

Assistant Researcher SUN Yujia

College	College of Animal Science & Technology
Current Position	Assistant Researcher
Types of Tutor	Master Tutor
Language	Chinese/English
Education	Sept. 2013~Jun. 2018, College of Animal Science and Technology, Northwest A&F University, China, Major in Animal Genetics, Breeding and Reproduction; Jan. 2016 ~ Jan. 2018, Visiting Scholar (Joint Ph.D.), Molecular Medicine, The Scripps Research Institute, California, USA.
Research Interests	Animal functional genomics and epigenetics: Molecular mechanisms of the development of cow mastitis; Molecular mechanisms of muscle growth and development of cattle.
Selected Publications	中文： 英文： Sun, Yujia ; Liu, Kunpeng; Huang, Yongzhen; Lan, Xianyong; Chen, Hong. Differential expression of FOXO1 during development and myoblast differentiation of Qinchuan cattle and its association analysis with growth traits. <i>Science China. Life sciences.</i> 2018, 61(7): 826–835. Yujia Sun ; Xianyong Lan; Chuzhao Lei; Chunlei Zhang; Hong Chen. Haplotype combination of the bovine CFL2 gene sequence variants and association with growth traits in Qinchuan cattle. <i>Gene.</i> 2015, 563(2): 136-141. Sun, Yujia ; Xue, Jing; Guo, Wenjiao; Li, Mingxun; Huang, Yongzhen; Lan, Xianyong; Lei, Chuzhao; Zhang, Chunlei; Chen, Hong. Haplotypes of bovine FoxO1 gene sequence variants and association with growth traits in Qinchuan cattle. <i>Journal of Genetics.</i> Yujia Sun , Yongzhen Huang, Xianyong Lan, Hong Chen. MiR-92/182/183 family suppresses differentiation

	<p>of myoblasts by targeting CFL1 and CFL2 in skeletal muscle development. (In process).</p> <p>Yujia Sun, Kunpeng Liu, Bo Li, Yongzhen Huang, Xianyong Lan, Hong Chen. Association of DNA Methylation Levels with Tissue-specific Expression of CFL1 gene and CFL2 Gene in Longissimus dorsi Muscle of Qinchuan Cattle. (In process).</p> <p>Yujia Sun, Jonathan R. Hart, Ueno Lynn, Hong Chen, Peter K. Vogt. PI3-kinase drive LncRNA FER1L4 regulate PTEN expression through competitive binding miR-106a-5p and miR-18a-5p. (In process).</p> <p>Yujia Sun, Jonathan R. Hart, Peter K. Vogt. LncRNA CASC19, which could serve as an important biomarker of mTOR inhibitors, promotes c-MYC expression in breast cancer cells. (In process).</p> <p>Sun X#, Li M#, Sun Y, Cai H, Li R, Wei X, Lan X, Huang Y, Lei C, Chen H. The developmental transcriptome landscape of bovine skeletal muscle defined by Ribo-Zero ribonucleic acid sequencing. Journal of Animal Science. 2015, 93(12): 5648-5658.</p>
Email	ysunshine@yzu.edu.cn