Name	Current Position Title
Zhike Zi	BIOSS Incubator (Independent postdoc, project leader) University of Freiburg

EDUCATION/TRAINING

Institution and Location	Degree	Year(s)	Field of Study
South-Central University for Nationalities, Wuhan, China	B.S.	1998-2002	Biochemistry
Tsinghua University, Beijing, China	M.S.	2002-2005	Biology
Humboldt University of Berlin (Max Planck Institute for Molecular Genetics), Berlin, Germany	Dr. rer. nat	2005-2008	Biophysics

Positions and Honours

Employment/Experience

2008-2009, Postdoctoral position in Theoretical Biophysics at Humboldt University of Berlin, Germany (moved from Max Planck Institute for Molecular Genetics)

2009-present, BIOSS incubator (independent postdoc, project leader), BIOSS Centre for Biological Signalling Studies, University of Freiburg, Germany

Honors, Awards, and Scholarships

2005	PhD Scholarship at Max Planck Research Institute, Germany
2006	DAAD exchange scholarship in Virginia Bioinformatics Institute, USA
2007	FEBS Youth Travel Fund grant for the 2nd FEBS Advanced Lecture Course on Systems Biology
2008	Supporting grant for the 3rd International Course in Yeast Systems Biology
2009	Chinese Government Award for Outstanding Self-Financed Students Abroad
2009	EMBO Short Term Fellowship, University of Colorado at Boulder, USA

Other Scientific Activities

Invited reviewer for various scientific journals (e.g. Bioinformatics, BMC Systems Biology, IET Systems Biology, Journal of Mathematical Biology)

Conference talks

2011, the 12th International Conference on Systems Biology, Mannheim.
2008, the 9th ICSB workshop: Integrative research on the TGF-beta pathway, Gothenburg.
2007, the 7th Annual International Workshop on Bioinformatics and Systems Biology, Tokyo
2006, 1st Workshop of Yeast Systems Biology Network, Viena
2006, 3rd ENFIN Workshop and 1st BacReactome Workshop: Systems-level Modelling, Uppsala.

List of Publications

1. **Zi Z**. Sensitivity analysis approaches applied to systems biology models. ***IET Systems Biology***. 2011, 5:336. (Review)

2. Adrover MÀ[#], **Zi Z**[#], Duch A, Schaber J, González-Novo A, Jimenez J, Nadal-Ribelles M, Clotet J, Klipp E, Posas F. Time-dependent quantitative multicomponent control of the G1-S network by the stress-activated protein kinase Hog1 upon osmostress. ***Science Signaling***. 2011, 4:ra63. ([#] contributed equally)

3. **Zi Z**[#,*], Feng Z[#], Chapnick A. D, Dahl M, Deng D, Klipp E, Moustakas A, Liu X*****. Quantitative Analysis of Transient and Sustained Transforming Growth Factor-β Signaling Dynamics. ***Molecular Systems Biology***. 2011, 7:492.

([#] contributed equally, * corresponding authors)

4. **Zi Z.** SBML-PET-MPI: a parallel parameter estimation tool for Systems Biology Markup Language based models. ***Bioinformatics***. 2011, 27:1028-9.

5. **Zi Z***, Liebermeister W, Klipp E*****. A quantitative study of the Hog1 MAPK response to fluctuating osmotic stress in *Saccharomyces cerevisiae*. ***PLoS One***. 2010, 5:e9522.

(* corresponding authors)

6. **Zi Z**, Zheng Y, Rundell AE, Klipp E. SBML-SAT: a systems biology markup language (SBML) based sensitivity analysis tool. ***BMC Bioinformatics***. 2008, 9:342.

7. **Zi Z**, Klipp E. Constraint-based modeling and kinetic analysis of the Smad dependent TGF-beta signaling pathway. ***PLoS One***. 2007, 2:e936.

8. **Zi Z**, Klipp E. Cellular signaling is potentially regulated by cell density in receptor trafficking networks. ***FEBS Letters.*** 2007, 581:4589-95.

9. **Zi Z**, Klipp E. Steady state analysis of signal response in receptor trafficking networks. ***Genome Informatics.*** 2007, 18:100-8.

10. **Zi Z**, Klipp E. SBML-PET: a Systems Biology Markup Language-based parameter estimation tool. ***Bioinformatics.*** 2006, 22:2704-5.

11. **Zi Z**, Cho KH, Sung MH, Xia X, Zheng J, Sun Z. In silico identification of the key components and steps in IFN-gamma induced JAK-STAT signaling pathway. ***FEBS Letters.*** 2005, 579:1101-8.