

Current personal Information

Name: Wenteng He
Email: wenteng.he@ki.se
Address: Karolinska Institutet
Department of Physiology and Pharmacology (FyFa),
Karolinska Vägen 6, Building L8, 171 76 Stockholm, Sweden.
Phone: +46-0730866077

Education and work experience

2016.9-2010.6	College of Life Science, North-east Agricultural University	Bachelor's degree
2010.9-2013.6	College of Life Science, North-east Agricultural University	Master's degree
2013.6-2014.9	National institute of biological sciences, Beijing	Microinjection technician
2014.9-2018.2	School of Life Sciences and Technology, Tongji University	Doctor's degree
2018.2-2021.4	School of Life Sciences and Technology, Tongji University	Postdoc researcher

Publications

[1].Yingdong Liu, Yanping Zhang, Jiqing Yin, Yawei Gao, Yanhe Li, Dandan Bai, **Wenteng He**, Xueliang Li, Pengfei Zhang, Rongnan Li, Lingkai Zhang, Yanping Jia, Yalin Zhang, Jiaming Lin, Yi Zheng, Hong Wang, Shaorong Gao, Wenxian Zeng, Wenqiang Liu. (2019). "Distinct H3K9me3 and DNA methylation modifications during mouse spermatogenesis." *J Biol Chem* 294(49): 18714-18725.

[2].**Wenteng He**, Jiayu Chen, Shaorong Gao. (2019). "Mammalian haploid stem cells: establishment, engineering and applications." *Cell Mol Life Sci* 76(12): 2349-2367.(review)

[3].**Wenteng He**#, Xiaobai Zhang#, Yalin Zhang, Weisheng Zheng, Zeyu Xiong, Xinjie Hu, Mingzhu Wang, Linfeng Zhang, Kun Zhao, Zhibin Qiao, Weiyi Lai, Cong Lv, Xiaochen Kou, Yanhong Zhao, Jiqing Yin, Wenqiang Liu, Yonghua Jiang, Mo Chen, Ruimin Xu, Rongrong Le, Chong Li, Hong Wang, Xiaoping Wan, Hailin Wang, Zhiming Han, Cizhong Jiang,*, Shaorong Gao,*, and Jiayu Chen,*. (2018). "Reduced Self-Diploidization and Improved Survival of Semi-cloned Mice Produced from Androgenetic Haploid Embryonic Stem Cells through Overexpression of Dnmt3b." *Stem Cell Reports* 10(2): 477-493.

[4].Bingjie Zhang, Hui Zheng, Bo Huang, Wenzhi Li, Yunlong Xiang, Xu Peng, Jia Ming, Xiaotong Wu, Yu Zhang, Qianhua Xu, Wenqiang Liu, Xiaochen Kou, Yanhong Zhao, **Wenteng He**,...Jie Na&Wei Xie et al (2016). "Allelic reprogramming of the histone modification H3K4me3 in early mammalian development." *Nature* 537(7621): 553-557

[5].Zeyu Xiong, Li Yi, Dingya Cao, **Wenteng He**, Jiayu Chen, Shaorong Gao, Xiaofang Sun

(2016). "Dravet syndrome with autism inherited from a paternal mosaic heterozygous mutation on SCN1A." *J Neurol Sci* 369: 53-56.

[6].Wenqiang Liu, Jiqing Yin, Xiaochen Kou, Yonghua Jiang, Haibo Gao, Yanhong Zhao, Bo Huang, **Wenteng He**, Hong Wang, Zhiming Han,Shaorong Gao(2014)."Asymmetric Reprogramming Capacity of Parental Pronuclei in Mouse Zygotes." *Cell reports* 6(6): 1008-1016.

[7].Qi Chen, Shuai Gao, **Wenteng He**, Xiaochen Kou, Yanhon Zhao, Hong Wang, Shaorong Gao(2014). "Xist repression shows time-dependent effects on the reprogramming of female somatic cells to iPSCs." *Stem Cells* Oct;32(10):2642-56.

[8].Gerelchimeg Bou, Mingju Sun, Ming Lv, Jiang Zhu, Hui Li, Juan Wang, Lu Li, Zhongfeng Liu, Zhong Zheng, **Wenteng He**, Qingran Kong, Zhonghua Liu (2014). "A pre-breeding screening program for transgenic boars based on fluorescence in situ hybridization assay." *Transgenic research*: 1-11.

[9].**Wenteng He**#, Qingran Kong#, Yongqian Shi, Bingteng Xie, Mingxia Jiao, Tianqing Huang, Shimeng Guo, Kui Hu, Zhonghua Liu (2013). "Generation and Developmental Characteristics of Porcine Tetraploid Embryos and Tetraploid/diploid Chimeric Embryos." *Genomics, Proteomics & Bioinformatics* 11(5): 327-333.