

Principal Investigator

Name: Lin Qingsong

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Employment History

2003-present Lee Kwan Yew Postdoctoral fellow, Department of Biological Sciences, National University of Singapore

2002-2003 Research Fellow, Department of Biological Sciences, National University of Singapore

2001-2002 Research assistant, Department of Biological Sciences, National University of Singapore

Research Interest:

Proteomics

Mass spectrometry

Cancer/ Oncology

Academic Qualifications:

1991 B. SC. Xiamen University, China

1994 M. Sc. Xiamen University, China

2002 Ph. D. University of Toronto, Canada

Publications: (up to recent 8)

1. Li Z, Lin Q, Yang DSC, Ewart KV and Hew CL (2004) The role of Ca²⁺-coordinating residues of herring antifreeze-protein in antifreeze activity. *Biochem.J.* 43(46):14547-14554.
2. Low, W. K., Lin, Q., and Hew, C. L. (2003) The role of N- and C-termini in the antifreeze activity of winter flounder (*Pleuronectes americanus*) antifreeze proteins. *J Biol Chem.*, 278, 10334-10343.
3. Tan, Y. P., Lin, Q., Wang, X. H., Joshi, S., Hew, C. L., and Leung, K. Y. (2002) Proteomic approach for comparative analysis of extracellular proteins of *Edwardsiella tarda*. *Infect. Immun.*, 70, 6475-6480.
4. Huang, C., Zhang, X., Lin, Q., Xu, X., and Hew, C. L. (2002) Characterization of a novel envelope protein (VP281) of shrimp white spot syndrome virus by mass spectrometry. *J. Gen. Virol.* 83, 2385-2392.
5. Huang, C., Zhang, X., Lin, Q., Xu, X., Hu, Z., and Hew, C. L. (2002) Proteomic analysis of shrimp white spot syndrome viral proteins and characterization of a novel envelope protein VP466. *Mol. Cell. Proteomics* 1, 223-231.
6. Low, W. K., Lin, Q., Stathakis, C., Miao, M., and Hew, C. L. (2001) Isolation and characterization of skin-type, type I antifreeze polypeptides from the longhorn sculpin *Myoxocephalus scorpius*. *J. Biol. Chem.* 276, 11582-11589.
7. Lin, Q., Ewart, K. V., Yang, D. S. C., and Hew, C. L. (1999) Studies of a putative ice-binding motif in winter flounder skin-type antifreeze polypeptide. *FEBS Lett.* 453, 331-334.
8. Lin, Q., Ewart, K. V., Yan, Q., Wong, W. K. R., Yang, D. S. C., and Hew, C. L. (1999) Secretory expression and site-directed mutagenesis studies of the winter flounder skin-type antifreeze polypeptides. *Eur. J. Biochem.* 264, 49-54.

Recent Awards:

- 2004 Young scientist award, the 3rd world congress of the Human Proteome Organization (HUPO), Beijing
- 2003-2006 Lee Kuan Yew postdoctoral fellowship, National University of Singapore
- 2002 Travel award, 11th annual meeting of experimental biology, New Orleans
- 2000 Best Poster award, 14th Symposium of the Protein Society, San Diego
- 1996-2000 University of Toronto Open Fellowship
- 1995-1999 RESTRACOM Fellowship, Hospital for Sick Children, Toronto
- 1995-1996 Connaught Scholarship, University of Toronto