



硕士导师

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专家名师

教师名录

硕士导师

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所在院系：动科学院	职称：教授(二级)	导师类别：硕士生导师
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个人简介

刘玉兰，1975年2月出生，博士，武汉轻工大学动物科学与营养工程学院教授，动物营养与饲料科学湖北省重点实验室主任，硕士生导师，从事动物营养与饲料科学方面的教学科研工作。在猪的营养与免疫、肠道生理机能调控方面做了大量系统深入的研究工作。她是国家自然科学基金优秀青年科学基金获得者（2014）、湖北省自然科学基金杰出青年基金获得者（2013），入选第二批国家“万人计划”领军人才（科技创新领军人才）（2016）、享受国务院政府特殊津贴人员（2016）、国家百千万人才工程（授予“国家有突出贡献中青年专家”）（2015）、科技部中青年科技创新领军人才（2014）、湖北省有突出贡献中青年专家（2014）、湖北省新世纪高层次人才工程第二层次人选（2011）、教育部新世纪优秀人才支持计划（2010）。目前主持或主持完成国家自然科学基金项目6项，其他省部级项目20项，作为重要学术骨干参与国家973项目2项，国家重点研发计划1项。发表学术论文100余篇，以第一或通讯作者在《The Journal of Nutrition》、《Journal of Nutritional Biochemistry》等著名期刊上发表SCI论文51篇。为中国畜牧兽医学会动物营养学会常务理事、中国畜牧兽医学会高级会员、湖北省畜牧兽医学会理事。应邀担任《The Journal of Nutrition》、《Journal of Nutritional Biochemistry》、《British Journal of Nutrition》、《Journal of Animal Science》等30余SCI期刊的审稿专家，为《Journal of Animal Science and Biotechnology》和《动物营养学报》等期刊的编委。获第十届湖北省青年科技奖，湖北省科技进步一等奖、二等奖和武汉市自然科学优秀学术论文一等奖各1项，授权/申报国家发明专利14项。副主编或参编专著6部。成果鉴定2项。

一、教育经历

2000/09-2003/07, 中国农业大学, 动物科技学院, 博士
 1997/09-2000/07, 华南农业大学, 动物科学系, 硕士
 1993/09-1997/07, 武汉食品工业学院, 饲料科学系, 学士

二、研究工作经历

2012/01-至今, 武汉轻工大学(原武汉工业学院), 动物科学与营养工程学院, 教授
 2010/02-2011/04, 美国北卡罗莱纳州立大学(North Carolina State University), 动物科学系, 访问学者
 2006/01-2011/12, 武汉工业学院, 动物科学与营养工程学院, 副教授
 2003/07-2005/12, 武汉工业学院, 动物科学与营养工程学院, 讲师

三、从事专业

动物营养与饲料科学

四、研究方向

1. 猪的营养与免疫
2. 猪胃肠道结构与功能的调控
3. 饲料添加剂的研究与开发

五、主持项目

1. 第二批国家“万人计划”科技创新领军人才
2. 2018年武汉市应用基础前沿项目“细胞程序性坏死在致病性大肠杆菌引起的仔猪肠炎中的作用及其营养调控”(2018020401011304)
3. 2017年国家自然科学基金面上项目“RIP1/RIP3/MLKL介导的细胞程序性坏死在免疫应激诱导的仔猪肠道损伤中的作用及其营养调控”(31772615)

