

*陳奇良副研究員

所有發表期刊論文

- (1) **Chen CL.** Biocontrol using anti-fungal antibiotics against plant pathogen *Rhizotonia solani*. Department of Botany, National Chung Hsing University, Taizhong, Taiwan, thesis of bachelor, 1988.
- (2) **Chen CL.** Study of fengycin biosynthesis genes of *Bacillus subtilis* F29-3. Department of Botany, National Chung Hsing University, Taizhong, Taiwan, thesis of M.S., 1990.
- (3) To KY, Lai EM, Lee LY, Lin TP, Hung CH, **Chen CL**, Chang YS & Liu ST. Analysis of the gene cluster encoding carotenoid biosynthesis in *Erwinia herbicola* Eho13. *Microbiol* 1994;140: 331-9. (NSC 81-0412-B-182-12)
- (4) Chang LK, **Chen CL**, Chang YS, Tschen JSM, Chen YM & Liu ST. Construction of Tn917ac1, a transposon useful for mutagenesis and cloning of *Bacillus subtilis* genes. *Gene* 1994;150: 129-34.
- (5) **Chen CL**, Chang LK, Chang YS, Liu ST & Tschen JSM. Transposon mutagenesis and cloning of the genes encoding the biosynthesis of fengycin. *Mol. Genet. Genomics* 1995;243:121-5.
- (6) **Chen CL.** Analysis of fengycin biosynthesis genes of *Bacillus subtilis* F29-3. Department of Botany, National Chung Hsing University, Taizhong, Taiwan, thesis of Ph.D., 1995.
- (7) Lin GH, **Chen CL**, Tschen JSM, Tsai SS, Chang YS & Liu ST. Molecular cloning and characterization of fengycin synthetase gene *fenB* from *Bacillus subtilis*. *J Bacteriol* 1998;180:1339-41.
- (8) Lin TP, **Chen CL**, Chang LK, Tschen JSM & Liu ST. Functional and transcriptional analyses of a fengycin synthetase gene *fenC* from *Bacillus subtilis*. *J Bacteriol* 1999;181:5060-7.
- (9) Poon KKH, **Chen CL** & Wong SL. Roles of glucitol in the GutR mediated transcription activation process in *Bacillus subtilis*. Tight binding of GutR to its binding site. *J Biol Chem* 2001;276:9620-5.
- (10) Murashima K, **Chen CL**, Kosugi A, Tamaru Y, Doi RH & Wong SL. Heterologous production of *Clostridium cellulovorans* *engB*, using protease-deficient *Bacillus subtilis*, and preparation of active recombinant cellulosomes. *J Bacteriol* 2002;184:76-81.
- (11) Lin TP, **Chen CL**, Fu HC, Wu CY, Lin GH, Huang SH, Chang LK & Liu ST. Functional analysis of fengycin synthetase FenD. *Biochimica et Biophysica Acta* 2005;1730:159-64. (Supported by grants NSC92-2320-B-182-044 and NSC90-2320-B-041-014)
- (12) **Wu CY, Chen CL**, Wu IC, Lee YS & Liu ST. Fengycin synthetase complex in *Bacillus subtilis* F29-3. *J Biol Chem* 2007;282:5608-16 (IF: 4.773; R/C= 66/290 · BIOCHEMISTRY & MOLECULAR BIOLOGY) (Wu and Chen are equal contribution) (Supported by grant NSC95-3112-B-182-002)
- (13) **Chen CL**, Wu XC, Tjia WM, Wang CLC, Lohka M J & Wong SL. Characterization of the *Bacillus subtilis* LytE cell wall binding module and the development of a LytE-based surface display system for a high-density surface display of enzymatically active β -lactamase.

