



蔡亚非 简介:

蔡亚非教授:研究方向为奶牛遗传育种学。江苏全省开展 DHI 测定、种母牛群组建、后备公牛培育、后裔测定及冻精产品推广和技术服务与研发等奶牛遗传改良工作。

详细介绍:

性别: 男

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毕业院校: 南京农业大学

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参加学术团体及任职情况: 美国细胞生物学会会员、中国养牛学会会员、中国解剖学会理事

承担项目: 近三年主持项目: 1、2016 年度南京农业大学高层次人才引进项目(804090), 2016-2020, 100 万, 主持;

2、江苏省南京市玄武区奶牛 DHI 测定中心基础建设项目(8ZG161), 农业部畜禽良种工程基础建设项目, 2016-2017, 300 万, 主持;

3、长三角地区生态优质高效乳业创新体系研究 [CX(17)1005]---课题一, 江苏省农业科技自主创新资金项目(省财政厅), 2017-2020, 210 万, 主持;

4、基于 DHI 技术建立江苏省良种奶牛数据库[CX(18)3014], 江苏省农业科技自主创新资金项目(省财政厅), 2018-2021, 40 万, 主持;

5、奶牛生产性能测定(DHI)技术的研发与示范推广[SXG[2016]312], 江苏省农业三新工程项目, 2016-2017, 30 万, 主持;

6、DHI 标准物质中致病微生物检测(HY0039), 农业部全国畜牧总站, 2017-2018, 7 万, 主持;

7、利用 DHI 技术测定江苏地区 1000 头奶牛(131821301064071027), 农业部全国畜牧总站, 2018-2019, 7 万, 主持;

8、Smad9 基因在卵巢等级建立中的作用, 2016 年度国家自然科学基金面上项目(31572265), 2016-2017, 25 万, 主持;

9、CIBZ 基因在神经干细胞移植靶向性修复小鼠脊髓损伤中的作用, 2014 年度国家自然科学基金面上项目(31372207), 2014-2017, 80 万, 主持;

奖励及荣誉: 南京农业大学高层次人才(2016); 省高校优秀中青年骨干教师(2010); 省首批企业科技特派员(2010); 省优秀青年科技创新奖(2012)

论文论著

1. Cai Yafei*, Zhu Guangxun, Liu Siyang, Pan Zezheng, Quintero Michaela, Poole Candace J, Lu Chunwan, Zhu Huabin, Islam Bianca, Riggelen Jan van, Browning Darren, Liu Kebin, Blumberg Richard, Singh Nagendra & Li Honglin*. Indispensable role of the Ubiquitin-fold modifier 1-specific E3 ligase in maintaining intestinal homeostasis and controlling gut inflammation. Cell Discovery, (2019) 5:7. DOI 10.1038/s41421-018-0070-x (SCI, IF 4.462)

2. Chen J, Xing C, Yan L, Wang Y, Wang H, Zhang Z, Yu D, Li J, Li H, Li J, Cai Y*. Transcriptome profiling reveals the role of ZBTB38 knock-down in human neuroblastoma. PeerJ, 2019, 7: e6352 <https://doi.org/10.7717/peerj.6352> (SCI, IF 2.128)

3. Li J, Yue G, Ma W, Zhang A, Zou J, Cai Y, Tang X, Wang J, Liu J, Li H, Su H. Ufm1-Specific Ligase Ufl1 Regulates Endoplasmic Reticulum Homeostasis and Protects Against Heart Failure. *Circ Heart Fail*. 2018 11(10):e004917. (SCI, IF5.684)
4. Badri TM, Chen KL, Alsiddig MA, Li L1, Cai Y, Wang GL. Genetic polymorphism in Hsp90AA1 gene is associated with the thermotolerance in Chinese Holstein cows. *Cell Stress Chaperones*. 2018 Jul; 23(4):639-651. doi: 10.1007/s12192-017-0873-y. Epub 2018 Jan 20. (SCI IF 2.8)
5. Yu Daolun, Zhang Li, Wang Hejian, Chen Fanghui, Chen Jie, Zhang Zongmeng, Li Jie, Xing Chaofeng, Li Honglin, Li Jun, Cai Yafei*. A potential role for SMAD9 in goose follicular selection through regulation of mRNA levels of luteinizing hormone receptor. 2018, November 22, *Theriogenology*, DOI: <https://doi.org/10.1016/j.theriogenology.2018.11.022>
6. Zhang Li, Wang Hejian, Yu Daolun, Chen Jie, Xing Chaofeng, Li Jie, Li Jun & Cai Yafei*. The effects of mouse ovarian granulosa cell function and related gene expression by suppressing BMP/Smad signaling pathway. *Animal Cells and Systems*, 2018; DOI: 10.1080/19768354.2018.1497706
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10. Cai Y*, Li J, Zhang Z, Chen J, Zhu Y, Li R, Chen J, Gao L, Liu R, Teng Y. Zbtb38 is a novel target for spinal cord injury. *Oncotarget*. 2017, Jul 11; 8(28):45356-45366. doi: 10.18632/oncotarget.17487. (SCI, IF 5.168)
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