinese society of animal husbandry and veterinary medicine

Areas of Research Interests/ Research

Projects Areas of Research Interests/ Research Projects

Her current research aims at beneficial microorganism breeding, probiotic mechanism and understanding innate immune regulation mechanism.

Specifically:

exploring the benefit mechanism of beneficial microorganism, especially the regulation pathway for inflammatory cytokines;

Screening and breeding of the outstanding beneficial microorganism;

Recombinant expression of protective pathogen gene in beneficial microorganism;

in vivo and in vitro model exploring of the correlation mechanism of PLE among PLE, cannabinoids and inflammation mediators.

Honors And Awards

1. "Teaching and educating awards" for graduate tutors, 2013
2. The second prize of technical invention in Education Ministry of China, 2008
3. The first prize of scientific and technological progress in Hubei, China, 2010
4. The second prize of science and technology progress in Wuhan, China, 2009

