


CURRICULUM VITAE

Personal Information			
Name	Jiakui Li	Gender	Male
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Research Interest			
<p>My research interests are mainly belonging to the validation and application for latest treatment options with the aim of understanding infection dynamics across spatial scales and the impacts of control efforts. The direction of my research is the molecular mechanism of common animal diseases, e.g. metabolism and poisoning diseases in livestock and poultry sector. While my key research projects are about intestinal probiotics, parasitic, and skin diseases of the highland yak and tibial chondrodysplasia in broiler chickens.</p>			
Education & Working Experience			
Education Experience <p>1986.09-1990.06, Anhui University of Science and Technology, graduated from Veterinary Medicine. Bachelor of agriculture</p> <p>1996.09-1999.06, Nanjing Agricultural University, graduated from veterinary science. Master of agriculture</p> <p>2001.09-2004.06, Jilin University, graduated from veterinary science. Doctor of agriculture</p> Working Experience <p>2001.10-now, Professor of Huazhong Agricultural University, deputy director of the Department of Clinical Veterinary Medicine, and doctoral supervisor.</p> <p>2007-2010, Tibet Agriculture and Animal Husbandry College (the fifth batch of aid to Tibet), College of Animal Science and Technology, Vice dean</p> <p>2013-2019, Tibet Academy of Agriculture and Animal Husbandry (the sixth and seventh batches of aid to Tibet), College of Animal Science and Technology, Vice dean</p> <p>2019-now, Professor of Huazhong Agricultural University, deputy director of the Department of Clinical Veterinary Medicine, Vice dean</p>			
Publications			

SCI papers (2017-2020)

1. Zhang H, Rehman MU, Li K, Luo H, Lan Y, Nabi F, Zhang L, Iqbal MK, Zhu S, Javed MT, Chamba Y, Li JK. Epidemiologic Survey of Japanese Encephalitis Virus Infection, Tibet, China, 2015. *Emerging Infectious Diseases*, 2017, 23(6):1023.
2. Li K, Lan Y, Luo H, Shahzad M, Zhang H, Wang L, Zhang L, Liu D, Liu X, Hao Y, Sizhu S, Li J. Prevalence of three *Oesophagostomum* spp. from Tibetan Pigs analyzed by Genetic Markers of nad1, cox3 and ITS1. *Acta Parasitologica*, 2017, 62(1):90-96.
3. Zhang H, Luo H, Ur Rehman M, Nabi F, Li K, Lan Y, Huang S, Zhang L, Mehmood K, Shahzad M, Li J.. Evidence of JEV in *Culex tritaeniorhynchus* and pigs from high altitude regions of Tibet, China. *Journal of Vector Borne Diseases*, 2017, 54(1):69.
4. Zhang L, Li K, Huang S, Liu D, Rehman MU, Lan Y, Zhang H, Wang L, Hao Y, Iqbal MK, Mehmood K, Chamba Y, Li. Seroprevalence and risk factors associated with hepatitis E virus infections among people and pigs in Tibet, China. *Acta Tropica*, 2017, 172:102.
5. Li K, Luo H, Zhang H, Mehmood K, Shahzad M, Zhang L, Li J. Analysis of the internal transcribed spacer region of *Ascaris suum* and *Ascaris lumbricoides* derived from free range Tibetan pig. *Mitochondrial Dna Part A Dna Mapping Sequencing & Analysis*, 2017:1-5
6. Luo H, Zhang H, Li K, Rehman MU, Mehmood K, Lan Y, Huang S, Li J.. Epidemiological Survey and Phylogenetic Characterization of *Cysticercus tenuicollis* Isolated from Tibetan Pigs in Tibet, China. *Biomed Research International*, 2017,7857253.
7. Mehmood, K., Zhang, H., Li, K., Wang, L., Rehman, M. U., & Nabi, F., et al. Effect of tetramethylpyrazine on tibial dyschondroplasia incidence, tibial angiogenesis, performance and characteristics via hif-1 α /vegf signaling pathway in chickens. *Scientific Reports*, 2018. 8(1), 495.
8. Li K, Wang M, Zhang H, Lei Z, Zhang L, Luo H, Qiu G, Mehmood K, Shahzad M, Li J. Epidemiology of *Toxoplasma gondii* infection in native Tibetans in Tibet, China. *Acta Parasitologica*, 2017, 62(3):529-532.
9. Qiu G, Rui Y, Li K, Huang S, Han Z, Wang X, Jiang W, Luo H, Lan Y, Li J. Detection and phylogenetic analysis of *Mycoplasma hyopneumoniae* from Tibetan pigs in western China. *Tropical Animal Health & Production*, 2017, 49(7):1545-1551.
10. Luo H , Zhang H, Li K, Lan Y, Shahzad M, Wang X, Khalid, M, Mujeeb R, Huang S, Li, J. Molecular characterization of ascaris from Tibetan pigs by three mitochondrial markers of nad1, cox1 and cox2. *Tropical Biomedicine*, 2017.
11. Wang L, Zhang H, Rehman MU, Mehmood K, Jiang X, Iqbal M, Tong X, Gao X, Li J. Antibacterial activity of *Lactobacillus plantarum*, isolated from Tibetan yaks. *Microbial Pathogenesis*, 2018:293 – 298.
12. Zhang H, Dong H, Mehmood K, Li K, Nabi F, Chang Z, Rehman MU, Ijaz M, Wu Q, Li J. Physiological variations among blood parameters of domestic cats at high- and low-altitude regions of China. *Archives of physiology and biochemistry* ,2018:1.
13. Huang, S., Rehman, M. U., Qiu, G., Luo, H., Iqbal, M. K., & Zhang, H., et al. Tibial dyschondroplasia is closely related to suppression of expression of hypoxia-inducible factors 1 α , 2 α , and 3 α in chickens. *Journal of Veterinary Science*, 2018, 19(1), 107-115.
14. Huang, S. C., Zhang, L. H., Zhang, J. L., Rehman, M. U., Tong, X. L., & Qiu, G., et al. Role and regulation of growth plate vascularization during coupling with osteogenesis in tibial dyschondroplasia of chickens. *Scientific Reports*,2018, 8(1), 3680.
15. Tong, X., Rehman, M. U., Huang, S., Jiang, X., Zhang, H., & Jia, K. L. Comparative analysis of gut microbial community in healthy and tibial dyschondroplasia affected chickens

