

CURRICULUM VITAE



SHAN-CHWEN CHANG, M.D., Ph.D.

CURRENT POSITION:

Chief, Division of Infectious Diseases, Department of Internal
Medicine, National Taiwan University Hospital
Professor of Internal Medicine, College of Medicine, National Taiwan University
Professor of Graduate Institute of Clinical Pharmaceutical Science, College of
Medicine, National Taiwan University
Director, Department of Medical Education, National Taiwan University Hospital

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EDUCATION:

1974 - 1981	M.D., Medical School, College of Medicine, National Taiwan University, Taipei, Taiwan
1987 - 1992	Ph.D., Graduate Institute of Clinical Medicine, College of Medicine, National Taiwan University, Taipei, Taiwan

POSTGRADUATE TRAINING:

- 1983 - 1988 Resident in Internal Medicine,
National Taiwan University Hospital
- 1988 Research Fellow in Department of Bacteriology,
School of Medicine, Juntendo University, Tokyo, Japan
- 1995 Visiting Physician, Division of Infectious Diseases,
Department of Medicine, Duke University Medical Center,
Durham, NC, U.S.A.

ACADEMIC APPOINTMENTS:

- 1990 - 1992 Lecturer of Internal Medicine,
National Taiwan University
- 1992 - 2000 Associate Professor of Internal Medicine,
National Taiwan University
- 2000 - present Professor of Internal Medicine,
National Taiwan University
- 2000 - present Professor of Graduate Institution of Clinical Pharmaceutical
Science, National Taiwan University

HOSPITAL APPOINTMENTS:

- 1989 - 1996 Attending Staff, Division of Infectious Diseases,
Department of Internal Medicine,
National Taiwan University Hospital
- 1996 - 1999 Chief, Division of Infection, Immunology and Rheumatology,
Department of Internal Medicine,
National Taiwan University Hospital
- 1999 - present Chief, Division of Infectious Diseases,
Department of Internal Medicine,
National Taiwan University Hospital
- 1990 - 1995 Consultant, Department of Internal Medicine,
Sun Yat-Sen Hospital, Taipei, Taiwan
- 1991 - 1999 Consultant, Department of Internal Medicine,
Lo-Ton Poh-Ai Hospital, Lo-Ton, Taiwan
- 2001 - present Consultant, Department of Internal Medicine,
Makay Memorial Hospital, Taipei, Taiwan

2001 - present Consultant, Department of Internal Medicine,
Far Eastern Memorial Hospital, Taipei, Taiwan

2002 - present Director, Department of Medical Education
National Taiwan University Hospital

SPECIAL APPOINTMENTS:

2003 – present Commander, Infectious Disease Network, North Region of Taiwan,
Department of Health, Taiwan

2003 Chairman, Investigation Team for Laboratory Acquirement of SARS,
Department of Health, Taiwan

BOARD CERTIFICATION:

Internal Medicine - June, 1988
Infectious Diseases - April, 1988

PROFESSIONAL SOCIETIES:

American Society for Microbiology
European Society of Clinical Microbiology and Infectious Diseases
Chinese Society of Microbiology
 (Board of Directory: 1998 - present)
Infectious Disease Society of Taiwan
 (Board of Directory: 1996 - present)
Infection Control Society of Taiwan
 (Board of Directory: 1993 – 1999, 2003 - present)
 (President: 2000 - 2003)
Taiwan Society of Internal Medicine
 (Deputy Secretary-in-General: 2006 - present)
Formosan Medical Association
 (Board of Directory: 2004 – present)
AIDS Society of Taiwan
 (President: 2005 – Present)

COMMITTEES:

