

CURRICULUM VITAE

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Research Interest			
<ul style="list-style-type: none"> ■ Fertility regulation physiology and Technology ■ Lactation regulation physiology and Technology 			
Education & Working Experience			
Education background:			
2013.1---2015.5:	Postdoctoral scholar, Department of Obstetrics & Gynecology, University of Nebraska Medical Center, America		
2006.9---2009.7:	Ph.D., Animal Genetics, breeding and Reproduction, Huazhong Agricultural University, Wuhan, P. R. China		
2003.9---2006.6:	MS, Animal Genetics, breeding and Reproduction, Huazhong Agricultural University, Wuhan, P. R. China		
1999.9---2003.6:	Bachelor, Animal Science Huazhong Agricultural University, Wuhan, P. R. China		
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Working experience			
2019.05---2020.09	Visiting Associate Professor, Department of Obstetrics & Gynecology, University of Nebraska Medical Center, America		
2012.01---now	Associate Professor, Department of Animal Reproduction, College of animal science & technology, Huazhong Agricultural University, Wuhan P. R. of China		
2009.07---2011.12	Lecturer, Department of Animal Reproduction, College of animal science & technology, Huazhong Agricultural University, Wuhan P. R. of China		
Publications			

请附上照片

1. **Hua G**, Lv X, He C, Remmenga SW, Rodabough KJ, Dong J, Yang L, Lele SM, Yang P, Zhou J, Karst A, Drapkin RI, Davis JS, Wang C. YAP induces high-grade serous carcinoma in fallopian tube secretory epithelial cells. *Oncogene*. 2016, 35(17):2247-65.
2. **G Hua**, C He, X Lv, L Fan, C Wang, S W Remmenga, K J Rodabaugh, L Yang, S M Lele, P Yang, A R Karpf, J S Davis, C Wang. The four and a half LIM domains 2 (FHL2) regulates ovarian granulosa cell tumor progression via controlling AKT1 transcription. *Cell Death Dis*. 2016, 7(7): e2297.
3. **Hua G**, George JW, Clark KL, Jonas KC, Johnson GP, Southeikal S, Guda C, Hou XY, Blum HR, Eudy J, Butnev VY, Brown AR, Katta S, May JV, Bousfield GR, Davis JS*. Hypo-glycosylated hFSH drives ovarian follicular development more efficiently than fully-glycosylated hFSH: enhanced transcription and PI3K and MAPK signaling. *Human Reproduction*, 2021, 36(7): 1891-1906
4. Shao B#, Sun H#, Ahmad MJ#, Ghanem N, Abdel-Shafy H, Du C, Deng T, Mansoor S, Zhou Y, Yang Y, Zhang S, Yang L, **Hua G***. Genetic Features of Reproductive Traits in Bovine and Buffalo: Lessons From Bovine to Buffalo. *Front Genet*. 2021, 12:617128. doi: 10.3389/fgene.2021.617128
5. Lin Y, Yang H, Ahmad MJ, Yang Y, Yang W, Riaz H, Abulaiti A, Zhang S, Yang L, **Hua G***. Postpartum Uterine Involution and Embryonic Development Pattern in Chinese Holstein Dairy Cows. *Front Vet Sci*. 2021, 7: 604729
6. Shengchao Zhang, Sibtain Ahmad, Yuxia Zhang, **Guohua Hua***, JianmingYi*. Long intergenic non-coding RNAs in the mammary parenchyma and fat pad of pre-weaning heifer calves: Identification and functional analysis. *Animals* 2021, 11(5):1268; doi:10.3390/ani11051268
7. Abulaiti A, Ahmed BZ, Naseer Z, El-Qaliouby HS, Iqbal MF, **Hua G***, Yang L*. Effect of capsaicin supplementation on lactational and reproductive performance of Holstein cows in the summer. *Animal Production Sci*, DOI: 10.1071/an20439.
8. Abulaiti A , Ahmed BZ, Naseer Z, El-Qaliouby HS, Iqbal MF, **Hua G***, Yang L*. GPGMH, a new fixed method of timed-AI synchronization regimen for Swamp and River crossbred buffaloes (*Bubalus bubalis*). *Frontiers in Veterinary Science*, 2021, Q1. doi: 10.3389/fvets.2021.646247.
9. Du C, Davis JS , Chen C, Li Z, Cao Y, Sun H, Shao BS, Lin YX, Wang YS, Yang LG, **Hua G***. FGF2/FGFR signaling promotes cumulus-oocyte complex maturation in vitro. *Reproduction (Cambridge, England)*, 2020, 161(2): 205-214.
10. Yu MF, Zhao XM, Cai H, Yi JM*, **Hua G***. Dihydropyridine Enhances the Antioxidant Capacities of Lactating Dairy Cows under Heat Stress Condition. *Animals (Basel)*. 2020, 10(10): E1812.
11. Wang C, Lv X, He C, Davis JS, Wang C, **Hua G***. Four and a Half LIM Domains 2 (FHL2) Contribute to the Epithelial Ovarian Cancer Carcinogenesis. *Int J Mol Sci*. 2020, 21(20): 7751.
12. Chao Du, Tingxian Deng, Yang Zhou, Tingzhu Ye, Zichao Zhou, Shen Zhang, Baoshun Shao, Pengfei Wei, Hui Sun, Faheem Ahmed Khan, Liguang Yang, **Guohua Hua***. Systematic analyses for candidate genes of milk production traits in water buffalo (*Bubalus Bubalis*). *Animal Genetics*, 2019, 50(3): 207-216.
13. Du C, Deng TX, Zhou Y, Ghanem N, **Hua GH***. Bioinformatics analysis of candidate genes for milk production traits in water buffalo (*Bubalus bubalis*). *Trop Anim Health Prod.*, 2020, 52(1): 63-69.
14. **Hua GH**, Yang LG. A review of research progress of FecB gene in Chinese breeds of sheep. *Anim Reprod Sci*, 2009, 116(1-2):1-9
15. **Hua GH**, Chen SL, Yu JN, Cai KL, Wu CJ, Li QL, Zhang CY, Liang AX, Han L, Geng LY, Shen Z, Xu DQ, Yang LG. Polymorphism of the growth hormone gene and its association with growth traits in Boer goat bucks. *Meat Science*. 2009, 81(2): 391 - 395
16. **Hua GH**, Yang LG, Ai JT, Chen SL. None of polymorphism of ovine fecundity major genes FecB and FecX was tested in goat. *Anim Reprod Sci*. 2008, 108(3-4):279-286
17. Lv XM#, He CB#, Huang C, **Hua GH**, Chen XC, Timm BK, Maclin VM, Haggerty AA, Aust SK,

