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简介: 杨章平教授: 研究方向为奶牛、肉牛分子标记与抗病育种和牛奶、牛肉品质形成机理与安全生产以及动物遗传资源的评价、保护和利用。

详细介绍:

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研究方向: (1) 动物遗传资源的评价、保护和利用
(2) 奶牛、肉牛分子标记与抗病育种
(3) 牛奶、牛肉品质形成机理与安全生产

参加学术团体及任职情况:

- (1) 江苏省现代农业产业(奶牛)产业技术体系首席专家;
- (2) 中国畜牧兽医学会养牛学分会常务理事;
- (3) 中国畜牧兽医学会马学分会常务理事;
- (4) 中国畜牧兽医学会动物遗传育种分会理事;
- (5) 农业部家畜遗传资源调查西北区督导组成员;
- (6) 江苏省“青蓝工程”优秀青年骨干教师;
- (7) 江苏省畜禽遗传资源调查专家组成员;
- (8) 江苏省“肉牛、水牛产业技术创新团队”负责人;
- (9) 扬州大学新世纪中青年学术带头人

承担项目:

- (1) 国家自然科学基金项目“lncRNA-BMNCR/miR-145/FSCN1 途径调控奶牛金葡菌型乳腺炎自体保护的分子机制”(31872324);
- (2) 国家高技术研究发展计划(863)项目“中国荷斯坦奶牛乳腺炎抗性多基因聚合育种技术的研究”(2008AA10Z144);
- (3) 国家重点 863 项目“中国肉牛重要经济性性状功能基因组学研究”子项“部分南方黄牛生长与肉用性状功能基因组学研究”(2013AA102505);
- (4) 国家自然科学基金项目“奶牛两种菌型乳房炎易感性多座位基因型的筛选和验证研究”(31272407);
- (5) 国家自然科学基金项目“奶牛乳腺脂类合成代谢转录调控机制与基因网络构建”(31472067);
- (6) 江苏省现代农业产业(奶牛)产业技术体系首席专家项目;
- (7) 国家“十一五”科技支撑项目“优质肉牛新品种选育与产业化开发”子项“肉牛主要经济性性状的分子标记”(2008BADB2B03-06);
- (8) 中央财政农业技术推广“江苏苏北肉牛产业链关键技术集成与推广” TG(16)012;
- (9) 江苏省农业三项工程“杏鲍菇菌糠发酵饲料的开发及肉牛养殖综合配套技术” SXGC[2016]322
- (10) 江苏省农业自主创新基金“长三角地区生态优质高效乳业创新体系研究” CX(17)1005;

(11) 江苏省农业三新工程项目“江苏小规模奶牛场产业水平提升及原料奶质量提高综合配套技术(SXGC[2015]328)”。

(12) 江苏省自然科学基金项目“中国农区绵羊群体微卫星座位遗传分化的研究”(BK2003040);

(13) 江苏省农业三项工程项目“奶牛良种繁育及规模化养殖综合配套技术”(SX2004088);

(14) 江苏省攻关项目“安全优质牛奶生产的关键控制技术研究开发”(BE2004316);

(15) 江苏省高技术项目“多胎肉用睢宁白山羊新品系的选育”(BG2007324);

(16) 江苏省科技推广项目“奶牛胚胎分割移植技术的应用”(BL2000097);

(17) 江苏省三新工程项目“奶牛隐性乳房炎机理、防控及配套技术研究与应用”(SXGC[2012]394);

(18) 江苏省“十一五”科技支撑项目“奶牛抗热应激分子标记辅助选择与新品系培育”(BE2008302-2)。

奖励及荣誉:

- (1) 江苏省科技进步二等奖一项, 排名第 2;
- (2) 江苏省科学技术三等奖一项, 排名第 1;
- (3) 江苏省农业科技进步三等奖一项, 排名第 3;
- (4) 获授权国家发明专利 7 项。

论文论著

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2. Zhi Chen, Hailei Xia, Hongliang Shen, Xin Xu, Abdelaziz Adam Idriss Arbab, Mingxun Li, Huimin Zhang, Yongjiang Mao, Zhangping Yang*. *Pathological Features of Staphylococcus aureus Induced Mastitis in Dairy Cows and Isobaric-Tags-for-Relative-and-Absolute-Quantitation Proteomic Analyses*. *J. Agric. Food Chem*, 2018, DOI: 10.1021/acs.jafc.7b05461. (中科院一区, IF: 3.15)

3. Huimin Zhang, Hongrui Jiang, Yongliang Fan, Zhi Chen, Mingxun Li, Yongjiang Mao, Niel A. Karrow, Juan J. Looor, Stephen Moore, Zhangping Yang*, *Transcriptomics and iTRAQ-proteomics Analyses of Bovine Mammary Tissue with Streptococcus agalactiae-induced Mastitis*, *J. Agric. Food Chem*, 2018.8.10, 在线, (中科院一区 3.154)

4. H.M. Zhang, H.L. Xia, H.R. Jiang, Y.J. Mao, K.X. Qu, B.Z. Huang, Y.C. Gong, and Z.P. Yang*. *Longissimus dorsi muscle transcriptomic analysis of Yunling and Chinese Simmental cattle differing in intramuscular fat content and fatty acid composition*, *Genome Vol. 61*, 2018 (四区 1.755)

5. Mingxun Li, Hailei Xia, Dan Chen, Dejun Ji, Tsunoda Kenji, Rui Li, Xiangxiang Liao, Yongjiang Mao, Wei Sun, Rongqing Geng, Zhangping Yang*. *Genetic differentiation and phylogeny of 27 sheep populations based on structural gene loci*. *Molecular and Cellular Probes*, 2018, 37:55-59. (中科院三区, IF: 1.40)

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