1989 - present	Infection Control Committee, National Taiwan University Hospital (Vice-chairman: 2000 - present)
1990 - 1995	Infection Control Committee, Sun Yat-Sen Hospital
1991 - 1999	Infection Control Committee, Lo-Ton Poh-Ai Hospital
1992 - present	Advisory Committee on Hospital Infection Control, Department of Health, Executive Yuan, Taiwan (Chairman: 2000 - present)
1995 - present	Antibiotic Committee, National Taiwan University Hospital (Chairman: 2000 - 2003)
1995 - present	Taiwan Hospital Accreditation Council, Department of Health, Executive Yuan, Taiwan (Chairman of the Subcommittee of Infection Control)
1997 - present	Committee on New Drug Evaluation, Department of Health, Executive Yuan, Taiwan
1999 - present	Committee on Compensation for Drug Injuries, Department of Health, Executive Yuan, Taiwan
1999 - 2001	Drug Committee, Department of Health, Taipei City Government
1999 - present	Advisory Committee on AIDS Control, Department of Health, Executive Yuan, Taiwan
2000 - present	Advisory Committee on Immunization Practices, Department of Health, Executive Yuan, Taiwan
2000 - 2002	Drug Committee, Department of Health, Taipei County Government
2000 – present	Advisory Committee for “Microbial Infections Reference Laboratory”, Division of Clinical Research, National Health Research Institute (Chairman: 2005 - present)
2001 - present	Advisory Board Working on Emerging and Reemerging Infectious Diseases, Centers for Disease Control, Department of Health, Executive Yuan, Taiwan
2001 - 2004	Medical Care Quality Assurance Committee, Department of Health, Executive Yuan, Taiwan
2001 - present	Committee for Monitoring and Improving the Quality of Antibiotic Usage in Taiwan, Center for Disease Control, Department of Health, Taiwan (Chairman)
2002	Inspection Team of Taiwan Medical Accreditation Council, Ministry of Education, Executive Yuan, Taiwan

2003 - 2004	Committee for Patient Safety, Department of Health, Executive Yuan, Taiwan
2003 - present	Advisory Committee for Infection Control, Department of Health, Taipei City Government
2003 - present	Advisory Committee for Prevention and Control of Influenza, Department of Health, Executive Yuan, Taiwan
2004 - present	Committee of Bioterrorism and Emerging Infectious Diseases, Department of Health, Executive Yuan, Taiwan
2005 – present	Advisory Committee for Tuberculosis Control, Department of Health, Executive Yuan, Taiwan

EDITORIAL BOARDS AND REVIEWER:

1991 - 1993	Editor, Nosocomial Infection Control Newsletter
1993 - 1997	Deputy Editor-in-Chief, Journal of Infectious Diseases Society of R.O.C.
1993 -	Reviewer, Journal of Formosan Medical Association
1993 -	Reviewer, Chinese Medical Journal (Taipei)
1994 - 1995	Deputy Editor-in-Chief, Nosocomial Infection Control Newsletter
1996 -	Deputy Editor-in-Chief, Infection Control Journal
1998 -	Editor, Journal of Microbiology, Immunology and Infection
2000 -	Reviewer, Journal of Antimicrobial Chemotherapy
2000 -	Reviewer, Clinical Drug Evaluation (published by adis)
2002 -	Reviewer, Journal of American Medical Association
2003 -	Reviewer, Emerging Infectious Diseases
2004 -	Reviewer, Mycosis
2005 -	Reviewer, Clinical Infectious Diseases
2006 -	Reviewer, American Journal of Infection Control

HONOR AND AWARDS:

Award of Excellent Clinical Service of the Year 1998, National Taiwan University
Hospital

The Best Teacher of the Year 1998, College of Medicine, National Taiwan University

Award of Excellent Clinical Teaching of the Year 1999, National Taiwan
University Hospital

Award of Outstanding Medical Research of the Year 1999, Academic Foundation of
Professor WY Chen

Outstanding Research Award, 1999, National Science Council of Taiwan

Outstanding Research Award, 2000, National Science Council of Taiwan
Award of Excellent Special Lecture of the year 2001, Formosa Medical Association
Award of Excellent Teaching of the Year 2002, National Taiwan University
Award for Special Contribution in SARS Control, 2003, Executive Yuan
Distinguished Citizen of Taipei City, 2003, Taipei City Government
Health Medal, Taiwan Department of Health, 2004
Award for Special Contribution in Research, National Taiwan University, 2004
Award of Taipei Medical Association, 2004
Outstanding Research Award for Excellence in Medical Research, 2005, National Taiwan
University Hospital

