

# 余 燕



## 基本信息

职称职务：教授 硕士生导师

学科专业：动物医学专业

出生年月：1972.01

## 联系方式

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## 学习和工作简历

2022.04-至今：河南科技学院，动物科技学院，教授

2008.04-2022.04，河南科技学院，动物科技学院，副教授

2018.09-2019.09，美国访学

2010.03-2013.06， 博士

2007.04-2008.03， 讲师

2003.08-2006.06， 硕士

1999.04-2007.03， 中教中级

1995.07-1999.03， 中教初级

1991.09-1995.06， 学士

## 主要教学情况

1995.07-2005.07 河南科技学院附中从事《生物学》教学工作

2005.08-至今，动物科技学院基础兽医学教研室从事《动物组织学与胚胎学》、《动物解剖与组织胚胎学》教学工作。

## 主要研究方向

科研方向为“组织结构及致病机理”，主要研究家禽内源性限制因子在其生长、发育、代谢和疫病免疫中的调控机制，以及中草药在家禽饲养中的发掘和应用

## 主要承担项目

1. 河南省科技攻关项目，禽干扰素及干扰素诱导的抗病毒基因的挖掘，2016年—2017年，10万，主持。
2. 河南省科技攻关项目，Ghrelin 在雏鸡 IBDV 感染中的功能及应用，2020-2021,10万，主持
3. 河南省《动物组织胚胎学》一流本科课程项目，主持
4. 河南省《动物组织胚胎学》课程思政项目，主持

## 代表性论著

1. **Yan Yu<sup>#</sup>**, Lili Li<sup>#</sup>, Rui Sun, Zhiyong Xu, Qiuxia Wang, Changbo Ou, Yanhong Zhang, Pei Gao, Jinyou Ma. Tissue distribution and developmental changes of PTEN in the immune organs of chicken and effect of IBDV infection on it. 2021 Poultry Sci (100):101356
2. **Yan Yu<sup>#</sup>**, Lingling Cheng<sup>#</sup>, Zhiyong Xu, Yanhong Zhang, Changbo Ou, Qiuxia Wang, Pei Gao, Jinyou Ma<sup>\*</sup>. Tissue distribution and developmental changes of interferon regulatory factors in chickens and effects of infectious bursal disease virus infection. Microb Pathog, 2021(152):104601.
3. **Yan Yu<sup>#</sup>** 1, Zhiyong Xu<sup>#</sup> 1, Changbo Ou , Qiuxia Wang , Yanhong Zhang , Feng Guo , Pei Gao , Jinyou Ma<sup>\*</sup>. The effect of ghrelin on the fibrosis of chicken bursa of fabricius infected with infectious bursal disease virus. Gen Comp Endocrinol. 2021 (303):113705.
4. **Yan Yu**, Zhiyong Xu, Yanhong Zhang, Qiuxia Wang, Changbo Ou, Yimin Wang, Li Wang, Pei Gao, Shouyang Du, Feng Guo, and Jinyou Ma<sup>\*</sup>. Ghrelin attenuates infectious bursal disease virus-induced early inflammatory response and bursal injury in chicken. Poultry Sci, 2020(99): 5399–5406.
5. **Yu Yan<sup>#</sup>**, Xu Zhiyong<sup>#</sup>, Liu Yan, Zhang Huan, Ou Changbo, Zhang Yanhong, Liu Tingyu, Wang Qiuxia, Ma Jinyou<sup>\*</sup>. Effects of infectious bursal disease virus infection on interferon and antiviral gene expression in layer chicken bursa.

Microb Pathog, 2020, Doi: 10.1016/j.micpath.2020.104182.

