Mei wang

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# Highlight

* **Publications on high impact journals, Leukemia (IF=12.1), Breast Cancer Research (IF=5.5)**
* **Oversea study and work experience**
* **Research interest: application of bioinformatics and statistical methodologies to solve problems in integrative genomics and molecular epidemiology, especially cancer genomics**

# Education

* **Ph.D., Genetics, Beijing Institute of Genomics, Chinese Academy of Sciences.** Dissertation: Fine mapping of candidate region for nonsyndromic cleft lip with or without palate in Chinese Han population. July 2010.
* **Master of Medical Science, Epidemiology, Karolinska Institute.** Thesis: Isoform expression profile analysis on breast cancer. June 2015.
* **Bachelor of Medicine, Preventive Medicine, School of Public Health, Health Science Center of Peking University.** Dissertation: Relationship of blood glucose and lipoprotein lipase HindⅢ and S447X variants in essential hypertensive patients. July 2005.

# Experience

**Postdoctoral Fellow | Department of Epidemiology and Biostatistics, Karolinska Institute, Sweden | 2015 – now**

* Determining breast cancer histological grade from RNA sequencing data using statistical learning method
* Genomic and transcriptomic profile analysis on acute myeloid leukemia to predict disease outcome

**Health Economic Analyst | OptumInsight, UniteHealth Group, Sweden | 2014**

* Cost illness analysis on multiple sclerosis in Europe
* Systematic review on phase II clinical trials on antiretroviral therapy

**Postdoctoral Research Fellow | University of California, Davis, US | 2011 – 2011**

* RNA-seq analysis on stress response of Salmonella Enteriaca Serovar Typhimurium
* Candidate gene association study on human bladder exstrophy-epispadias complex

**Doctoral Research | Beijing Institute of Genomics, Chinese Academy of Science, China | 2005 – 2011**

* Family-based association study of nonsyndromic cleft lip with or without palate in Chinese Han population
* Oncogene mutation analysis on congenital nevi in Chinese people
* Mitochondrial Genome Analysis of Tibetan from Different Elevations

# skills

* UNIX OS, Windows Office Applications
* Statistical and bioinformatics related software (conduct analysis in R, SAS, SPSS, PLINK, LINKAGE, Mendel, FBAT; development of R package)
* Molecular biological experiments (DNA and RNA extraction and quality control methods, Next Generation Sequence library construction, microarray preparation and Illunima genotyping platform operation, PCR, qPCR, bacteria and cell growth and maintenance)
* Human subjects study design and IRB process

# publications

* **Mei Wang**, Johan Lindberg, Mattias Rantalainen, Daniel Klevebring, Christer Nilsson, Arvind Singh Mer, Sören Lehmannb, Henrik Grönberg. Validation of risk stratification models in AML using sequencing-based molecular profiling. Leukemia, 2017.( doi: 10.1038/leu.2017.48) **(IF=12.1, No.1 journal in Hematology)**
* Arvind Singh Mer, Johan Lindberg, Christer Nilsson, Daniel Klevebring, **Mei Wang**, Henrik Grönberg, Sören Lehmann, Mattias Rantalainen. Expression levels of long non-coding RNAs are prognostic of AML outcome. (Submitted to Nature Communications)
* Di Wu\*, **Mei Wang**\*, Xingang Wang, Yong-Biao Zhang, Tao Song, Ningbei Yin, Zhenmin Zhao. Protective Effect of IRF6 rs2235371 on Developing Nonsyndromic Cleft Lip with or without Palate in Chinese Population. (Submitted to Archives of Oral Biology, \*Co-first author)
* **Mei Wang**, Daniel Klevebring, Henrik Grönberg, Mattias Rantalainen. [Determining breast cancer histological grade from RNA sequencing data](https://breast-cancer-research.biomedcentral.com/articles/10.1186/s13058-016-0710-8). Breast Cancer Research, 2016. 18: 48. (PMID: 27165105) **(IF=5.5)**
* Lihong Qi, **Mei Wang**, Garima Yagnik, John P. Gearhart, Anne-Karolin Ebert, Wolfgang Rösch, Manuel Mattheisen, Michael Ludwig, Markus Draaken, Heiko Reutter, Simeon A. Boyadjiev. [Candidate gene association study implicates p63 in the etiology of nonsyndromic bladder-exstrophy-epispadias complex](http://onlinelibrary.wiley.com/doi/10.1002/bdra.23161/full). Birth Defects and Research Part A, 2013. 97(12): 759-63. (PMID: 23913486) **(IF=1.95)**
* Di Wu\*, **Mei Wang\*,** Xingang Wang, Ningbei Yin, Tao Song, Haidong Li, Feng Zhang, Yongbiao Zhang, Zhenqing Ye, Jun Yu, Duen-Mei Wang, Zhenmin Zhao. [Maternal transmission effect of a PDGF-C SNP on nonsyndromic cleft lip with or without palate from a Chinese population](http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0046477). PLoS ONE, 2012. 7(9): e46477. (\*Co-first author) (PMID: 23029525) **(IF=3.2)**
* Di Wu\*, **Mei Wang\*,** Xingang Wang, Ningbei Yin, Tao Song, Haidong Li, Jun Yu, Duen-Mei Wang, Zhenmin Zhao. [Lack of BRAF(V600E) mutations in giant congenital melanocytic nevi in a Chinese population](http://journals.lww.com/amjdermatopathology/Abstract/2011/06000/Lack_of_BRAFV600E_Mutations_in_Giant_Congenital.2.aspx). Am J Dermatopathol, 2011. 33(4): 341-344. (\*Co-first author) (PMID: 21430505) **(IF=1.4)**
* Yongbiao Zhang, Feng Zhang, Hongbin Lin, Lei Shi, Panpan Wang, Li Shi, Qiang Gong, Xin Li, Mei Wang, Songnian Hu, Jiayou Chu and Duen-Mei Wang. [Nucleotide polymorphism of the TNF gene cluster in six Chinese populations](http://www.nature.com/jhg/journal/v55/n6/abs/jhg201033a.html). J Hum Genet, 2010. 55(6): p. 350-7. (PMID: 20505680) **(IF=2.5)**

# Conference presentations

* EMBL Conference: Cancer Genomics, November, 2015, Germany. Oral presentation
* KICancer Retreat, September 28, 2015, Sweden. Oral presentation
* Wellcome Genome Campus Courses and Conferences: Genome Informatics, September, 2016, UK. Poster presentation