PUBLICATIONS:

252 Refereed papers
37 International conference papers
52 Review articles in Chinese
Several Books and Chapters in Chinese and in English

(A) Refereed Paper: (* Corresponding author)

1. **Chang SC***, Lee LN, Kuo SH, Luh KT, Wu SC: Survival of patients with malignant pleural effusion. J Formos Med Assoc 1987;86:672-8. (in Chinese with English abstract)
2. **Chang SC***, Hsieh BS, Luh KT, et al: Aspergillosis of the brain: report of an autopsy proven case. J Formos Med Assoc 1987;86:1287-92.
3. **Chang SC***, Luh KT, Deng LJ, Hsieh WC: Bacteriology of viridans streptococcal bacteremia. Chinese J Microbiol Immunol 1987;20:311-8.
4. **Chang SC***, Hsu LY, Luh KT, Hsieh WC: Methicillin-resistant *Staphylococcus aureus* infections. J Formos Med Assoc 1988;87:157-63.
5. Hsieh WC*, **Chang SC**, Luh KT, Ho SW: Antimicrobial activities of seven new beta-lactam antibiotics. J Formos Med Assoc 1988;87:554-8.
6. **Chang SC***, Hsieh WC, Luh KT, Ho SW: Coagulase typing of *Staphylococcus aureus*. J Infect Dis Society, R.O.C. 1988;1:21-4.
7. Cheng JJ*, Koe YL, **Chang SC**, et al: Retrospective analysis of 97 patients with infective endocarditis seen over the past 8 years. J Formos Med Assoc 1989;88: 213-7.
8. Tseng SH*, Hu FR, Lee GS, **Chang SC**, Chen CL, Luh KT: Acanthamoeba keratitis: report of a case. J Formos Med Assoc 1989;88:512-6.
9. **Chang SC***, Hsieh WC, Luh KT, Ho SW: Effects of antibiotic combinations on methicillin-resistant *Staphylococcus aureus* in vitro. J Formos Med Assoc 1989; 88:488-92.
10. Tseng SH*, Tsai CL, **Chang SC**, Shih YF, Ko LS: Quantitation of glycocalyx in contact lens contamination - an experimental model in evaluation of bacterial adherence. Trans Ophthalmol Society, R.O.C. 1990;29:25-30. (in Chinese with English abstract)
11. **Chang SC***, Hsieh WC, Luh KT, Ho SW: Antimicrobial activities of six new oral cephem antibiotics. J Formos Med Assoc 1990;89:661-5.
12. Chen YC, Lin SC, Chiang FT, **Chang SC***: *Staphylococcus aureus* endocarditis in drug addicts: report of 2 cases. J Formos Med Assoc 1990;89:896-900.
13. **Chang SC***, Chen YC, Hsu LY, Pan HJ, Yang Ls, Ho SW, Hsieh WC, Shen YZ: Epidemiologic study of pathogens causing nosocomial infections. J Formos Med Assoc 1990;89:1023-30.
14. Teng LJ*, Ho SW, **Chang SC**, Luh KT, Hsieh WC: In vitro activities of 36 antimicrobial agents against clinically isolated *Bacteroides fragilis*. J Formos Med Assoc 1991;90:786-9.
15. Chen YC, **Chang SC***, Hsieh WC, Luh KT: *Acinetobacter calcoaceticus* bacteremia: clinical analysis of 48 cases. J Formos Med Assoc 1991;90:958-63.
16. **Chang SC***, Hsu LY, Luh KT, Hsieh WC: Antimicrobial activities of piperacillin alone and in combination with tazobactam against beta-lactamase producing bacteria. J Formos Med Assoc 1991;90:947-52.
17. Hsu LY, **Chang SC***, Luh KT, Hsieh WC: Antibacterial activities of amoxicillin alone and in combination with clavulanic acid correlated with beta-lactamase production. Chinese J Microbiol Immunol 1991;24:272-9.

