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毕业院校：南京农业大学

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研究方向：动物病毒学与免疫学

个人简介：

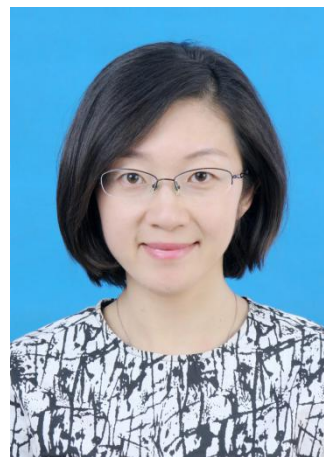
1984 年生于江苏吴江，2003 年考入南京农业大学国家生命科学与技术人才培养基地，2013 年博士毕业于本校动物医学院预防兽医系，师从陈溥言教授。现就职于南京农业大学免疫研究所，担任猪病毒病基础与预防技术平台负责人，同时在浙江大学农业部动物病毒学重点实验室从事在职博士后研究，合作导师为周继勇教授。本人专注于动物病毒病的研究，致力于探索引起动物免疫抑制性疾病病毒、动物肠道病毒的病原流行病学、致病机制及病毒与宿主的互作机制。本人承担或参与本科生《生命科学生物技术大实验》、《猪病学》、《兽医免疫学》、《兽医免疫学实验》及研究生《现代动物免疫学》、《生物医学大型仪器使用》和留学生《Basic Molecular Biology Experiment Training》等课程的教学。

科研项目：

1. 十三五国家重点研发计划子课题任务，非编码 RNA 调控仔猪冠状病毒毒力的机制研究，2016/07-2020/12，50 万元，在研，主持。
2. 十二五国家科技支撑计划子课题任务，猪圆环病毒免疫抑制的研究，2015/04-2019/12，70 万元，在研，主持。
3. 国家自然科学基金青年基金，PCV2 利用宿主免疫系统促进自身增殖的分子机制，2015/01-2017/12，25 万元，在研，主持。
4. 横向技术开发，猪病检测用单克隆抗体技术开发，2015/04-2018/03，150 万元，在研，共同主持。
5. 中央高校基本业务费，PCV2 利用宿主免疫系统促进自身增殖的分子机制，2015/01-2017/12，10 万，在研，主持。

荣誉奖项：

1. 获 2014 年度“勃林格殷格翰奖教金”



2. 获 2015 年动物医学院青年教师授课比赛二等奖

发明专利：无

近年代表性论著：

(1) Niu Zhou, Chun-Mei Fan, Song Liu , Jian-Wei Zhou, Yu-Lan Jin, Xiao-Juan Zheng, Qin Wang, Jue Liu, Han-chun Yang, Jin-Yan Gu*, Ji-Yong Zhou*, Cellular proteomic analysis of porcine circovirus type 2 and classical swine fever virus coinfection in porcine kidney-15 cells using isobaric tags for relative and absolute quantitation-coupled LC-MS/MS, Electrophoresis, 2017.

(2) Juan Liu, Hailong Wang, Jinyan Gu, Tingjuan Deng, Zhuangchuan Yuan, Boli Hu, Yunbin Xu, Yan Yan, Jie Zan, Min Liao, Erin DiCaprio, Jianrong Li, Shuo Su, Jiyong Zhou*, BECN1-dependent CASP2 incomplete autophagy induction by binding to rabies virus phosphoprotein, Autophagy, 2017, 27: 0

(3) Gu Jinyan#, Wang Lun#, Jin Yulan, Lin Cui, Wang Huijuan, Zhou Niu, Xing Gang, Liao Min, Zhou Jiyong*, Characterization of specific antigenic epitopes and the nuclear export signal of the Porcine circovirus 2 ORF3 protein, Vet Microbiol, 2016, 184: 40-50

(4) Yan Yan#, Jin-Yan Gu#, Zhuang-Chuan Yuan, Xin-Yu Chen, Zeng-Kui Li, Jing Lei, Bo-li Hu, Li-Ping Yan, Gang Xing, Min Liao*, Ji-Yong Zhou*, Genetic characterization of H9N2 avian influenza virus in plateau pikas in the Qinghai Lake region of China, Arch Virol, 2016, 162(4):1025-1029

(5) Gang Xing#, Jinyan Gu#, Liping Yan#, Jing Lei, Alexander Lai*, Shuo Su, Jiyong Zhou*, Human infections by avian influenza virus H5N6: Increasing risk by dynamic reassortment? Infection, Genetics and Evolution, 2016, 42: 46-48

(6) 顾金燕, 邢刚, 雷静, 刘斐, 周继勇*. 猪圆环病毒 2 型与猪圆环病毒相关性系统疾病的回顾及展望, 生物工程学报, 2015, 31(6): 880-891

(7) Jinyan Gu, Yu Zhang, Xue Lian, Hailiang Sun, Jingman Wang, Weiting Liu, Gang Meng, Peng Li, Dan Zhu, Yuexin Jin, Ruibing Cao*, Functional analysis of the interferon-stimulated response element of porcine circovirus type 2 and its role during viral replication in vitro and in vivo, Virology journal, 2012, 9:152

(8) Jinyan Gu, Ruibin Cao, Yu Zhang, Xue Lian, Hassan Ishag, Puyan

Chen*, Deletion of the single putative N-glycosylation site of the porcine circovirus type 2 Cap protein enhances specific immune responses by DNA immunisation in mice, *The veterinary journal*, 2012, 192: 385 - 389

(9) Jingman Wang, Xinfeng Li, **Jinyan Gu**, Yu Fan, Peng Zhao, Ruibing Cao*, Puyan Chen, The A66G back mutation in NS2A of JEV SA14-14-2 strain contributes to production of NS1' protein and the secreted NS1' can be used for diagnostic biomarker for virulent virus infection, *Infect Genet Evol*, 2015, 36:116-25

(10) Shuo Su, Gang Xing, Junhua Wang, Zengkui Li, **Jinyan Gu**, Liping Yan, Jing Lei, Senlin Ji, Boli Hu, Gregory C. Gray, Yan Yan, Jiyong Zhou*, Characterization of H7N2 Avian Influenza Virus in Wild Birds and Pikas in Qinghai-Tibet Plateau Area, *Sci Rep*, 2016, 6: 30974

(11) Xin-Feng Li, Rui-Bing Cao, Jun Luo, Jian-Ming Fan, Jing-Man Wang, Yuan-Peng Zhang, **Jin-Yan Gu**, Xiu-Li Feng, Bin Zhou, Pu-Yan Chen*, MicroRNA transcriptome profiling of mice brains infected with Japanese encephalitis virus by RNA sequencing *Infect Genet Evol*. 2016, 39:249-57

(12) Niu Zhou, Gang Xing, Jianwei Zhou, Yulan Jin, Cuiqin Liang, **Jinyan Gu**, Boli Hu, Min Liao, Qin Wang, Jiyong Zhou*, In Vitro Coinfection and Replication of Classical Swine Fever Virus and Porcine Circovirus Type 2 in PK15 Cells, *PLoS One*, 2015, 10(10): e0139457

(13) Jingman Wang, Weiting Liu, Gang Meng, Kangning Zhao, **Jinyan Gu**, Puyan Chen, Ruibing Cao*, Isolation and genome characterization of a novel duck Tembusu virus with a 74 nucleotide insertion in the 3' non-translated region, *Avian Pathol*, 2015, 44(2): 92-102