4. 2016年国家重点研发计划“畜禽营养代谢与中毒性疾病防控技术研究”所属课题“畜禽应激综合症防控技术研究”（2016YFD0501210）
5. 2015年湖北省高等学校优秀中青年科技创新团队计划项目“仔猪营养与肠黏膜免疫”（T201508）
6. 2014年国家自然科学基金优秀青年基金“仔猪营养”（31422053）
7. 2013年国家自然科学基金面上项目“TLRs信号负调控因子SIGIRR在仔猪免疫应激中的作用及其营养调控”（31372318）
8. 2013年湖北省自然科学基金杰出青年人才项目“仔猪肠黏膜免疫功能的营养调控机理研究”（2013CFA029）
9. 2011年国家自然科学基金面上项目“NODs信号通路在仔猪免疫应激中的作用及其营养调控”（31172222）
10. 2010年教育部“新世纪优秀人才支持计划”（编号NCET-10-0158）
11. 2011年湖北省国际科技合作项目“营养调控断奶仔猪肠黏膜免疫功能的研究与技术开发（编号2011BFA008）
12. 2011年武汉市科技计划项目（国际合作项目）“仔猪肠黏膜免疫功能的营养调控研究与技术开发”（201171034320）
13. 2011年湖北省教育厅科学技术研究计划优秀中青年人才项目“NOD样受体与仔猪免疫应激关系的研究”（Q20111702）
14. 2009年国家自然科学基金面上项目“TLR4 / NF- κ B信号通路在仔猪免疫应激的关系及其营养调控”（30972109）
15. 2009年教育部科学技术研究重点项目“精氨酸通过PPAR γ -NF κ B信号通路对仔猪肠道损伤的调控作用”（209082）
16. 2010年湖北省自然科学基金重点项目“仔猪免疫应激的营养调控及其细胞信号机制”（2010CDA050）
17. 2009年湖北省自然科学基金面上项目“TLR4 / NF- κ B信号通路在仔猪免疫应激的关系”（2009CDB006）
18. 2007年湖北省教育厅重点科研项目“精氨酸对断奶仔猪肠道黏膜结构和功能的调节作用及其信号机制”（D200718003）
19. 2007年嘉吉公司（中国）动物营养部课题“Biotite V对断奶仔猪生长和免疫功能的调节作用研究”
20. 2007年动物营养学国家重点实验室开放课题“精氨酸对断奶仔猪肠道黏膜结构和功能的调节作用及其信号机制”（编号2007KLAN002）
21. 2005年国家自然科学基金面上项目“PPAR γ 在仔猪免疫应激中的调控作用”（30500362）
22. 2004年973项目“畜禽肉品质性状形成的代谢与调控机理”专题“胃肠道结构与功能的发育规律及其调节”（2004CB117504）
23. 2005年湖北省自然科学基金项目“几种植物多糖对断奶仔猪抗免疫应激作用及其机理研究”（2005ABA091）
24. 2005年湖北省科技攻关计划项目“绿色饲料添加剂—甘露聚糖霉菌毒素吸附剂的研制与开发”（2005AA201C30）
25. 2005年武汉市青年科技晨光计划项目“三种植物多糖对断奶仔猪免疫应激调节作用及其协同效应”（20055003059-46）
26. 2005年湖北省教育厅重点科研项目“新型霉菌毒素吸附剂的研制与开发”（B200518004）
27. 2003年美国NOVUS课题“Bio-efficacy of Alimet and Methionine requirement of Broilers fed with Cottenseed Meal Diet”

六、荣誉称号

1. 学术荣誉

- [1] 2016年第二批国家“万人计划”领军人才（科技创新领军人才）
- [2] 2016年享受国务院政府特殊津贴人员
- [3] 2015年国家百千万人才工程&国家有突出贡献中青年专家
- [4] 2015年武汉市优秀科技工作者
- [5] 2014年国家自然科学基金优秀青年科学基金获得者
- [6] 2014年科技部中青年科技创新领军人才
- [7] 2014年湖北省有突出贡献中青年专家
- [8] 2013年湖北省自然科学基金杰出青年基金获得者
- [9] 2011年湖北省新世纪高层次人才工程第二层次人选
- [10] 2010年教育部新世纪优秀人才支持计划人选