18. Chen YC, **Chang SC***, Luh KT, Hsieh WC: *Actinobacillus actinomycetemcomitans* endocarditis: four cases report and review of the literatures. Q J Med 1991;81:871-8.
19. Pan HJ*, Teng LJ, Tseng MS, **Chang SC**, Ho SW, Luh KT, Hsieh WC: Identification and typing of *Pseudomonas pickettii* during an episode of nosocomial outbreak. Chinese J Microbiol Immunol 1992;25:115-23.
20. **Chang SC***, Hsu LY, Pan HJ, Luh KT, Hsieh WC: Epidemiologic investigation of nosocomial outbreak of methicillin-resistant *Staphylococcus aureus* by plasmid pattern analysis. J Formos Med Assoc 1992;91:945-50.
21. Chow JM*, Lin MT, Chen YC, **Chang SC**, Su IJ, Tang JL: Successful treatment of cytomegalovirus pneumonitis with ganciclovir and high-dose intravenous immunoglobulin in a bone marrow transplant recipient. J Formos Med Assoc 1992;91:996-1000.
22. Hsueh PR, **Chang SC***, Chen YC, Hsu LY, Luh KT, Hsieh WC: In vitro antibacterial activities of ticarcillin alone and ticarcillin plus clavulanic acid correlated with beta-lactamase production. Chinese J Microbiol Immunol 1992;25:149-59.
23. Chen CK, Chang DY, **Chang SC**, Lee EF, Huang SC*, Chow SN: Cryptococcal infection of vagina: a case report. Obstet Gynecol 1993;81:867-9.
24. Tsaur SM, **Chang SC***, Luh KT, Hsieh WC: Antimicrobial susceptibility of enterococci in vitro. J Formos Med Assoc 1993;92:547-52.
25. **Chang SC***, Chen YC, Tien HF, Wang CH, Luh KT, Hsieh WC: Effect of fluconazole in the treatment of candidiasis and cryptococcosis. JAMA (SEA) 1993;9 (Supp1):15-9.
26. Chen YC*, **Chang SC**, Hsu LY, Hsieh YC, Luh KT: In vitro antimicrobial activity of fluoroquinolones against clinical isolates obtained in 1989 and 1990. J Formos Med Assoc 1993;92:1040-8.
27. Chen YC*, **Chang SC**, Hsieh WC, Luh KT, Shen MC: Non-spinal psoas abscess due to *Mycobacterium tuberculosis* in a patient with acquired immunodeficiency syndrome. J Formos Med Assoc 1994;93:433-6.
28. **Chang SC***, Hsieh WC, Luh KT: Resistance to antimicrobial agents of common bacteria isolated from Taiwan. Int J Antimicrob Agent 1994;4:143-6.
29. **Chang SC***, Hsieh WC, Luh KT: Fluoroquinolone resistance among methicillin-resistant staphylococci after usage of fluoroquinolones other than ciprofloxacin in Taiwan. Diagn Microbiol Infect Dis 1994;19:143-7.
30. Hung CC, **Chang SC***, Yang PC, Hsieh WC: Invasive pulmonary pseudallescheriasis with direct invasion of the thoracic spine in an immunocompetent patient. Eur J Clin Microbiol Infect Dis 1994;13:749-51.
31. Chao CL, **Chang SC***, Shen JC, Luh KT: Transdiaphragmatic *Actinobacillus actinomycetemcomitans* infection: report of a case. Clin Infect Dis 1994;19:32
32. Hsu LY, Hsu NY, **Chang SC***, Lee CY, Luh KT, Hsieh WC: *Staphylococcus aureus* colonization and infections of newborns in nursery: antibiograms and plasmid analysis. J Infect Dis Society, R.O.C. 1994;5:84-90.
33. Su JY, **Chang SC***, Chen YC, Hsieh WC: Successful treatment of cryptococcal empyema

