

Yin Jigang

Professor

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SHORT BIOGRAPHY:

Dr. Yin obtained B.S. (1992, Veterinary), M.S. (1996, Protozoology) and Ph.D (2003, Protozoology) degrees from Changchun Agriculture University, China. In 2009, as a postdoctoral fellow, he joined Prof Wenbin Tuo' s group in Beltsville institute of USDA. He joined protozoology department in Key Lab of Zoonosis of Jilin university and educational bureau of China. He was a Key member of Distinguished Professor Qijun Chen' s group in 2006-2014. He was a key member of Distinguished Professor Guan Zhu' s group since 2018. He has published more than 40 papers in SCI or Chinese core journals. He has presided over five NSFC projects and participated 3 National key R&D program of China since 2004. He has obtained four authorized national invention patents.

RESEARCH INTERESTS :

- Dr. Yin' s research mainly focuses on *Cryptosporidium* and some other parasites. His research interests include molecular mechanism of parasite invasion and parasite-host interactions.

SELECTED PUBLICATIONS :

- Liu G, Su Y, Zhou M, Zhao J, Zhang T, Ahmad W, Lu H, Jiang N, Chen Q, Xiang M, Yin J*. Prevalence and molecular characterization of *Giardia duodenalis* isolates from dairy cattle in northeast China. *Exp Parasitol*. 2015 Jul;154:20-24.
- Yin JG, Liu XY, Wang B, Wang DY, Wei M, Fang H, Xiang M. Gene expression profiling analysis of ovarian cancer. *Oncol Lett*. 2016 Jul;12(1):405-412. Zhu G,
- Yin J, Qu G, Cao L, Li Q, Fetterer R, Feng X, Liu Q, Wang G, Qi D, Zhang X, Miramontes E, Jenkins M, Zhang N, Tuo W. Characterization of *Neospora caninum* microneme protein 10 (NcMIC10) and its potential use as a diagnostic marker for neosporosis. *Vet Parasitol*. 2012 Jun 8;187(1-2):28-35
- Shuai Peng , Jigang Yin, Xiaolei Liu , Boyin Jia, Zhiguang chang , Huijun Lu, Ning Jiang , Qijun Chen. First insights into the microbial diversity in the omasum and reticulum of bovine using Illumina sequencing. *J Appl Genet*. 2015 Aug; 56(3): 393-401
- Chang Z, Jiang N, Zhang Y, Lu H, Yin J, Wahlgren M, Cheng X, Cao Y, Chen Q. The TatD-like DNase of *Plasmodium* is a virulence factor and a potential malaria vaccine candidate. *Nat Commun*. 2016 May 6;7:11537.

AWARDS:

- "Study on immune avoidance and pathogenesis of *Plasmodium Falciparum* and *Schistosoma Japonicum*" . The first prize of Science and Technology of Jilin Province.2014 (The third winner)
- "Diagnosis and immunological control of cryptosporidiosis in animals and humans" . The second prize of Science and Technology of Jilin Province.2013 (The third winner)