by high throughput sequencing. *Microbial Pathogenesis*, 2018, 118, 133-139.

16. Wu, Q., Zhang, H., Dong, H., Mehmood, K., Chang, Z., & Li, K., et al. Seroprevalence and risk factors associated with pseudorabies virus infection in Tibetan pigs in Tibet. *Bmc Veterinary Research*, 2018,14(1), 25.

17. Xiong Jiang, Hui Zhang, Mehmood Khalid, Jiakui Li, et al. Protective effects of *Herpetospermum caudigerum* extracts against liver injury induced by carbon tetrachloride in mouse. *Journal of Biological Regulators & Homeostatic Agents*. 2018.

18. Li K, Shahzad M, Zhang H, Mehmood K, Jiang X, Luo H, Zhang L, Dong X, Li J. Characterization of the complete mitochondrial genome of *Metastrongylus salmi* (*M. salmi*) derived from Tibetan pigs in Tibet, China. *Acta Parasitol.* 2018;63(2), 280-286.

19. Li K, Mehmood K, Zhang H, Jiang X, Shahzad M, Dong, X., et al. Characterization of fungus microbial diversity in healthy and diarrheal yaks in Gannan region of Tibet autonomous prefecture. *Acta Tropica*, 2018, 182, 14-26.

20. Li K, Shahzad M, Zhang H, Jiang X, Mehmood K, Zhao X, Li J. Socio-economic burden of parasitic infections in yaks from 1984 to 2017 on Qinghai Tibetan Plateau of China-A review. *Acta Trop.* 2018; 183,103-109.

21. Huang, S. C., Zhang, L. H., Zhang, J. L., Rehman, M. U., Tong, X. L., & Qiu, G., et al.. Role and regulation of growth plate vascularization during coupling with osteogenesis in tibial dyschondroplasia of chickens. *Scientific Reports*, 2018, 8(1), 3680.

22. Zhang, H., Mehmood, K., Li, K., Rehman, M. U., Jiang, X., & Huang, S., et al. Icariin ameliorate thiram-induced tibial dyschondroplasia via regulation of wnt4 and vegf expression in broiler chickens. *Frontiers in Pharmacology*, 2018, 9, 123.

23. Iqbal M, Zhang H, Mehmood K, Li A, Jiang X, Wang Y, Zhang J, Iqbal MK, Rehman MU, Yao W, et al. Icariin: a Potential Compound for the Recovery of Tibial Dyschondroplasia Affected Chicken Via Up-Regulating BMP-2 Expression. *Biological Procedures Online*. 2018; 20:15. doi:10.1186/s12575-018-0080-y

24. Yao W, Zhang H, Jiang X, et al. Effect of Total Flavonoids of *Rhizoma drynariae* on Tibial Dyschondroplasia by Regulating BMP-2 and Runx2 Expression in Chickens. *Frontiers in Pharmacology*. 2018; 9:1251.

25. Waqas M, Wang Y, Li A, Qamar H, Yao W, et al. Osthole: a coumarin derivative assuage thiram-induced tibial dyschondroplasia by regulating bmp-2 and runx-2 expressions in chickens. *antioxidants*. 2019; 8(9):330. doi:10.3390/antiox8090330

26. MFA Kulyar, Li R, Mehmood K, Waqas M, Li K, and Li J. "Potential influence of *Nagella sativa* (Black cumin) in reinforcing immune system: A hope to decelerate the COVID-19 pandemic." *Phytomedicine* ,2020: 153277.

27. Yao W, Zhang H, Fakhar-E-Alam Kulyar M, et al. Effect of total flavonoids of *Rhizoma Drynariae* in thiram induced cytotoxicity of chondrocyte via BMP-2/Runx2 and IHH/PTHrP expressions. *Ecotoxicology and Environmental Safety*. 2020; 206:111194.

28. MFA Kulyar, Yao W, Ding Y, Li K, Zhang L, et al. "Bioactive potential of yak's milk and its products; pathophysiological and molecular role as an immune booster in antibiotic resistance." *Food Bioscience*, 2020: 100838.

Books

Chinese Yak (ZHONGGUO MAO NIU)

Publishing house: Sichuan Science Press

Editor-in-Chief: Luo Xiaolin

Deputy Editor: Li Jiakui