- with fluconazole: report of a case. J Infect Dis Society, R.O.C. 1994;5:135-8.
34. Hung CC, **Chang SC***, Chen YC, Yen TS, Hsieh WC: *Plasmodium vivax* infection in a renal transplant recipient: report of a case. J Formos Med Assoc 1994;93:35
 35. Wang SS*, Chu SH, Lee YC, **Chang SC**, Yang PC: Successful treatment of invasive pulmonary aspergillosis in heart transplantation. Transplantation Proceedings 1994;26:2329-32.
 36. Hung CC, **Chang SC***, Chen YC, Luh KT, Hsieh WC: Antibiotic therapy for *Listeria monocytogenes* bacteremia. J Formos Med Assoc 1995; 94:19-22.
 37. Hung CC, **Chang SC***, Chen YC, Tien HF, Hsieh WC: *Trichosporon beigeli* fungemia in patients with acute leukemia: report of three cases. J Formos Med Assoc 1995;94:127-31.
 38. Hsueh PR*, Chang JC, **Chang SC**, Ho SW, Hsieh WC: In vitro antimicrobial susceptibility of *Vibrio vulnificus* isolated from Taiwan. Eur J Clin Microbiol Infect Dis 1995;14:151-3.
 39. **Chang SC***, Hsieh WC, Luh KT: Influence of beta-lactamase inhibitors on the activity of oxacillin against methicillin-resistant *Staphylococcus aureus*. Diagn Microbiol Infect Dis 1995;21:841-4.
 40. Shih CC, **Chang SC***, Chen YC, Hsieh WC: Tsutsugamushi disease complicated with myocarditis: a case report. J Infect Dis Society, R.O.C. 1995;6:65-8.
 41. Hung CC, **Chang SC***, Chen YC, Hsieh WC: A randomized trial of teicoplanin versus vancomycin for the treatment of serious Gram-positive infections. J Infect Dis Society, R.O.C. 1995;6:97-103.
 42. Tsaor SM*, **Chang SC**, Cheng CY: Massive persistent intestinal hemorrhage due to typhoid fever treated with corticosteroid: a case report. J Infect Dis Society, R.O.C. 1995;6:133-6.
 43. **Chang SC***, Chen YC, Luh KT, Hsieh WC: In vitro activities of antimicrobial agents, alone and in combination, against *Acinetobacter baumannii* isolated from blood. Diagn Microbiol Infect Dis 1995;23:105-10.
 44. Lu CT, **Chang SC***, Chen HC: Polymicrobial bacteria pericarditis with mediastinitis after endotracheal intubation: a case report. Diagn Microbiol Infect Dis 1995;23:115-8.
 45. **Chang SC***, Chen YC, Luh KT, Hsieh WC: Macrolide resistance of common bacteria isolated from Taiwan. Diagn Microbiol Infect Dis 1995;23:147-54.
 46. Su JY*, **Chang SC**, Luh KT, Hsieh WC: In vitro antimicrobial susceptibilities of *Streptococcus pneumoniae* isolated from two teaching hospitals in Taiwan, 1989-1995. Chinese J Microbiol Immunol 1995;28:193-202.
 47. Chen ML*, Chen YC, Pan HJ, **Chang SC**, Yang LS, Ho SW, Luh KT, Hsieh WC, Chang CY: Secular trends in the etiology of nosocomial infection at a teaching hospital in Taiwan, 1981-1994. Chinese J Microbiol Immunol 1995;28:203-217.
 48. Hung CC, Chen YC*, **Chang SC**, Luh KT, Hsieh WC: Nosocomial candidemia in a university hospital in Taiwan. J Formos Med Assoc 1996;95:19-28.
 49. Sun CC*, Pan HJ, Yang LS, **Chang SC**, Hsieh WC: Effect of mupirocin in the treatment of methicillin-resistant *Staphylococcus aureus* nasal carriers. Nosocomial Infect Control J 1996;6:125-30.