2. 其他荣誉

- [1] 2016年湖北省优秀共产党员
- [2] 2016年武汉市人大代表
- [3] 2015年湖北省先进工作者

七、SCI论文（第一或通讯作者，*表示通讯作者）

1. Zhang J, Xu X, Zhang L, Liu Y, Odle J, Lin X, Zhu HL, Wang XY, **Liu YL***. 2019. EPA and DHA inhibit myogenesis and downregulate the expression of muscle-related genes in C2C12 myoblasts. *Genes*. DOI: 10.3390/genes10010064
2. Wang XY#, Wang WJ#, Wang LM, Yu C, Zhang GL, Zhu HL, Wang CW, Zhao SJ, Hu CA, **Liu YL***. 2019. Lentinan modulates intestinal microbiota and enhances barrier integrity in a piglet model challenged with lipopolysaccharide. *Food & Function*. 10: 479-489.
3. Zhang J, Xu X, Zhu HL, Wang Y, Hou YQ, **Liu YL***. 2019. Dietary fish oil supplementation alters liver gene expressions to protect against LPS-induced liver injury in weanling piglets. *Innate Immunity*. 25: 60-72.
4. Zhang L#, Wang XY#, Chen SK, Wang SH, Tu ZX, Zhang GL, Zhu HL, Li XG, Xiong JL, **Liu YL***. 2018. Medium-chain triglycerides attenuate liver injury in lipopolysaccharide-challenged pigs by inhibiting necroptotic and inflammatory signaling pathways. *International Journal of Molecular Sciences*. 19: 3697.
5. Qin Q#, Xu X#, Wang XY, Wu HT, Zhu HL, Hou YQ, Dai B, Liu XT, **Liu YL***. 2018. Glutamate alleviates intestinal injury, maintains mTOR and suppresses TLR4 and NOD signaling pathways in weanling pigs challenged with lipopolysaccharide. *Scientific Reports*. 8: 15124.
6. Xu X, Wang XY, Wu HT, Zhu HL, Liu CC, Hou YQ, Dai B, Liu XT, **Liu YL***. 2018. Glycine relieves intestinal injury by maintaining mTOR signaling and suppressing AMPK, TLR4 and NOD signaling in weaned piglets after lipopolysaccharide challenge. *International Journal of Molecular Sciences*. 19: 1980.
7. Wang LM, Tu ZX, Wang HB, Wang SH, Wang XY, Zhu HL, Hu CA, **Liu YL***. 2018. Flaxseed oil improves liver injury and inhibits necroptotic and inflammatory signaling pathways following lipopolysaccharide challenge in a piglet model. *Journal of Functional Foods*. 46: 482-489.
8. Zhu HL, Wang HB, Wang SH, Tu ZX, Zhang L, Wang XY, Hou YQ, Wang CW, Qin Q, Chen J, **Liu YL***. 2018. Flaxseed oil attenuates intestinal damage and inflammation by regulating necroptosis and TLR4/NOD signaling pathways following lipopolysaccharide challenge in a piglet model. *Molecular Nutrition & Food Research*. 62: e1700814.
9. Xu X, Chen SK, Wang HB, Tu ZX, Wang SH, Wang XY, Zhu HL, Wang CW, Zhu JD, **Liu YL***. 2018. Medium-chain TAG improve intestinal integrity by suppressing toll-like receptor 4, nucleotide-binding oligomerisation domain proteins and necroptosis signalling in weanling piglets challenged with lipopolysaccharide. *British Journal of Nutrition*. 119: 1019-1028.
