

CURRICULUM VITAE

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EDUCATIONAL BACKGROUND

<i>Dates attended</i>	<i>Degree</i>	<i>Institution name, city and state</i>
1997-2004	Ph.D.	Graduate Institute of Life Sciences National Defense Medical Center, Taipei, Taiwan
1995-1997	M.Sc	Institute of Biotechnology National Taiwan Ocean University, Keelung, Taiwan
1988-1992	B.S.	Department of Agricultural chemistry National Taiwan University, Taipei, Taiwan

PROFESSIONAL POSITIONS AND EMPLOYMENT

<i>Dates</i>	<i>Title</i>	<i>Institution name, city and state</i>
2011-present	Assistant Research Fellow	Genomics Research Center, Academia Sinica, Taipei, Taiwan
2005-2011	Postdoctoral Associate	Department of Biochemistry, Weill Cornell Medical College, New York, NY
1994-1995	Research Assistant	Institute of Molecular Biology, Academia Sinica, Taipei, Taiwan
1992-1994	Platoon Leader, 2 nd lieutenant	Military service in the army, Taiwan

HONORS AND AWARDS

<i>Date awarded</i>	<i>Name of award</i>
2006	Cancer Research Institute Postdoctoral Fellowship
1997	Member of the Phi Tau Phi Scholastic Honor Society

BIBLIOGRAPHY

Peer Reviewed Articles

1. **Lin SC**, Lo YC and Wu H. Helical assembly in the MyD88-IRAK4-IRAK2 complex in TLR/IL-1R signaling. *Nature*. 2010; doi:10.1038/nature09121.465:885-890.
2. Yin Q, **Lin SC**, Lamothe B, Lu M, Lo YC, Hura G, Zheng L, Rich RL, Campos AD, Myszka DG, Lenardo MJ, Darnay BG, Wu H. E2 interaction and dimerization in the crystal structure of TRAF6. *Nat Struct Mol Biol*. 2009; 16:658-666.
3. Lo YC, **Lin SC**, Rospigliosi CC, Conze DB, Wu CJ, Ashwell JD, Eliezer D, Wu H. Structural basis for recognition of diubiquitin by NEMO. *Mol Cell*. 2009; 33:602-61.5
4. **Lin SC**, Chung JY, Lamothe B, Rajashankar K, Lu M, Lo YC, Lam AY, Darnay BG, Wu H. Molecular basis for the unique deubiquitinating activity of the NF-kappaB inhibitor A20. *J Mol Biol*. 2008;376:526-40.
5. Wu H, Tschopp J, **Lin SC**. Smac mimetics and TNFalpha: a dangerous liaison? *Cell*. 2007; 131: 655-658.
6. **Lin SC**, Huang Y, Lo YC, Lu M, Wu H. Crystal structure of the BIR1 domain of XIAP in two crystal forms. *J. Mol. Biol*. 2007; 372:847-54.
7. Lu M, **Lin SC**, Huang Y, Young JK, Rich R, Lo YC, Myszka D, Han J, Wu H. XIAP induces NF-kappaB activation via the BIR1/TAB1 interaction and BIR1 dimerization. *Mol Cell*. 2007; 26:

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8. Park HH, Lo YC, **Lin SC**, Wang L, Yang JK, Wu H. *The Death Domain Superfamily in Intracellular Signaling of Apoptosis and Inflammation*. *Annu Rev Immunol*. 2007; 25: 561-86.
9. Besse A, Lamothe B, Campos AD, Webster WK, Maddineni U, **Lin SC**, Wu H, Darnay BG. *TAK1-dependent signaling requires functional interaction with TAB2/TAB3*. *J. Biol. Chem*. 2007;282:3918-28.
10. Yin Q, Park HH, Chung JY, **Lin SC**, Lo YC, Graca LS, Jiang X, Wu H. *Caspase-9 Holoenzyme Is a Specific and Optimal Procaspase-3 Processing Machine*. *Mol Cell*. 2006; 22: 259-68.
11. Wu PT, **Lin SC**, Hsu CI, Liaw YC, Lin JY. *Inhibitory effects of nontoxic protein volvatoxin A1 on pore-forming cardiotoxic protein volvatoxin A2 by interaction with amphipathic alpha-helix*. *FEBS J*. 2006; 273: 3160-71.
12. Lo YC, **Lin SC**, Shaw JF, Liaw YC. *Substrate specificities of Escherichia coli Thioesterase I/Protease I /Lysophospholipase L₁ are governed by its switch loop movement*. *Biochemistry*. 2005; 44: 1971-9.
13. **Lin SC**, Lo YC, Lin JY, Liaw YC. *Crystal structures and electron micrographs of fungal volvatoxin A2*. *J Mol Biol*. 2004; 343: 477-91.
14. Lo YC, **Lin SC**, Shaw JF, Liaw YC. *Crystal structure of Escherichia coli Thioesterase I/Protease I /Lysophospholipase L₁: Consensus sequence blocks constitute the catalytic center of SGNH-hydrolases through a conserved hydrogen bond network*. *J Mol Biol*. 2003; 330: 539-51.
15. Liu CL, Tsai CC, **Lin SC**, Wang LI, Hsu CI, Hwang MJ, Lin JY. *Primary structure and function analysis of the Abrus precatorius agglutinin A chain by site-directed mutagenesis*. *Pro(199) Of amphiphilic alpha-helix H impairs protein synthesis inhibitory activity*. *J Biol Chem* 2000; 275: 1897-1901.
16. Panneerselvam K, **Lin SC**, Liu CL, Liaw YC, Lin JY, Lu TH. *Crystallization of agglutinin from the seeds of Abrus precatorius*. *Acta Cryst*. 2000; D56: 898-99.
17. **Lin SC**, Lin JY, Liaw YC. *Crystallization and preliminary x-ray analysis of volvatoxin A2 from Volvariella volvacea*. *Proteins*. 1996; 24: 141-42.
18. **Lin SC**, Yu HH, Liu LF, Lee JY, Huang A, Tam MF, Liaw YC. *Crystallization and preliminary X-ray analysis of chicken-liver glutathione S-transferase CL 3-3*. *Acta Cryst*. 1996; D52: 601-3.
19. Lee CY, Tai CL, **Lin SC**, Chen YT. *Occurrence of plasmids and tetracycline resistance among Campylobacter jejuni and Campylobacter coli isolated from whole market chickens and clinical samples*. *Int J Food Microbiol*. 1994; 24:161-70.

Books and Book Chapters

1. Wu H, Lo YC and **Lin SC**. *Recent advances in polyubiquitin chain recognition*. *F1000 Biology Reports*. 2010; 2:20
2. Yin Q, **Lin SC**, Lo YC, Damo SM and Wu H. *Tumor necrosis factor-associated factors in immune receptor signal transduction.*; In Bradshaw RA and Dennis EA ed.: *Handbooks of Cell Signaling* 2nd edition. Oxford:Academic Press 2009. pp 339-346.
3. Chung J, Lu M, Yin Q, **Lin SC** and Wu H. *TNF receptor associated factors: Molecular basis for the unique specificity of TRAF6*. *Adv Exp Med Biol*. 2007; 597:122-30.