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2003年毕业于山东农业大学获农学硕士学位，期间主要从事小麦基因工程方面的研究。通过农杆菌介导的遗传转化成功地将胰蛋白酶抑制基因转入到普通小麦，转基因小麦材料的抗虫性得到增加。2007年毕业于南京农业大学农学院，获农学博士学位，毕业后留校工作。于2010年赴应邀到美国Clemson大学进行植物基因工程方面的合作研究。现主持国家自然科学基金一项，博士点基金项目一项，校青年创新基金一项，“863”子课题一项，转基因专项子课题2项。作为主要参加人参加了国家自然科学基金重点项目一项，“863”课题1项，“973”课题2项。

#### 近期著作：

Li Z, Zhou M, Hu Q, Reighard S, Yuan S, Yuan N, San B, Li D, Jia H and Luo H. (2011) Manipulating expression of tonoplast transporters. In: Methods in Molecular Biology – Plant Salt Tolerance, Shabala, S. (ed.) Humana Press Inc., Totowa, NJ (in press).

Ding LN, Xu HB, Yi HY, Yang LM, Kong ZX, Zhang LX, Xue SL, Jia HY, Ma ZQ. 2011. Resistance to hemi-biotrophic *F. graminearum* infection is associated with coordinated and ordered expression of diverse defense signaling pathways. PLoS One 6:e19008

Xue SL, Xu F, Tang MZ, Zhou Y, Li GQ, An X, Lin F, Xu HB, Jia HY, Zhang LX, Kong ZX, Ma ZQ. 2011. Precise mapping Fhb5, a major QTL conditioning resistance to Fusarium infection in bread wheat (*Triticum aestivum* L.). Theor Appl Genet 123:1055-63

Jia HY, Yu J, Yi DL, Cheng Y, Xu WQ, Zhang LX, Ma ZQ. (2009) Chromosomal intervals responsible for tissue culture response of wheat immature embryos. Plant Cell Tiss Organ Cult. Plant Cell Tiss Organ Cult 97:159-165

Jia HY, Yi DL, Yu J, Xue SL, Xiang Y, Zhang CQ, Zhang ZZ, Zhang LX, Ma ZQ (2007) Mapping QTLs for tissue culture response of mature wheat embryos. Mol & Cells. 23, 323-330

Wei LZ, Tao Y, Jia HY, Zhang LX, Xu P, Wang YZ, Zhang ZZ, Zhang CQ, Ma ZQ (2009). Highly Conserved *UFD1* Proteins Among Eukaryotes Exhibit Considerable C-Terminus Diversity in Different Taxa. Plant Mol Biol

Ji-shan niu; Hai-Yan Jia; Bao-Qin Wang; Jun Yin; Zheng-Qiang Ma, (2010) Development of an STS marker linked to powdery mildew resistance genes PmLK906 and Pm4a by gene chip hybridization. *Agricultural Sciences in China*, 9:331-336.

Haiyan Jia, Yan Cheng, Wenqi Xu, Li Ma, Zhengqiang Ma (2009) RNAi-mediated suppression of TaUFD1 alters plant height and growth periods in Wheat. *Plant Genomics in China VI*. p138

Xue SL, Li GQ, Jia HY, Lin F, Cao Y, Xu F, Tang MZ, Wang Y, Wu XY, Zhang ZZ, Zhang LX, Kong ZX, Ma ZQ. (2010) Marker-assisted development and evaluation of near-isogenic lines for scab resistance QTLs of wheat. *Mol Breeding*. 25:397 - 405

Xue SL, Li GQ, Jia HY, Xu F, Lin F, Tang MZ, Wang Y, An X, Xu HB, Zhang LX, Kong ZX, Ma ZQ (2010) Fine mapping Fhb4, a major QTL conditioning resistance to Fusarium infection in bread wheat (*Triticum aestivum* L.). *Theor Appl Genet*. doi:10.1007/s00122-010-1298-5

Bi RM; Jia HY; Feng DS; Wang HG (2006) Production and analysis of transgenic wheat (*Triticum aestivum* L.) with improved insect resistance by the introduction of cowpea trypsin inhibitor gene. *Euphytica*. 151, 351-360

Jia HY, Xiang Y, Qin DH, Ma ZQ (2005) Identification and characterization of wheat genotypes competent for *A. Tumfaciens* mediated-transformation. *Plant Genomics in China VI*. p85.

贾海燕, 姚国旗, 张政值, 许红星, 付必胜, 孔忠新, 马正强 (2009) 一个一粒小麦抗白粉病主效QTL的定位. *分子植物育种*. 7: 646-652

贾海燕, 赵文芳, 马正强 (2009) 禾本科新型模式植物二穗短柄草的研究进展. *麦类作物学报*. 29:1123-1128

贾海燕, 毕瑞明, 王黎明, 高居荣, 王洪刚 (2007) 农杆菌介导转基因小麦植株的获得和检测. *山东农业大学学报 (自然科学版)* 38: 493-495

毕瑞明, 贾海燕, 封德顺 (2006) 农杆菌介导抗储粮害虫转基因小麦 (*Triticum aestivum* L.) 的获得及分析. *生物工程学报* 22: 431-437

贾海燕, 王洪刚 (2003) 小麦愈伤组织诱导及其再生能力影响因素的研究 *山东农业大学学报 (自然科学版)* 34: 9-14