10. Kang P, **Liu YL***, Zhu HL, Zhang J, Shi HF, Li S, Pi DA, Leng WB, Wang XY, Wu HT, Hou YQ. 2018. The effect of dietary asparagine supplementation on energy metabolism in liver of weaning pigs when challenged with lipopolysaccharide. *Asian-Australasian Journal of Animal Sciences*. 31: 548-555.
11. **Liu YL***, Wang XY, Hu CA*. 2017. Therapeutic potential of amino acids in inflammatory bowel disease. *Nutrients*. 9: pii: E920.
12. Kang P, Wang XY, Wu HT, Zhu HL, Hou YQ, Wang LM, **Liu YL***. 2017. Glutamate alleviates muscle protein loss by modulating TLR4, NODs, Akt/FOXO and mTOR signaling pathways in LPS-challenged piglets. *PLoS One*. 12: e0182246.
13. Zhu HL, Pi DA, Leng WB, Wang XY, Hu CA, Hou YQ, Xiong JL, Wang CW, Qin Q, **Liu YL***. 2017. Asparagine preserves intestinal barrier function from LPS-induced injury and regulates CRF/CRFR signaling pathway. *Innate Immunity*. 23: 546-556.
14. **Liu YL***, Wang XY, Hou YQ, Yin YL, Qiu YS, Wu GY, Hu CA*. 2017. Roles of amino acids in preventing and treating intestinal diseases: recent studies with pig models. *Amino Acids*. 49: 1277-1291.
15. Guo L, **Liu YL***, Han J, Zhu HL, Wang XY. 2017. Effects of biotite V supplementation on growth performance and the immunological responses of weaned pigs after an Escherichia coli lipopolysaccharide challenge. *Livestock Science* 195: 112-117.
16. Sun LH, Pi DA, Zhao L, Wang XY, Zhu LY, Qi DS, **Liu YL***. 2017. Response of selenium and selenogenome in immune tissues to LPS-induced inflammatory reactions in pigs. *Biological Trace Element Research*. 177: 90-96.
17. Zhang J, **Liu Y***. 2017. MicroRNA in skeletal muscle: Its crucial roles in signal proteins, muscle fiber type, and muscle protein synthesis. *Current Protein and Peptide Science*. 18: 579-588.
18. **Liu YL***, Wang XY, Leng WB, Pi DA, Tu ZX, Zhu HL, Shi HF, Li S, Hou YQ, Hu CA. 2017. Aspartate inhibits LPS-induced MAFbx and MuRF1 expression in skeletal muscle in weaned pigs by regulating Akt, AMPK α and FOXO1. *Innate Immunity*. 23: 34-43.
19. Chen SK, **Liu YL***, Wang XY, Wang HB, Li S, Shi HF, Zhu HL, Zhang J, Pi DA, Hu CA, Lin X, Odle J. 2016. Asparagine improves intestinal integrity, inhibits TLR4 and NOD signaling, and differently regulates p38 and ERK1/2 signaling in weanling piglets after LPS challenge. *Innate Immunity*. 22: 577-587.
20. Wang XY, **Liu YL***, Wang SH, Pi DA, Leng WB, Zhu HL, Zhang J, Shi HF, Li S, Lin X, Odle J. 2016. Asparagine reduces the mRNA expression of muscle atrophy markers via regulating Akt, AMP-activated

