

CURRICULUM VITAE

Name: Khuanchai Supparatpinyo, M.D.
Address: Department of Medicine, Faculty of Medicine
Chiang Mai University, Chiang Mai 50200, Thailand
Sex: Male
Date of Birth: July 5, 1961
Place of Birth: Bangkok, Thailand.
Nationality: Thai

Educational Records:

June 1979 – March 1985
Faculty of Medicine, Chiang Mai University, Chiang Mai
April 1985 – December 1988
Internal Medicine Residency Training at the Department
of Medicine, Faculty of Medicine, Chiang Mai University
January 1989 – March 1989
Clinical Training for Patient Care of Infectious Diseases
at the National Medical Center, Tokyo, Japan
June 1991
Graduate summer program of Epidemiology, Johns
Hopkins University, Batimore, Maryland, USA.
January 1993 – March 1993
Visiting scholar at the Division of Infectious Disease,
Department of Internal Medicine, School of Medicine,
Ohio State University, Columbus, Ohio, USA.

Degrees, Diplomas, and Certificates:

March 1985, Doctor of Medicine (First Class Honors)
March 1986, Graduate Diploma in Clinical Sciences (Internal
Medicine)
March 1989, Certificate of Advanced Clinical Training, Ministry
of Health and Welfare, Japan
June 1989, Certificate of Proficiency in Internal Medicine, Thai
Board of Medicine
July 1991, Certificate of Participation in the Graduate Summer
Program of Epidemiology, Johns Hopkins University,
Batimore, Maryland, USA.
November 2004, Certificate of Proficiency in Infectious Disease,
Thai Board of Infectious Disease

Academic Appointments:

September 2006 – present, Professor
Division of Infectious Disease, Department of Medicine,
Faculty of Medicine, Chiang Mai University, Chiang Mai
50200, Thailand
March 1995 – August 2006, Associate Professor
Division of Infectious Disease, Department of Medicine,

Faculty of Medicine, Chiang Mai University, Chiang Mai
50200, Thailand

September 1991 – February 1995, Assistant Professor
Division of Infectious Disease, Department of Medicine,
Faculty of Medicine, Chiang Mai University, Chiang Mai
50200, Thailand

April 1989 – August 1991, Instructor
Division of Infectious Disease, Department of Medicine,
Faculty of Medicine, Chiang Mai University, Chiang Mai
50200, Thailand

April 1985 – March 1989, Physician
Division of Infectious Disease, Department of Medicine,
Faculty of Medicine, Chiang Mai University, Chiang Mai
50200, Thailand

- Publications:**
1. Supparatpinyo K, Horsin P, Hirunsri P. Scrub typhus at Maharaj Nakorn Chiang Mai Hospital: a study of 60 adult cases. *Intern Med* 1990;6:6-10.
 2. Supparatpinyo K. Penicillosis Marneffeii: report of three cases from Maharaj Nakorn Chiang Mai. *Chiang Mai Med Bull* 1990;29:27-32.
 3. Supparatpinyo K, Horsin P, Hirunsri P. Scrub typhus: single oral dose doxycycline therapy in mild to moderately severe cases. *J Infect Dis Antimicrob Agents* 1990;7:135-7.
 4. Supparatpinyo K. Disseminated cryptococcosis rapidly diagnosed by lymph node imprint. *J Infect Dis Antimicrob Agents* 1991;8:111-3.
 5. Supparatpinyo K. Penicillium marneffeii infection and human immunodeficiency virus. *J Infect Dis Antimicrob Agents* 1991;8:121-4. (in Thai).
 6. Supparatpinyo K. Fungal infection in patients with AIDS. *Clinic* 1992;8:381-7. (in Thai).
 7. Supparatpinyo K. Fever with rashes in adults. *Clinic* 1992;8:682-6. (in Thai).
 8. Supparatpinyo K. Management of asymptomatic HIV carriers. *Clinic* 1992;8:854-60. (in Thai).
 9. Supparatpinyo K. Penicillium marneffeii infection in patients with AIDS. In: Harnvanit M. *AIDS: Care and Management*. (in Thai).
 10. Supparatpinyo K. Fungal infection in patients with AIDS. In: Suwanakul S, Leelarasami A. *HIV infection and AIDS*. (in Thai).
 11. Supparatpinyo K, Chiewchanvit S, Hirunsri P, Uthammachai C, Nelson KE, Sirisanthana T. Penicillium marneffeii infection in patients infected with HIV. *Int Conf AIDS* 1992; 8(2):B180 (abstract no. PoB 3559).
 12. Supparatpinyo K, Chiewchanvit S, Hirunsri P, Uthammachai C, Nelson KE, Sirisanthana T. Penicillium marneffeii infection in patients infected with human immunodeficiency virus. *Clin Infect Dis* 1992;14:871-4.
 13. Supparatpinyo K, Kwangsuksatith C, Hirunsri P, Uthammachai C, Sirisanthana T. Systemic mycosis caused by Cryptococcus neoformans, Penicillium marneffeii, and Histoplasma capsulatum in a patient with acquired immunodeficiency syndrome. *J Infect Dis Antimicrob Agents*

