

Associate Professor LIN Miao

College	College of Animal Science & Technology
Current Position	Associate Professor
Types of Tutor	Master Tutor
Language	Chinese/English
Education	China Agricultural University, PhD
Research Interests	Rumen microbiology
Selected Publications	<p>(1) M. Lin, D. M. Schaefer, W. S. Guo, L. P. Ren and Q. X. Meng. Comparisons of In vitro Nitrate Reduction, Methanogenesis, and Fermentation Acid Profile among Rumen Bacterial, Protozoal and Fungal Fractions. <i>Asian-Australasian Journal of Animal Science</i> 2011, 24(4) : 471 – 478.</p> <p>(2) M. Lin, D. M. Schaefer, G. Q. Zhao and Q. X. Meng. Effects of nitrate adaptation by rumen inocula donors and substrate fiber proportion on in vitro nitrate disappearance, methanogenesis, and rumen fermentation acid. <i>Animal</i>, 2013, 7(7): 1099–1105..</p> <p>(3) M. Lin, W. S. Guo, Q. X. Meng, D. M. Stevenson, P. J. Weimer, D. M. Schaefer. Changes in rumen bacterial community composition in steers in response to dietary nitrate. <i>Applied Microbiology and Biotechnology</i>, 2013, 97:8719–8727.</p> <p>(4) Miao Lin, Xiaoxia Dai, Paul J. Weimer. Shifts in fermentation end products and bacterial community composition in long-term, sequentially transferred in vitro ruminal enrichment cultures fed switchgrass with and without ethanol as a co-substrate. <i>Bioresource Technology</i>, 2019, 285.</p>
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