- protein kinase α , toll-like receptor 4 and nucleotide-binding oligomerisation domain protein signalling in weaning piglets after lipopolysaccharide challenge. *British Journal of Nutrition*. 116: 1188-1198.
21. **Liu YL***, Wang X, Wu H, Chen S, Zhu H, Zhang J, Hou Y, Hu CA, Zhang G. 2016. Glycine enhances muscle protein mass associated with maintaining Akt-mTOR-FOXO1 signaling and suppressing TLR4 and NOD2 signaling in piglets challenged with LPS. *American Journal of Physiology-Regulatory Integrative and Comparative Physiology*. 311: R365-R373.
 22. Wang HB, **Liu YL***, Shi HF, Wang XY, Zhu HL, Pi DA, Leng WB, Li S. 2017. Aspartate attenuates intestinal injury and inhibits TLR4 and NODs/NF- κ B and p38 signaling in weaned pigs after LPS challenge. *European Journal of Nutrition*. 56: 1433-1443.
 23. Zhu HL, **Liu YL***, Chen SK, Wang XY, Pi DA, Leng WB, Chen F, Zhang J, Kang P. 2016. Fish oil enhances intestinal barrier function and inhibits corticotropin-releasing hormone/corticotropin-releasing hormone receptor 1 signalling pathway in weaned pigs after lipopolysaccharide challenge. *British Journal of Nutrition*. 115: 1947-1957.
 24. **Liu YL***. 2015. Fatty acids, inflammation and intestinal health in pigs. *Journal of Animal Science and Biotechnology*. 6: 41.
 25. Zhang J, Fu SL, Liu Y, **Liu YL***, Wang WJ*. 2015. Analysis of microRNA expression profiles in weaned pig skeletal muscle after lipopolysaccharide challenge. *International Journal of Molecular Sciences*. 16: 22438-22455.
 26. Wang X, **Liu Y***, Li S, Pi D, Zhu H, Hou Y, Shi H, Leng W. 2015. Asparagine attenuates intestinal injury, improves energy status, and inhibits AMPK signaling pathways in weaned piglets challenged with *Escherichia coli* lipopolysaccharide. *British Journal of Nutrition*. 114: 553-565.
 27. Wu H, **Liu Y***, Pi D, Leng W, Zhu H, Hou Y, Li S, Shi H, Wang X. 2015. Asparagine attenuates hepatic injury caused by lipopolysaccharide in weaned piglets associated with modulation of TLR4 and NOD signaling and their negative regulators. *British Journal of Nutrition*. 114: 189-201.
 28. Kang P, **Liu YL***, Zhu HL, Li S, Shi HF, Chen F, Leng WB, Pi DA, Hou YQ, Yi D. 2015. The effect of aspartate on the energy metabolism in the liver of weanling pigs challenged with lipopolysaccharide. *European Journal of Nutrition*. 54: 581-588.
 29. Pi DA, **Liu YL***, Shi HF, Li S, Odle J, Lin Xi, Zhu HL, Chen F, Hou YQ, Leng WB. 2014. Dietary supplementation of aspartate enhances intestinal integrity and energy status in weanling piglets after lipopolysaccharide challenge. *Journal of Nutritional Biochemistry*. 25: 456-462.
 30. Leng WB, **Liu YL***, Shi HF, Li S, Zhu HL, Pi DA, Hou YQ, Gong JH. 2014. Aspartate alleviates liver injury and regulates mRNA expressions of TLR4 and NOD signaling related genes in weaned pigs after lipopolysaccharide challenge. *Journal of Nutritional Biochemistry*. 25: 592-599.
 31. **Liu YL***, Chen F, Li Q, Odle J, Lin X, Zhu HL, Hong Y, Hou YQ, Yi D, Shi HF. 2013. Fish oil alleviates activation of hypothalamic-pituitary-adrenal axis associated with inhibition of TLR4 and NOD signaling pathways in weaning pigs after an LPS challenge. *The Journal of Nutrition*. 143: 1799-1807.
 32. **Liu YL***, Chen F, Odle J, Lin X, Zhu HL, Shi HF, Hou YQ, Yin JD. 2013. Fish oil increases muscle protein mass and modulates Akt/FOXO, TLR4 and NOD signaling in weaning piglets after LPS challenge. *The Journal of Nutrition*. 143: 1331-1339.
 33. **Liu YL***, Chen F, Odle J, Lin X, Jacobi SK, Zhu HL, Wu ZF, Hou YQ. 2012. Fish oil enhances intestinal integrity and inhibits TLR4 and NOD2 signaling pathways in weaned pigs after LPS challenge. *The Journal of Nutrition*. 142: 2017-2024.
 34. Zhu HL, **Liu YL***, Xie XL, Huang JJ, Hou YQ. 2013. Effect of L-arginine on intestinal mucosal immune barrier function in weaned pigs after *Escherichia coli* LPS challenge. *Innate Immunity*. 19: 242-252.
 35. Chen F, **Liu YL***, Zhu HL, Hong Y, Wu ZF, Hou YQ, Li Q, Ding BY, Yi D, Chen HB. 2013. Fish oil attenuates liver injury caused by LPS in weaned pigs associated with inhibition of TLR4 and NOD signaling pathways. *Innate Immunity*. 19: 504-515.
 36. Li Q, **Liu YL***, Che ZQ, Zhu HL, Meng GQ, Hou YQ, Ding BY, Yin YL, Chen F. 2012. Dietary L-arginine supplementation alleviates liver injury caused by *Escherichia coli* LPS in weaned pigs. *Innate Immunity*. 18: 804-814.
 37. Che ZQ, **Liu YL***, Wang HR, Zhu HL, Hou YQ, Ding BY. 2011. The protective effects of different mycotoxin adsorbents against blood and liver pathological changes induced by mold-contaminated feed in broilers. *Asian-Australasian Journal of Animal Sciences*. 24: 250-257.
 38. **Liu YL***, Meng GQ, Wang HR, Zhu HL, Hou YQ, Wang WJ, Ding BY. 2011. Effect of three mycotoxin adsorbents on growth performance, nutrient digestibility and meat quality in broilers fed mold-contaminated feed. *British Poultry Science*. 52: 255-263.
 39. Fan W, **Liu YL***, Wu ZF, Hong Y, Zhu HL, Hou YQ, Yin YL, Han J. 2010. Effects of rosiglitazone, an agonist of the peroxisome proliferator-activated receptor gamma, on intestinal damage induced by *Escherichia coli* lipopolysaccharide in weaned pigs. *American Journal of Veterinary Research*. 71: 1331-1338.

