

# Yue (Yvette) Shang

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## Education

**Doctor of Philosophy (Animal Science/ Integrative Biology)** Sept 2014 — Present  
St. Boniface Hospital Research Centre, University of Manitoba, Winnipeg, MB, Canada

**Master of Science (Animal Science/ Poultry Science)** 2012 — 2014  
University of Manitoba, Winnipeg, MB, Canada

**Bachelor of Science (Agri) (Animal Systems)** 2009—2012  
University of Manitoba, Winnipeg, MB, Canada

**Bachelor of Science (Transferred) (Biological Sciences)** 2007—2009  
Northwest A&F University, YangLing, Shaanxi, China

## Work and Research Experiences

- **Graduate Research Assistant,** Sept 2014- Present  
Canadian Centre for Agri-Food Research in Health and Medicine (CCARM)
- **Freelance Academic Translator,** Cactus Communication Inc. Feb 2018-Present
  - Translate scientific manuscripts in Chinese Mandarin-English pair
- **Graduate Research and Teaching Assistant,** Sept 2012-Aug 2014  
Department of Animal Science, University of Manitoba
- **Science Instructor (Grade 2-5),** Compassion for Migrant Children July-Aug 2012
- **Freelance Scientific Translator,** Labcome 2012
  - Translate technical articles from English to Chinese
- **Vet Intern,** International Centre for Veterinary Services, Beijing May-July 2010

## Translated Scientific Articles

1. Behavioral Phenotyping in Rats and Mice ([www.Labome.com](http://www.Labome.com)) - 大鼠和小鼠 - 行为表现型研究的动物模型 ([www.Labome.cn](http://www.Labome.cn))
2. Laboratory Tests for Venereal Diseases ([www.Labome.com](http://www.Labome.com)) - 性病病原体的实验室检测方法 ([www.Labome.cn](http://www.Labome.cn))

## Publications:

1. **Shang Y.,** S. Kumar, H. Thippareddi and W. K. Kim. 2018. Effect of dietary fructooligosaccharide (FOS) supplementation on ileal microbiota in broiler chickens. Poultry Science. (In print).
2. Solati Z., A. Edel, **Y. Shang,** K. O, and A. Ravandi. 2018. Oxidized phosphatidylcholines are produced in renal ischemia reperfusion injury. PLoS ONE 13(4):e0195172.
3. **Shang Y.,** E. Khafipour, H. Derakhshani, L. K. Sarna, C. W. Woo, Y. L. Siow and K. O. 2017. Short-term high fat diet induces obesity-enhancing changes and partially restores mouse gut microbiota upon cessation of the high fat diet. Lipids, 52(6):499-511.
4. **Shang Y.,** Y. L. Siow, C. K. Isaak and K. O. 2016. Downregulation of glutathione biosynthesis contributes to oxidative stress and liver dysfunction in acute kidney injury. Oxidative Medicine and Cellular Longevity, 2016(10):1-13.

5. **Shang Y.** and W. K. Kim. 2017. Roles of fructooligosaccharides and phytase in broiler chickens: review. *International Journal of Poultry Science* 16: 16-22.
6. **Shang Y.**, A. Regassa, J. H. Kim, and W. K. Kim. 2015. The effect of dietary fructooligosaccharide supplementation on growth performance, intestinal morphology and immune responses in broiler chickens challenged with *Salmonella* Enteritidis lipopolysaccharide. *Poultry Science* 94: 2887-2897.
7. **Shang Y.**, A. Rogiewicz, R. Patterson, B. A. Slominski, and W. K. Kim. 2015. Effects of phytase and fructooligosaccharide on growth performance, bone quality and phosphorus digestibility of broiler chickens. *Poultry Science* 94:955-964.

### **Related Skills and Achievements**

**Project Management Training** Twenty-two Hours Recognition, Mitacs Inc. 2015

**Leadership Development Program Certificate**, University of Manitoba 2014

**Computer skills:** Microsoft office, website construction, SAS, Endnote and Photoshop

**Language skills:** English (Fluent), Chinese Mandarin (Native), Spanish and French (Basic)