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研究方向：物质代谢调节与细胞信号转导



#### 个人简介：

教授、博士生导师，科学研究院产学研合作处处长。2010 年度教育部新世纪优秀人才支持计划获得者，2009 年作为优秀骨干教师被列入南京农业大学“133”人才培养计划。现担任中国畜牧兽医学会全国动物生理生化分会理事、中国生物化学与分子生物学会农业分会理事、江苏省畜牧兽医学会基础科学专业委员会理事。近年来先后主持国家自然科学基金、教育部新世纪优秀人才项目、江苏省自然科学基金项目等科研项目，在国内外核心期刊上发表学术论文 50 余篇。

#### 科研项目：

#### 荣誉奖项：

#### 发明专利：

#### 近年代表性论著：

1. Mengling Peng, Jing Han, Longlong Li, **Haitian Ma\***. Suppression of fat deposition in broiler chickens by (-)-hydroxycitric acid supplementation: A proteomics perspective. *Scientific Reports*, 2016, 6:32580, doi: 10.1038/srep32580 (2016)
2. Xiao Ding, Dian Wang, Longlong Li, **Haitian Ma\***. Dehydroepiandrosterone ameliorates H<sub>2</sub>O<sub>2</sub>-induced Leydig cellsoxidation damage and apoptosis through inhibition of ROS productionand activation of PI3K/Akt pathways. *The International Journal of Biochemistry & Cell Biology*, 2016, 70:126–139
3. Jing Han, Longlong Li, Dian Wang, **Haitian Ma\***. (-)-Hydroxycitric acid reduced fat deposition via regulating lipid metabolism related gene expression in broiler chickens. *Lipids in Health and Disease*, 2016, 15:37-50
4. Di Chen, Jian Kang, Longlong Li, **Haitian Ma\***. Long-term administration of DHEA prevents fat deposition in rats under fed high-fat diet. *Czech Journal Animal Sciences*, 2016, 61 (4): 177–185
5. Lin Liu, Dian Wang, Longlong Li, Xiao Ding, **Haitian Ma\***. Dehydroepiandrosterone inhibits cell proliferation and improves viability by regulating S phase and mitochondrial permeability in primary rat Leydig cells. *Molecular Medicine Reports*, 2016, 14: 705-714.
6. Ningning Han, Longlong Li, Mengling Peng, **Haitian Ma\***. (-)-hydroxycitric acid nourishes protein synthesis via altering metabolic directions of amino acids in male rats. *Phytotherapy research*, 2016, 30 (8) : 1316-1329
7. Jian Kang, Chongyang Ge, Lei Yu, Longlong Li, **Haitian Ma\***. Long-term

administration of dehydroepiandrosterone accelerates glucose catabolism via activation of PI3K/Akt-PFK-2 signaling pathway in rats fed a high-fat diet. *PLoS ONE*, 2016, 11(7): e0159077. doi:10.1371/journal.pone.0159077

8. Yingqiao Zhou, Jian Kang, Di Chen, Ningning Han, **Haitian Ma\***. Ample evidence: dehydroepiandrosterone (DHEA) conversion into activated steroid hormones occurs in adrenal and ovary in female rat. *PLoS ONE*, 2015, 10(5): e0124511. doi:10.1371/journal.pone.0124511
9. Lin Liu, Jian Kang, Xiao Ding, Di Chen, Yingqiao Zhou, **Haitian Ma\***. Dehydroepiandrosterone-regulated testosterone biosynthesis via activation of the ERK1/2 signaling pathway in primary rat leydig cells. *Cellular Physiology and Biochemistry*, 2015, 36:1778-1792
10. Fujian Yin, Jian Kang, Ningning Han, **Haitian Ma\***. Effect of dehydroepiandrosterone treatment on hormone levels and antioxidant parameters in aged rats. *Genetics and Molecular Research*, 2015, 14(3): 11300-11311.
11. Guanxing Liu, Ningning Han, Jing Han, Di CHen, Jian Kang, **Haitian Ma\***. Garcinia Cambogia Extracts Prevented Fat Accumulation via Adiponectin-AMPK Signaling Pathway in Developing Obesity Rats. *Food Science and Technology Research*, 2015, 21 (6), 835-845.