- 1992;9:77-9.
14. Supparatpinyo K. Disseminated histoplasmosis in patients with AIDS. Chiang Mai Med Bull 1992;31:167-73. (in Thai).
 15. Supparatpinyo K, Chiewchanvit S, Hirunsri P, Baosoung V, Uthammachai C, Chaimongkol B, Sirisanthana T. An efficacy study of itraconazole in the treatment of *Penicillium marneffe*i infection. J Med Assoc Thailand 1992;75:688-91.
 16. Supparatpinyo K, Ketdaw N, Sribumrungsanti S. *Penicillium marneffe*i infection rapidly diagnosed on peripheral blood smear in a patient with acquired immunodeficiency syndrome. Intern Med 1992;8:48-50.
 17. Supparatpinyo K, Nelson KE, Merz WG, Breslin BJ, Cooper CR Jr, Kamwan C, Sirisanthana T. Response to antifungal therapy by human immunodeficiency virus-infected patients with disseminated *Penicillium marneffe*i infections and in vitro susceptibilities of isolates from clinical specimens. Antimicrob Agents Chemother 1993;37(11):2407-11.
 18. Supparatpinyo K, Sirisanthana T. Disseminated *Penicillium marneffe*i infection diagnosed on examination of a peripheral blood smear of a patient with human immunodeficiency virus infection. Clin Infect Dis 1994;18(2):246-7.
 19. Supparatpinyo K, Khamwan C, Baosoung V, Nelson KE, Sirisanthana T. Disseminated *Penicillium marneffe*i infection in southeast Asia. Lancet 1994;344(8915):110-3.
 20. Supparatpinyo K, Nelson K, Khamwan C, Sirisanthana T. Treatment of penicilliosis *marneffe*i in HIV infected patients. Int Conf AIDS 1994; 10(2):148 (abstract no. PB0606)
 21. Cooper CR Jr, Breslin BJ, Nelson KE, Merz WG, Supparatpinyo K, Sirisanthana T. In vitro susceptibility testing of *Penicillium marneffe*i and correlation to patient response. In: International Summit on Cutaneous Fungal Diseases. San Francisco.
 22. Chariyalertsak S, Sirisanthana T, Supparatpinyo K, Praparattanapan J, Nelson K. A case-control study of *Penicillium marneffe*i infection in AIDS patients in the northern of Thailand. In: Int Conf AIDS. 1996 Jul 7-12;11(2):287 (abstract no. Th.B.4210).
 23. Chariyalertsak S, Sirisanthana T, Supparatpinyo K, Praparattanapan J, Nelson K. A case-control study of *Penicillium marneffe*i infection in AIDS patients in the northern of Thailand. Int Conf AIDS 1996; 11(2):287 (abstract no. Th.B.4210).
 24. Chariyalertsak S, Sirisanthana T, Supparatpinyo K, Nelson KE. Seasonal variation of disseminated *Penicillium marneffe*i infections in northern Thailand: a clue to the reservoir? J Infect Dis 1996;173(6):1490-3.
 25. Wheat J, Wheat H, Connolly P, Kleiman M, Supparatpinyo K, Nelson K, Bradsher R, Restrepo A. Cross-reactivity in *Histoplasma capsulatum* variety *capsulatum* antigen assays of urine samples from patients with endemic mycoses. Clin Infect Dis 1997;24:1169-71.