40. **Liu YL***, Shi JX, Lu J, Che ZQ, Zhu HL, Hou YQ, Yin YL, Zhao SJ, Ding BY, Liu HM. 2010. Up-regulated expression of the peroxisome proliferator-activated receptor γ in hypothalamic-pituitary-adrenal axis of weaned pigs after Escherichia coli lipopolysaccharide challenge. *The Veterinary Journal*. 184: 230-235.
41. **Liu YL***, Shi JX, Lu J, Meng GQ, Zhu HL, Hou YQ, Yin YL, Zhao SJ, Ding BY. 2009. Activation of peroxisome proliferator-activated receptor γ potentiates pro-inflammatory cytokine production, and adrenal and somatotrophic changes of weaned pigs after Escherichia coli lipopolysaccharide challenge. *Innate Immunity*. 15: 169-178.
42. **Liu YL**, Han J, Huang JJ, Wang XQ, Wang FL, Wang JJ*. 2009. Dietary L-arginine supplementation improves intestinal function in weaned pigs after an Escherichia coli lipopolysaccharide. *Asian-Australasian Journal of Animal Sciences*. 22: 1667-1675.
43. Han J, **Liu YL***, Fan W, Chao J, Hou YQ, Yin YL, Zhu HL, Meng GQ, Che ZQ. 2009. Dietary L-arginine supplementation alleviates immunosuppression induced by cyclophosphamide in weaned pigs. *Amino Acids*. 37: 643-651.
44. Guo GL, **Liu YL***, Fan W, Han J, Hou YQ, Yin YL, Zhu HL, Ding BY, Shi JX, Lu J, Wang HR, Chao J, Qu YH. 2008. Effects of achyranthes bidentata polysaccharide on growth performance, immunological, adrenal, and somatotrophic responses of weaned pigs challenged with Escherichia coli lipopolysaccharide. *Asian-Australasian Journal of Animal Sciences*. 21: 1189-1195.
45. **Liu YL***, Huang JJ, Hou YQ, Zhu HL, Zhao SJ, Ding BY, Yin YL, Yi GF, Shi JY, Fan W. 2008. Dietary arginine supplementation alleviates intestinal mucosal disruption induced by Escherichia coli lipopolysaccharide in weaned pigs. *British Journal of Nutrition*. 100: 552-560.
46. **Liu YL***, Lu J, Shi JX, Hou YQ, Zhu HL, Zhao SJ, Liu HM, Ding BY, Yin YL, Yi GF. 2008. Increased expression of the peroxisome proliferator-activated receptor γ in the immune system of weaned pigs after Escherichia coli lipopolysaccharide challenge. *Veterinary Immunology and Immunopathology*. 124: 82-92.
47. **Liu YL***, Yi GF, Song GL, Hou YQ, Huang JW, Vazquez-Anon M, Knight CD. 2007. Impact of feeding 2-hydroxy-4-(methylthio) butanoic acid and DL-methionine supplemented maize-soya bean-rapeseed meal diets on growth performance and carcass quality of broilers. *British Poultry Science*. 48: 190-197.
48. **Liu YL***, Song GL, Yi GF, Hou YQ, Huang JW, Vazquez-Anon M, Knight CD. 2006. Effect of supplementing 2-hydroxy-4-(methylthio) butanoic acid and DL-methionine in corn-soybean-cottonseed meal diets on growth performance and carcass quality of broilers. *Asian-Australasian Journal of Animal Sciences*. 19: 1197-1205.
49. Hou YQ, **Liu YL***, Hu J, Shen WH. 2006. Effects of lactitol and tributyrin on growth performance, small intestinal morphology and enzyme activity in weaned pigs. *Asian-Australasian Journal of Animal Sciences*. 19: 1470-1477.
50. **Liu YL**, Li DF*, Gong LM, Yi GF, Gaines AM, Carroll JA. 2003. Effects of fish oil supplementation on the performance and the immunological, adrenal, and somatotrophic responses of weaned pigs after an Escherichia coli lipopolysaccharide challenge. *Journal of Animal Science*. 81: 2758-2765.
51. **Liu YL**, Gong LM*, Li DF, Feng ZY, Zhao LD, Dong T. 2003. Effects of fish oil on lymphocyte proliferation, cytokine production and intracellular signaling in weanling pigs. *Archives of Animal Nutrition*. 57: 151-165.