50. Chen YC, Hung CC, Lin SF, **Chang SC***, Hsieh WC: Comparison of flomoxef with latamoxef in the treatment of sepsis and/or Gram-negative bacteremia in adult patients. *Int J Antimicrob Agents* 1996;7:69-74.
51. Shih CC, Chen YC, **Chang SC***, Lee CY, Luh KT, Hsieh WC: *Streptococcus pyogenes* bacteraemia: the impact of previous radiation and clindamycin resistance. *Q J Med* 1996;89:369-75.
52. Lin SF, **Chang SC***, Yea CL, Pan TM, Hsieh WC: Clinical features of legionellosis: experience of 21 cases at a teaching hospital in Taiwan. *J Infect Dis Society, R.O.C.* 1996;7:29-35.
53. Fang CT, **Chang SC***, Shih CC, Hung CC, Chen YC, Hsieh WC: Subdural empyema in adult patient: experience of a teaching hospital in Taiwan, 1984-1994. *J Infect Dis Society, R.O.C.* 1996;7:36-42.
54. Shih CC, Chen YC, **Chang SC***, Luh KT, Hsieh WC: Bacteremia due to *Citrobacter* species: significance of primary intraabdominal infection. *Clin Infect Dis* 1996;23:543-9.
55. Chen YC, **Chang SC***, Hsieh WC, Luh KT: In vitro antifungal susceptibilities of *Candida* species isolated from the blood. *Int J Antimicrob Agents* 1996;7: 217-22.
56. **Chang SC***, Hsieh WC: Current status of bacterial antibiotic resistance in Taiwan. *J Infect Dis Society, R.O.C.* 1996;7: 83-8.
57. Hung CC, **Chang SC***, Lin SF, Fang CT, Chen YC, Hsieh WC: Clinical manifestations, microbiology and prognosis of 42 patients with necrotizing fasciitis. *J Formos Med Assoc* 1996;95:917-22.
58. Hsieh SM, Hung CC, Chen MY, **Chang SC***, Hsueh PR, Luh KT, Chuang CY: Clinical features of tuberculosis associated with HIV infection in Taiwan. *J Formos Med Assoc* 1996;95:923-28.
59. Wang TD*, **Chang SC**, Chiang IP, Luh KT, Lee YT: Infected left atrial myxoma caused by *Gemella morbillorum*. *Scand J Infect Dis* 1996;28:633-4.
60. Hsueh PR, Teng LJ, Yang PC, Wang SK, **Chang SC**, Ho SW, Hsieh WC, Luh KT*: Bacteremia caused by *Acrobacter cryaerophilus* 1B. *J Clin Microbiol* 1997;35:489-91.
61. **Chang SC***, Sun CC, Yang LS, Luh KT, Hsieh WC: Increasing nosocomial infections of methicillin-resistant *Staphylococcus aureus* at a teaching hospital in Taiwan. *Int J Antimicrob Agents* 1997;8:109-14.
62. Fang CT, **Chang SC***, Tang JL, Hsueh PR, Chang YL, Hung CC, Chen YC: *Fusarium solani* fungemia in a bone marrow transplant recipient. *J Formos Med Assoc* 1997;96:129-33.
63. Fang CT, Ferng WF, Hwang JJ, Yu CJ, Chen YC, Wang MH, **Chang SC**, Hsieh WC*: Life-threatening scrub typhus with meningoencephalitis and acute respiratory distress syndrome. *J Formos Med Assoc* 1997;96:213-6.
64. Chen YC, **Chang SC***, Sun CC, Yang LS, Luh KT, Hsieh WC: Secular trends in the epidemiology of nosocomial fungal infections at a teaching hospital in Taiwan, 1981 to 1993. *Infect Control Hosp Epidemiol* 1997;18:369-75.
65. Lin RD, Hsueh PR, Chang JC, Teng LJ, **Chang SC**, Ho SW, Hsieh WC, Luh KT*:

