

Huanwei Wang

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Education

Institute for Molecular Bioscience, University of Queensland, Australia	2017-present
Ph.D., Quantitative Genetics	
Shanghai Jiaotong University School of Medicine, China	2012-2015
M.S., Biochemistry and Molecular Biology	
College of Pharmaceutical Sciences, Zhejiang University, China	2008-2012
B.S., Pharmaceutical Sciences	

Work Experience

GeneDock Inc., Beijing, China	2016-2017
Bioinformatics engineer	

Awards

Excellent Social Work Scholarship	2010
Outstanding Student Leader Awards	2010
Excellent Social Work Scholarship	2011
Excellent Student Awards	2011
Third-Class Scholarship for Outstanding Students	2011

Computational training and Skills

“Dragon Star” Program

Bioinformatics summer course

Computing for Data Analysis

The Data Scientist’s Toolbox

Introduction to Biology - The Secret of Life

Coursera or Edx online courses

Programming

Python, awk, R, shell scripts and limited database language (such as SQL and XML) and MATLAB skills, docker

Bioinformatics analysis

ChIP-seq, RNA-seq, Microarray analysis, gene functional enrichment, machine learning

Publications

1. Yizhen Li, Huanwei Wang, Xiaoling Wang, Wen Jin, Yun Tan, Hai Fang, Saijuan Chen, Zhu Chen, and Kankan Wang. Genome-wide studies identify a novel interplay between AML1 and AML1/ETO in t(8;21) acute myeloid leukemia. Blood, 2015; 127(2): 233-242. (co-first author).
2. Hui Zhang, Jianqing Mi, Hai Fang, Zhao Wang, Chun Wang, Lin Wu, Bin Zhang, Mark Minden, Wentao Yang, Huanwei Wang, Junmin Li, Xiaodong Xi, Saijuan Chen, Ji Zhang, Zhu Chen, and Kankan Wang. Preferential eradication of acute myelogenous leukemia stem cells by fenretinide. Proc. Natl. Acad. Sci. U. S. A., 2013; 110: 5606-5611.

Publications in Chinese

1. 陶蓉蓉, 陈颖娴, 张根生, 刘璐璐, 王焕威, 邵雪晶, 朱俊峰, 韩峰. 过氧亚硝基阴离子信号通路参与血管内皮细胞损伤机制研究及药物调控. 中国药理通讯, 2010; 27(2): 47-47.