八、科技奖励

- 2011年湖北省青年科技奖
- 2011年湖北省科技进步一等奖“仔猪生理机能营养调控与饲料产业化关键技术”
- 2008年湖北省科技进步奖二等奖“畜禽肉质改进技术的研究与产品开发”
- 2011年武汉市自然科学优秀学术论文一等奖“PPAR γ 激活加剧了断奶仔猪脂多糖诱导的炎性细胞因子产生和激素水平改变”
- 2010年武汉市自然科学优秀学术论文三等奖“精氨酸对脂多糖刺激断奶仔猪肠道损伤的缓解作用”
- 2008、2010、2014、2015年湖北省优秀硕士学位论文指导教师

九、发明专利（中华人民共和国国家知识产权局）

- 一种增进畜禽肠道生理功能的饲料添加剂. 专利号: ZL200710053205.6
- 一种增进畜禽肠道屏障功能的饲料添加剂及其应用. 专利号: ZL201310037355.3
- 一种AFG1的产毒培养基及寄生曲霉的AFG1产毒发酵方法. 专利号: ZL201410727872.8
- 一种AFG2的产毒培养基及寄生曲霉的AFG2产毒发酵方法. 专利号: ZL201410733768.X
- 一种黄曲霉毒素B1毒性的检测方法. 专利号: 201710934861.0
- 一种改善猪生长和肠道健康的不同链长脂肪组合物及其应用. 申请号: 201510651454.X
- 一种降低猪免疫应激的脂肪组合物及其应用. 申请号: 201510609260.3
- 饲用鱼油微胶囊及其制备工艺. 申请号: 2016100511612
- 一种双氧水诱导猪小肠上皮细胞凋亡模型的建立方法. 申请号: 201711280433.7
- 一种脂多糖诱导仔猪肝脏细胞程序性坏死模型的建立方法. 申请号: 201711414135.2
- 冬青多酚在动物饲料中的应用及动物饲料. 申请号: 201810249225.9

12. 花生秧在鹅饲料中的应用及鹅饲料. 申请号: 201810222256.5

13. 呕吐毒素诱导猪小肠上皮细胞程序性坏死模型的建立方法. 申请号: 201810536705.3

14. n-3多不饱和脂肪酸在制备抑制程序性坏死的营养制剂中的应用及营养制. 申请号: 201810562099.2

十、成果鉴定

1. 刘玉兰, 侯永清, 丁斌鹰, 朱惠玲, 吴灵英, 王蕾. 断奶仔猪免疫功能调控技术的研究与应用. 鄂科鉴字 [2009]第93265号. 鉴定单位: 湖北省科技厅.

2. 侯永清, 丁斌鹰, 刘玉兰, 朱惠玲, 李建文, 吴灵英. 断奶仔猪肠道功能调控技术的研究与应用. 鄂科鉴字 [2009]第93264号. 鉴定单位: 湖北省科技厅.

十一、学术专著

1. 副主编《第十二次动物营养学术研讨会论文集》(中国农业大学出版社, 2016.10)

2. 副主译《猪的可持续营养》(中国农业出版社, 2015.10)

3. 参编《仔猪营养学》(中国农业出版社, 2010.10)

4. 参编《猪氨基酸营养与代谢》(科学出版社, 2008.1)

5. 参编《猪的营养》(中国农业科学技术出版社, 2003)

6. 副主编《动物营养与饲料》(中国农业大学出版社, 2001)

上一条: 丁斌鹰

下一条: 吴灵英