- Flavimonas oryzihabitans* bacteremia: clinical features and microbiological characteristics of isolates. Clin Infect Dis 1997;24:867-73.
66. Lin RD, Hsueh PR, **Chang SC**, Chen YC, Hsieh WC, Luh KT*: Bacteremia due to *Klebsiella oxytoca*: clinical features of patients and antimicrobial susceptibilities of isolates. Clin Infect Dis 1997;24:1217-22.
 67. Hsueh PR, Teng LJ, Lee PI, Yang PC, Huang LM, **Chang SC**, Lee CY, Luh KT*: Outbreak of scarlet fever at a hospital day care centre: analysis of strain relatedness with phenotypic and genotypic characteristics. J Hosp Infect 1997; 36:191-200.
 68. Coskun D, **Chang SC***, Chen YC, Lu DCT, Hsieh WC: Comparison of antimicrobial susceptibility of *Pseudomonas aeruginosa* isolated from blood in two different time periods. J Infect Dis Society, R.O.C. 1997;8:21-7.
 69. Lu DCT, **Chang SC***, Chen YC, Luh KT, Hsieh WC: *Escherichia coli* bacteremia: a one-year retrospective analysis in a university hospital and a community hospital. J Infect Dis Society, R.O.C. 1997;8:35-44.
 70. Lin RD, Chen YC, Hsueh PR, **Chang SC***, Luh KT, Hsieh WC: *Klebsiella ozaenae* bacteremia: clinical features and antimicrobial susceptibility of isolates. J Infect Dis Society, R.O.C. 1997;8:28-34.
 71. **Chang SC***, Chen YC, Luh KT, Hsieh WC: *Streptococcus pneumoniae* resistance to penicillin and other beta-lactam antibiotics from isolates at a university hospital in Taiwan. J Infect Chemother 1997;3:103-6.
 72. Lu DCT, **Chang SC***, Chen YC, Luh KT, Hsieh WC: In vitro activities of antimicrobial agents, alone and in combinations, against *Burkholderia cepacia* isolated from blood. Diagn Microbiol Infect Dis 1997;28:187-91.
 73. Hwang SM*, Sun CC, Chang YY, Wang LH, Yang LS, **Chang SC**, Lee CY: Nosocomial rotavirus gastroenteritis in paediatric patients: ten-year experience at a medical center. Nosocomial Infect Control J 1997;7:277-85.
 74. Lu DCT, **Chang SC***, Chen YC, Luh KT, Lee CY, Hsieh WC: *Burkholderia cepacia* bacteremia: a retrospective analysis of 70 episodes. J Formos Med Assoc 1997;96:972-8.
 75. Hu FR*, **Chang SC**, Luh KT, Hung PT: The antimicrobial susceptibility of *Mycobacterium chelonae* isolated from corneal ulcer. Curr Eye Res 1997;16: 1056-60.
 76. Hung CC, Hsueh PR, Chen YC, Fang CT, **Chang SC***, Luh KT, Hsieh WC: *Haemophilus aphrophilus* bacteraemia complicated with vertebral osteomyelitis and spinal epidural abscess in a patient with liver cirrhosis. J Infect 1997;35: 304-8.
 77. Lin CM*, Lin MY, **Chang SC**: Epidemiological survey of nosocomial infections at a regional hospital in Taiwan. Nosocom Infect Control J 1997;7:340-8.
 78. Lin RD, Hsueh PR, **Chang SC***, Luh KT: *Capnocytophaga* bacteremia: clinical features of patients and antimicrobial susceptibility of isolates. J Formos Med Assoc 1998;97:44-8.
 79. Fang CT, **Chang SC***, Luh KT, Hsieh WC: In vitro susceptibility of *Staphylococcus aureus* to various antistaphylococcal agents: study at a university hospital in Taiwan. J Microbiol Immunol Infect 1998;31:41-5.

