Xiaojie Qiu

Department of Genome Sciences
MCB program
University of Washington
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Education

Phd candidate (Supervisor: **Dr. Cole Trapnell**)	*University of Washington, MCB program*	Sep. 2013 -

Rotation lab:

Bob Waterson (GS)

John Stam (GS)

David Baker (Biochemistry)

Research Staff (Supervisor: **Dr. Sui Huang**)	*Institute for Systems Biology*	*Jan. 2012-Sep. 2013*
Research Intern (Supervisor: **Dr. Ping Ao**)	*Shanghai Jiaotong Univeristy*	*Sep. 2011-Jun. 2012*
Master of Biomedicine	*East China Normal University*	*Sep. 2009-Jun. 2012*
B.S. of Bioengineer	*Changchun University of Technology*	*Aug. 2004-Jun. 2008*

Publication

Computational Szstems Biology, Edition: 2nd, Chapter: 12***: Discrete Gene Network Models for Understanding Multicellularity and Cell Reprogramming: From Network Structure to Attractor Landscape***   (2013)

Joseph Xu Zhou, *Xiaojie Qiu*, Aymeric Fouquier d'Hérouël, Sui Huang

PLOS one**: *From understanding the development landscape of the canonical fate-switch pair to constructing a dynamic landscape for two-step neural differentiation* (2012)**

Xiaojie Q, Shanshan D, Tieliu S.

BMC Sys. Bio**: A dynamic network of transcription during A. Thaliana pollen development (2011)**

Jigang Wang, *Xiaojie Qiu*, Yuhua Li, Youping Deng and Tieliu Shi

Cell Research: HCCNet: an integrated network database of hepatocellular carcinoma (HCC)   **(2010)**

Bing H., *Xiaojie Q.*, Peng L., Lishan W., Qi L. and Tieliu S

Academic Abilities

Computational and modeling skills

Linux system operation and *LaTex* for scientific documentation

Software and languages for modeling: ***R, Python, Matlab, Bash, C++, Perl, Vcell, XPPAU, PHP, SQL***, *etc.*

Modeling skills include: ***Random Boolean Network, Dynamic System, Stochastic Simulation, Nonequilibrium Statistical Physics and Stochastic Process***

   Github address: https://github.com/Xiaojieqiu

Lab skills: RNA-seq, protein purification, worm techniques, cell culture

Personal Interests:

Enjoy classic music

Read poetry and read philosophy, *etc*.

Cycling, running and body building (Recent favorite exercises is rowing)