

Ziyao Zhou

PhD candidate in Veterinary Clinical Medicine
Certified veterinary surgeon of China

Phone number: (+1) 217-693-8245
Email address: zhouziyao988@gmail.com
Website: ziyao.science

Current research interest: Mammal metagenomics and transcriptome

PROFESSIONAL SKILLS

Bioinformatics: using Linux and R package for metagenomics and transcriptome

Molecular biology: PCR, Transformation, Western Blot, Flow Cytometry, Real-time PCR

Veterinary Clinical skills: Expert abdominal and orthopedic surgical skills for small animals

EDUCATION

2015.09 – now Visiting PhD student in Veterinary Clinical Medicine, University of Illinois at Urbana-Champaign
2014.09 – now PhD candidate in Veterinary Clinical Medicine, Sichuan Agricultural University
2011.09 – 2014.06 Master in Veterinary Clinical Medicine, Sichuan Agricultural University
2006.09 – 2011.06 Bachelor in Veterinary Medicine (major), Huazhong Agricultural University
2009.02 – 2011.06 Bachelor in German (minor), Huazhong University of Science and Technology

INTERNSHIPS

2013.09 – 2014.06 Laboratory Assistant & Bioinformatics Trainee, ABLife Inc. Wuhan, China
2011.09 – 2015.01 Intern Veterinarian, Teaching Animal Hospital of Sichuan Agricultural University, Ya'an, China
2012.09 – 2012.10 Intern Veterinarian, Nineteenth Ranch, Mengniu Dairy CO., Ltd, Meishan, China
2009.04 – 2009.06 Intern, Shandong Lvdu Bio-Science & Technology Co., Ltd, Binzhou, China

SELECTED PUBLICATIONS & PROCEEDINGS

Ziyao Zhou, Xiaoxiao Zhou, Jin Li, *et al.* Transcriptional regulation and adaptation to a high-fiber environment in *Bacillus subtilis* HH2 isolated from feces of the giant panda. *PloS one*. 2015, 10(2): e0116935.
Ziyao Zhou, Xiaoxiao Zhou, Zhijun Zhong, *et al.* Investigation of antibacterial activity of *Bacillus* spp. isolated from the feces of Giant Panda and characterization of their antimicrobial gene distributions. *World Journal of Microbiology and Biotechnology*. 2014, 30(12): 3129-3136.
Ziyao Zhou, Fabio S. Lima, Tianliang Tang, *et al.* Characterization of the fecal microbiome of Chinese Holstein during the transition period. In: *The 7th annual Illinois Symposium on Reproductive Sciences*. Urbana-Champaign, IL, USA, October 2015.
Ziyao Zhou, Xiaoxiao Zhou, Zhijun Zhong, *et al.* Transcriptional regulation in high-fiber environment of *Bacillus subtilis* HH2 isolated from feces of Giant Panda. In: *The Sixth National Conference on Bioinformatics and Systems Biology and International Workshop on Advanced Bioinformatics*. Nanjing, China, October 2014.