80. Wang HK, Hsueh PR, Hung CC, **Chang SC***, Luh KT, Hsieh WC: Tuberculous peritonitis: analysis of 35 cases. *J Microbiol Immunol Infect* 1998;31:113-8.
81. **Chang SC***, Chang HJ, Hsiao ML: Antibiotic usage in public hospitals in Taiwan. *J Microbiol Immunol Infect* 1998;31:125-32.
82. Hsieh SM, Hung CC, Chen MY, Hsueh PR, **Chang SC***, Luh KT: Clinical features and outcome in disseminated mycobacterial diseases in AIDS patients in Taiwan. *AIDS* 1998;12:1301-7.
83. Lu DCT, Lei MH, **Chang SC***: Emphysematous prostatic abscess due to *Klebsiella pneumoniae*. *Diagn Microbiol Infect Dis* 1998;31:559-61.
84. Hung CC, Hsueh PR, Chen MY, Hsiao CH, **Chang SC***, Luh KT: Invasive infection caused by *Penicillium marneffei*: an emerging pathogen in Taiwan. *Clin Infect Dis* 1998;26:202-3.
85. **Chang SC***, Fang CT, Hsueh PR, Liu CJ, Sheng WH, Hsieh SM, Hung CC, Chen YC: Efficacy and safety of cefepime treatment in Chinese patients with severe bacterial infections: in comparison with ceftazidime treatment. *Int J Antimicrob Agents* 1998;10:245-8.
86. **Chang SC***, Fang CT, Chen YC, Hsueh PR, Luh KT, Hsieh WC: In vitro activity of meropenem against common pathogenic bacteria isolated in Taiwan. *Diagn Microbiol Infect Dis* 1998;32:273-9.
87. Ko WJ, Chu SH, Lee YH, Lee PH, Lee CJ, Chao SH, **Chang SC***: Successful prevention of syphilis transmission from a multiple organ donor with serological evidence of syphilis. *Transplantation Proceedings* 1998;30:3667-8.
88. Hsieh SM, Hung CC, Chen MY, Hsueh PR, **Chang SC***: Efficacy and adverse effects of high dose amphotericin B monotherapy for cryptococcal meningitis in patients with advanced HIV infection. *J Microbiol Immunol Infect* 1998;31: 233-9.
89. **Chang SC***, Chang HJ, Lai MS: Antibiotic usage in primary care units in Taiwan. *Int J Antimicrob Agents* 1999;11:23-30.
90. **Chang SC***, Fang CT, Hsueh PR, Luh KT, Hsieh WC: In vitro activity of quinupristin/dalfopristin against clinical isolates of common Gram-positive bacteria in Taiwan. *Diagn Microbiol Infect Dis* 1999;33:299-303.
91. Ker CC, Hung CC, Sheng WH, **Chang SC***, Luh KT: Fatal mycobacteremia caused by *Mycobacterium tuberculosis* in a patient with acute leukemia. *Leukemia* 1999;13:646-7. .
92. **Chang SC***, Chen CH, Lu DCT, Tai HM, Hsu KC, Lo SS: Vancomycin-resistant enterococci in north-eastern Taiwan. *J Microbiol Immunol Infect* 1999;32:63-7.
93. Hsieh SM, Hung CC, Chen MY, Hsueh PR. **Chang SC***, Luh KT: The role of tissue studies in facilitating early initiation of antimycobacterial treatment in AIDS patients with disseminated mycobacterial disease. *Int J Tuberc Lung Dis* 1999;3:521-7.
94. Lu PL, Hsueh PR, Chen YC, Teng LJ, **Chang SC**, Luh KT*: Clones of *Lactobacillus casei* and *Torulopsis glabrata* associated with recurrent abdominal wall abscess. *J Formos Med Assoc* 1999;98:356-60.
95. Hsieh SM, Hung CC, Chen MY, Sheng WH, **Chang SC***: Dynamics of plasma cytokine levels in patients with advanced HIV infection and active tuberculosis: implications for early

- recognition of patients with poor response to anti-tuberculosis treatment. *AIDS* 1999;13:935-41.
96. Chen ML, **Chang SC***, Pan HJ, Hsueh PR, Yang LS, Ho SW, Luh KT: Longitudinal analysis of methicillin-resistant *Staphylococcus aureus* isolates at a teaching hospital in Taiwan. *J Formos Med Assoc* 1999;98:426-32.
 97. Fang CT, **Chang SC***, Luh KT, Chang YL, Hsueh PR, Hsieh WC: Successful treatment of disseminated *Mycobacterium szulgai* infection with ciprofloxacin, rifampicin, and ethambutol. *J Infect* 1999;38:195-7.
 98. Wang LH*, Yang LS, Pan HJ, Shau WY, Chang YY, Sun CC, Hwang SM, **Chang SC**: Methicillin-resistant *Staphylococcus aureus* infection at the burn unit in a teaching hospital. *Nosocomial Infect Control J* 1999;9:125-35.
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