- Microbial Biotechnology* 2008;1: 177–90.
- (14) Chiou CS, Lin JM, Chiu CH, Chu CH, Chen SW, Chang YF, Weng BC, Tsay JG, **Chen CL**, Liu CH & Chu C. Prevalent *Salmonella* serogroups and serovars and multi-drug resistance-associated clonal dissemination in serogroup C1 *Salmonella enterica* serovars Braenderup, not Bareilly. *BMC Microbiol* 2009;9:264. (Supported by grant NSC96-2314-B415-001)
- (15) **Chen CL**, Wang CY, Chu C, Su LH & Chiu CH. Functional and molecular characterization of pSE34 encoding a type IV secretion system in *Salmonella enterica* serotype Enteritidis phage type 34. *FEMS Immunology and Medical Microbiology* 2009;57:274-83.
- (16) Chiu CH, Lee HY, Liu SY, Tseng LY, **Chen CL** & Su LH. Mechanisms of resistance to ciprofloxacin, ampicillin/sulbactam and imipenem in *Acinetobacter baumannii* in Taiwan. *Int J Antimicrob Agents* 2010;35:382-6 (Supported by grant 95-2314-B-182A-161-MY2)
- (17) **Ye J, Su LH, Chen CL, Hu S, Wang J, Yu J & Chiu CH**. Analysis of pSC138, the multidrug resistance plasmid of *Salmonella enterica* serotype Choleraesuis SC-B67. *Plasmid* 2011;65:132-40. (IF: 1.8; R/C=99/146 · BIOCHEMISTRY & MOLECULAR BIOLOGY) (Supported by grants CMRPG460102 and NSC96-2314-B-182A-002)
- (18) **Lee HY, Chen CL**, Wang SB, Su LH, Chen SH, Liu SY, Wu TL, Lin TY & Chiu CH. Imipenem heteroresistance induced by imipenem in multidrug-resistant *Acinetobacter baumannii*: mechanism and clinical implication. *Internat J Antimicrob Agent* 2011;37:302-8. (**H.-Y. Lee and C.-L. Chen equally contributed**).
- (19) Su LH, Teng WS, **Chen CL**, Lee HY, Li HC, Wu TL & Chiu CH. Increasing ceftriaxone resistance in salmonellae, Taiwan. *Emerging Infectious Diseases* 2011;17:1086-1090.
- (20) **Chen CL**, Su LH & Chiu CH. Transcription modulation of gene expression in *Salmonella enterica* serotype Choleraesuis by sub-inhibitory concentrations of ciprofloxacin. *Food Research International* 2012;45:973-7.
- (21) Lee HY, Chang RC, Su LH, Liu SY, Wu SR, Chuang CH, **Chen CL** & Chiu CH. Wide-spread of Tn2006 in an AbaR4-type resistance island among carbapenem-resistant *Acinetobacter baumannii* clinical isolates in Taiwan. *Int J Antimicrob Agents* 2012;40:163-7
- (22) Tsai MH, Wu SR, Lee HY, **Chen CL**, Lin TY, Huang YC & Chiu CH. **Recognition of mechanisms involved in bile resistance important to halting antimicrobial resistance in nontyphoidal *Salmonella***. *Int J Antimicrob Agents* 2012;40:151-7.
- (23) Chen SY, Tsai CN, **Chen CL**, Chao SC, Lee YS, Lai MW, Chen CC, Huang WL, and Chiu CH. Severe viral gastroenteritis in children after sub-optimal rotavirus immunization in Taiwan. *Pediatr Infect Dis J* 2013;32(13):1335-9.
- (24) Fan NC, Chen HH, **Chen CL**, Ou LS, Lin TY, Tsai MH, Chiu CH. Rise of community-onset urinary tract infection caused by

- extended-spectrum β -lactamase-producing *Escherichia coli* in children. *J Microbiol Immunol Infect* 2013 Jul 5. pii: S1684-1182(13)00085-6. [Epub ahead of print]
- (25) Huang YK, Ko PJ, **Chen CL**, Tsai FC, Wu CH, Lin PJ and Chiu CH. Therapeutic opinion on endovascular repair for mycotic aortic aneurysm. *Ann Vasc Surg* 2014;28:579-89.
- (26) Huang YK, **Chen CL**, Lu MS, Tsai FC, Lin PJ, Wu CH, Chiu CH. Clinical, microbiological and outcome analysis of mycotic aortic aneurysm: the role of endovascular repair. *Surgical Infections* 2014 (accepted; Manuscript ID: SUR-2013-011.R2)
- (27) Lee HY, **Chen CL**, Wu SR, Huang CW, Chiu CH. Risk Factors and Outcome Analysis of *Acinetobacter baumannii* Complex Bacteremia in Critical Patients. *Critical Care Medicine*. 2014. (Accepted)
- (28) Kung YH, Hsieh YF, Weng YH, Lien RI, Luo J, Wang Y, Huang YC, **Chen CL**, Chen CJ. Risk factors of late-onset neonatal sepsis in Taiwan, a matched case-control study. *J Microbiol Immunol Infect* 2013 (Accepted)
- (29) Yang WC, Chan OW, Wu TL, **Chen CL**, Su LH, Chiu CH. Development of ceftriaxone resistance in *Salmonella enterica* serotype Oranienburg during therapy for bacteremia. *J Microbiol Immunol Infect* 2014 (Accepted)