- Golden DM, Dave BJ, Tseng YA, Chen L, Wang HB, Chen PC, Klinkebiel DL, Karpf AR, Dong JX, Drapkin RI, Rueda BR, Davis JS, Wang C*. Reprogramming of ovarian granulosa cells by YAP1 leads to development of high-grade cancer with mesenchymal lineage and serous features. *Science Bulletin*, 2020, 65(15): 1281-1296. DOI: 10.1016/j.scib.2020.03.040
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 21. Chunbo He, Xiangmin Lv, Cong Huang, **Guohua Hua**, Bowen Ma, Xingcheng Chen, Peter C Angeletti, Jixin Dong, Jin Zhou, Zhengfeng Wang, Bo R Rueda, John S Davis, Cheng Wang. YAP1-LATS2 feedback loop dictates senescent or malignant cell fate to maintain tissue homeostasis. *EMBO reports*, 2019, 20(3). pii: e44948. doi: 10.15252/embr.201744948.
 22. Shenhe Liu, Tingzhu Ye, Zipeng Li, Jun Li, Ahmad Muhammad Jamil, Yang zhou, **Guohua Hua**, Aixin Liang, Tingxian Deng*, and Liguang Yang*. Identifying Hub Genes for Heat Tolerance in Water Buffalo (*Bubalus bubalis*) Using Transcriptome Data [J]. *Frontiers in Genetics*. 2019,10:209. doi: 10.3389/fgene.2019.00209.
 23. He C, Mao D, **Hua G**, Lv X, Chen X, Angeletti PC, Dong J, Remmenga SW, Rodabaugh KJ, Zhou J, Lambert PF, Yang P, Davis JS, Wang C. The Hippo/YAP pathway interacts with EGFR signaling and HPV oncoproteins to regulate cervical cancer progression. *EMBO Mol Med.* 2015, 7(11): 1426-49. doi: 10.15252/emmm.201404976
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 26. Wang C, Lv X, He C, **Hua G**, Tsai MY, Davis JS. The G-protein-coupled estrogen receptor agonist G-1 suppresses proliferation of ovarian cancer cells by blocking tubulin polymerization. *Cell Death Dis.* 2013, 4:e869. doi: 10.1038/cddis.2013.397.
 27. M'baye M, **Hua G**, Khan HA, Yang L. RNAi-mediated knockdown of INHBB increases apoptosis and inhibits steroidogenesis in mouse granulosa cells. *J Reprod Dev.* 2015, 61(5):391-7. doi: 10.1262/jrd.2014-158
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 29. Lv X, He C, Huang C, **Hua G**, Wang Z, Remmenga SW, Rodabaugh KJ, Karpf AR, Dong J, Davis JS, Wang C. G-1 Inhibits Breast Cancer Cell Growth via Targeting Colchicine-Binding Site of Tubulin to Interfere with Microtubule Assembly. *Mol Cancer Ther.* 2017, 16(6):1080-1091. doi: 10.1158/1535-7163.MCT-16-0626.