6. **Yu Yan**, Cheng Lingling, Li Lili, Zhang Yanhong, Wang Qiuxia, Ou Changbo, Xu Zhiyong, Wang Yimin, Ma Jinyou\*. Effects of IBDV infection on expression of chTLRs in chicken bursa. *Microb Pathog*, 2019, 135: 103632.
7. **Yu Yan**, Zhang Yanhong, Xu Zhiyong, Liu Tingyu, Wang Qiuxia, Ou Changbo, Ma Jinyou\*. Effects of IBDV infection on expression of Ghrelin and Ghrelin-related genes in chicken. *Poult Sci*, 2019, 98(1): 119–127.
8. Xu Zhiyong<sup>#</sup>, **Yu Yan**<sup>#</sup>, Liu Yan, Ou Changbo, Zhang Yanhong, Liu Tingyu, Wang Qiuxia, Ma Jinyou\*. Differential expression of pro-inflammatory and anti-inflammatory genes of layer chicken bursa after experimental infection with infectious bursal disease virus. *Poult Sci*, 2019, 98(11): 5307–5314.
9. Zhang Yanhong, **Yu Yan**, Ou Changbo\*, Ma Jinyou, Wang Qiuxia, Du Shouyang, Xu Zhiyong, Li Renfeng, Guo Feng\*. Alleviation of infectious-bursal-disease-virus-induced bursal injury by betaine is associated with DNA methylation in IL-6 and interferon regulatory factor 7 promoter. *Poult Sci*, 2019, 98(10): 4457–4464.
10. **Yu Yan**<sup>#</sup>, Zhang Yanhong<sup>#</sup>, Zhang Huihui, Tao Huan, Ou Changbo, Wang Qiuxia, Guo Feng, Ma Jinyou\*. Effects of development and delayed feed access on Ghrelin expression in neonatal broiler chickens. *Poult Sci*, 2016, 95: 2397–2404.
11. Ma Jinyou, **Yu Yan**\*, Xue Jiajia, Ou Changbo, Mo Haizhen, Liu Xingyou. Tissue distribution and developmental changes of Ghrelin and GOAT expression in broiler chickens during embryogenesis. *Gen Comp Endocrinol*, 2015, 213: 130–135.
12. **Yu Yan**, Wang Zixu, Cao Jing, Dong Yulan, Wang Tuanjie, Chen Yaoping\*. Effects of monochromatic light stimuli on the development and Muc2 expression of goblet cells in broiler small intestines during embryogenesis. *Poult Sci*, 2014, 93: 1801–1808.
13. Ma Jinyou, **Yu Yan**, Zhang Huihui, Mo Haizhen, Ou Changbo\*, Wang Xuannian, Liu Xingyou. Over-expression of Rab1 gene during infectious bursal disease virus infection in layer chicken. *Pak Vet J*, 2016, 36: 73–76.
14. Ou Changbo<sup>#</sup>, Wang Qiuxia<sup>#</sup>, **Yu Yan**, Zhang Yanhong, Ma Jinyou, Kong Xianghui\*, Liu Xingyou\*. Chemokine receptor CCR5 and CXCR4 might influence virus replication during IBDV infection. *Microb Pathog*, 2017, 107: 122–128.
15. 余燕, 马金友, 徐之勇. Ghrelin免疫阳性细胞在白来航鸡胸腺内的分布与定位. *中国家禽*, 2012, 34: 62–63.

16. 胡善明, 李家俊, 孙浩, 赵莹, 马金友, 张艳红, 余燕\*. Ghrelin及其相关基因 mRNA 在海兰褐蛋鸡不同产蛋阶段的表达变化. 中国畜牧杂志. 2017, 53: 20-24.
17. 刘婷宇, 赵莹, 王娇, 马金友, 欧长波, 余燕\*. 禽类与哺乳类Ghrelin结构及功能研究进展. 中国畜牧杂志, 2018, 54: 19-22.

## 主要奖励荣誉

1. 2018 年, 内源性限制因子对雏鸡感染传染性法氏囊病毒的调控及应用, 河南省教育厅 科技成果一等奖 (第 1 名)
2. 2020 年, 河南省本科教育线上教学优秀课程 二等奖 (第 1 名)
3. 2021 年, 河南科技学院优秀教师