

Professor GENG Tuoyu

College	College of Animal Science & Technology
Current Position	Professor
Types of Tutor	Doctoral Tutor
Language	Chinese/English
Education	<p>B.S. (1985.9-1989.7) Animal science, Yangzhou University, Yangzhou, Jiangsu, China</p> <p>M.S. (1989.9-1992.7) Animal breeding and genetics, Yangzhou University, Yangzhou, Jiangsu, China</p> <p>Visiting Scholar (2002.8-2005.7) Comparative Genomics Lab, Department of Animal and Poultry Sciences, Virginia Tech, Blacksburg, VA, USA</p> <p>Ph.D. (2005.8-2007.5) Animal Genetics and Genomics, Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, VA, USA</p> <p>Postdoc (2007.6-2008.12) Department of Medicine, Duke University, Durham, NC, USA</p> <p>Postdoc (2009.1-2009.12) Department of Medicine, University of Virginia, Charlottesville, VA, USA</p> <p>Postdoc (2010.1-2013.4) Department of Biochemistry and Molecular Biology, Medical University of South Carolina, Charleston, SC, USA</p>
Research Interests	<ol style="list-style-type: none">1. Identification of genetic markers and functional mutations for animal traits.2. Study on the molecular basis of animal traits and the function of genes.3. Study on the mechanism underlying nonalcoholic fatty liver and the mechanism that protects goose fatty liver.4. Poultry breeding
Selected Publications	<p>A number of papers were published in the internationally renowned journals as the first author or co-author, including Cell Metabolism, Journal of Clinical Investigation, Diabetologia, American Journal of Pathology, and Journal of Biological Chemistry. So far, 40 Science Citation</p>

	<p>Indexed papers have been published.</p> <p>(1) Liu L, .et al., Geng T#, Gong D#. (2016) Prosteatotic and Protective Components in a Unique Model of Fatty Liver: Gut Microbiota and Suppressed Complement System. Sci Rep. IF=4.6, # Corresponding author(s).</p> <p>(2) Geng T., et al. (2013) Fatty acids differentially regulate insulin resistance through endoplasm-reticulum-stress-mediated induction of tribbles homologue 3: a potential link between dietary fat composition and the pathophysiological outcomes of obesity. Diabetologia. 56:2078-87. IF=6.9</p> <p>(3) Geng, T., et al. (2011). PGC-1α promotes nitric oxide-antioxidant defenses and inhibits FOXO signaling against cardiac cachexia in mice. American Journal of Pathology. 178 (4): 1738-48. IF=4.9</p>
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