

- **Name / Position**

Lin, Ying-Chi Assistant Professor

- **Office Address :**

School of Pharmacy

College of Pharmacy

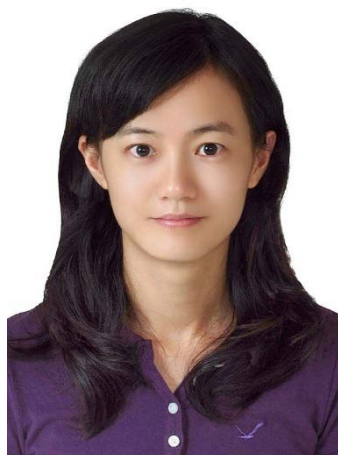
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- **The Highest Education Degree**

PhD., Experimental and Clinical Pharmacology, College of Pharmacy, University of Minnesota

- **Association**

- American Society for Microbiology (ASM)

European Society of Clinical Microbiology and Infectious Diseases (ESCMID)

Research Area

- 1. Bacterial pathogenesis
- 2. Infectious diseases
- 3. Antimicrobial agent development

Recent Publications

- 1. **Y.C. Lin**, P.L. Wei, Y.T. Tsai, J.H. Wong, C.M. Chang, J. Y. Wang, M.F. Hou, Y.C. Lee, H.Y. Chuang, W.C. Chang. (Sep, 2013) Pb₂₊-induced IL-8 gene expression by extracellular signal-regulated kinases and the transcription factor, activator protein 1, in human gastric carcinoma cells. *Environ. Toxicol.* doi: 10.1002/tox.21909
- 2. **Y.C. Lin**, C.C. Wang, I.S. Chen, J.L. Jheng, J.H. Li, C.W. Tung (May, 2013) TIPdb: A Database of Anticancer, Antiplatelet, and Antituberculosis Phytochemicals from Indigenous Plants in Taiwan. *The Scientific World Journal* 736386
- 3. A.R. Spaulding, **Y.C. Lin**, J.A. Merriman, A.J. Brosnahan, M.L. Peterson, P.M. Schlievert. (July, 2012) Immunity to *Staphylococcus aureus* secreted proteins protects rabbits from serious illnesses. *Vaccine*. 30(34): 5099-109
- 4. M.J. Anderson, **Y.C. Lin**, A.N. Gillman, P.J. Park, P.M. Schlievert, M.L. Peterson. (May, 2012) Alpha-toxin promotes *Staphylococcus aureus* mucosal biofilm formation. *Frontiers in cellular and infection microbiology*. 2: 64
- 5. A.R. Spaulding, E.A. Satterwhite, **Y.C. Lin**, O.N. Chuang-Smith, K.L. Frank, J.A. Merriman, M.M. Schaefer, J.M. Yarwood, M.L. Peterson, P.M. Schlievert. (Feb, 2012) Comparison of *Staphylococcus aureus* strains for ability to cause infective

endocarditis and lethal sepsis in rabbits. *Frontiers in cellular and infection microbiology*. 2: 18

6. **Y.C. Lin**, M.J. Anderson, P.L. Kohler, K.L. Strandberg, M.E. Olson, A.R. Horswill, P.M. Schlievert, M.L. Peterson. (2011) Pro-inflammatory exoprotein characterization of toxic shock syndrome *Staphylococcus aureus*. *Biochemistry* 50(33):7157-67
7. **Y.C. Lin**, M.L. Peterson. (2010) New insights into the prevention of staphylococcal infections and toxic shock syndrome. *Expert Rev Clin Pharmacol* 3(6): 753-67
8. M.J. Anderson, M.E. Horn, **Y.C. Lin**, P.J. Parks, M.L. Peterson. (2010) Efficacy of concurrent application of chlorhexidine gluconate and povidone iodine against six nosocomial pathogens. *Am J Infect Control*. 38(10): 826-31
9. P.M. Schlievert, K.L. Strandberg, **Y.C. Lin**, M.L. Peterson, D.Y. Leung. (2010) Secreted virulence factor comparison between methicillin-resistant and methicillin-sensitive *Staphylococcus aureus* and its relevance to atopic dermatitis. *J Allergy Clin Immunol*. 125(1): 39-49
10. K.L. Strandberg, M.L. Peterson, **Y.C. Lin**, D.J. Chase, P.M. Schlievert. (2010) Glycerol monolaurate inhibits *Candida* and *Gardnerella vaginalis* in vitro and in vivo but not *Lactobacillus*. *Antimicrob Agents Chemother*. 54(2): 597-601