26. Vanittanakom N, Mekaprateep M, Sittisombut N, Supparatpinyo K, Kanjanasthiti P, Nelson KE, Sirisanthana T. Western immunoblot analysis of protein antigens of *Penicillium marneffe*. *J Med Vet Mycol* 1997;35:123-31.
27. Chariyalertsak S, Sirisanthana T, Supparatpinyo K, Praparattanapan J, Nelson KE. Case-control study of risk factors for *Penicillium marneffe* infection in human immunodeficiency virus-infected patients in northern Thailand. *Clin Infect Dis* 1997;24(6):1080-6.
28. Sirisanthana T, Supparatpinyo K. Epidemiology and management of penicilliosis in human immunodeficiency virus-infected patients. *Int J Infect Dis* 1998;3(1):48-53.
29. Supparatpinyo K, Perriens J, Nelson KE, Sirisanthana T. A controlled trial of itraconazole to prevent relapse of *Penicillium marneffe* infection in patients infected with the human immunodeficiency virus. *N Engl J Med*. 1998; 339(24):1739-43.
30. Sirisanthana T, Supparatpinyo K, Perriens J, Nelson KE. Amphotericin B and itraconazole for treatment of disseminated *Penicillium marneffe* infection in human immunodeficiency virus-infected patients. *Clin Infect Dis* 1998;26(5):1107-10.
31. Supparatpinyo K, Sirisanthana T. *Penicillium marneffe* infections. In: Diamond RD. *Fungal infections*. Philadelphia: Current Medicine, Inc. 2000: 171-80.
32. Ally R, Schurmann D, Kreisel W, Carosi G, Aguirrebengoa K, Dupont B, Hodges M, Troke P, Romero AJ, and the Esophageal Candidiasis Study Group (including Supparatpinyo K). A randomized, double-blind, double-dummy, multicenter trial of voriconazole and fluconazole in the treatment of esophageal candidiasis in immunocompromised patients. *Clin Infect Dis* 2001;33:1447-54.
33. Chariyalertsak S, Supparatpinyo K, Sirisanthana T, Nelson KE. A controlled trial of itraconazole as primary prophylaxis for systemic fungal infections in patients with advanced human immunodeficiency virus infection in Thailand. *Clin Infect Dis* 2002;34:277-84.
34. Chaiwun B, Khunamornpong S, Sirivanichai C, Rangdaeng S, Supparatpinyo K, Settakorn J, Ya-in C, Thorner P. Lymphadenopathy due to *Penicillium marneffe* infection: diagnosis by fine needle aspiration cytology. *Mod Pathol*. 2002;15:939-43.
35. Schlamm HT, Supparatpinyo K. Voriconazole as therapy for systemic infections caused by *Penicillium marneffe* in patients with HIV infection. In: 43rd Intersciences Conference on Antimicrobial Agents and Chemotherapy 2003:446. (Abstract no. M-963)
36. Chaiwarith R, Mahatthanaphak S, Boonchoo M, Supparatpinyo K, Sirisanthana T. Pandrug-resistant *Acinetobacter baumannii* at Maharaj Nakorn Chiang Mai Hospital. *J Infect Dis Antimicrob Agents* 2005;22:1-8.
37. Chaiwarith R, Patiwetwitoon P, Supparatpinyo K, Sirisanthana T. Melioidosis at Maharaj Nakorn Chiang Mai Hospital, Thailand. *J Infect Dis Antimicrob Agents* 2005;22:45-51.

38. Rattanaumpawan P, Chaiwarith R, Supparatpinyo K. Prevalence of Penicillin-Resistant *Streptococcus pneumoniae* (PRSP) Infection at Maharaj Nakorn Chiang Mai Hospital. *J Infect Dis Antimicrob Agents* 2005;22:93-101.
39. Chaiwarith R, Supparatpinyo K, Punjaisee S, Kotarathitum V, Sirisanthana T. Prolonged Fever in Human Immunodeficiency Virus-Infected Adult Patients in Northern Thailand. *J Infect Dis Antimicrob Agents* 2005;22:103-10.
40. Wangkaew S, Chaiwarith R, Tharavichitkul P, Supparatpinyo K. *Streptococcus suis* infection: a series of 41 cases from Chiang Mai University Hospital. *J of Infect* 2006;52:455-460.
41. Krajaejun T, Sathapatayavongs B, Prachartam R, Nitiyanant P, Leelachaikul P, Wanachiwanawin W, Chaiprasert A, Assanasen P, Saipetch M, Mootsikapun P, Chetchotisakd P, Lekhakula A, Mitarnun W, Kalnauwakul S, Supparatpinyo K, Chaiwarith R, Chiewchanvit S, Tananuvat N, Srisiri S, Suankratay C, Kulwichit W, Wongsaisuwan M, and Somkaew S. Clinical and epidemiological analyses of human pythiosis in Thailand. *Clin Infect Dis* 2006;43:569-76.
42. Chetchotisakd P, Anunnatsiri S, Kiertiburanakul S, Sutthent R, Anekthananon T, Bowonwatanuwong C, Kowadisaiburana B, Supparatpinyo K, Horsakulthai M, Chasombat S, Ruxrungtham K, and the Study Team. High Rate Multiple Drug Resistances in HIV-Infected Patients Failing Nonnucleoside Reverse Transcriptase Inhibitor Regimens in Thailand, Where Subtype A/E Is Predominant. *J Int Assoc Physicians AIDS Care* 2006;5:152-6.
43. Chaiwarith R, Charoenyos N, Sirisanthana T, Supparatpinyo K. Discontinuation of secondary prophylaxis against penicilliosis marneffeii in AIDS patients after highly active antiretroviral therapy. *AIDS* 2007;21:365-7.
44. Kongkaew W, Siriarayaporn P, Leelayoova S, Supparatpinyo K, Areechokchai D, Duang-ngern P, Chanachai K, Sukmee T, Samung Y, Sridurongkathum P. Autochthonous visceral leishmaniasis: a report of a second case in Thailand. *Southeast Asian J Trop Med Public Health* 2007;38:8-12.
45. Chaiwarith R, Wachirakaphan C, Kotarathitum W, Preparatanaphan J, Sirisanthana T, Supparatpinyo K. Sensitivity and specificity of using CD4+ measurement and clinical evaluation to determine antiretroviral treatment failure in Thailand. *Int J Infect Dis* 2007;11:413-6.
46. Boulware DR, Stauffer WM, Hendel-Paterson BR, Rocha JLL, Seet RC, Summer AP, Nield LS, Supparatpinyo K, Chaiwarith R, Walker PF. Maltreatment of *Strongyloides* Infection: Case Series and Worldwide Physicians-in-Training Survey. *Am J Med* 2007;120:545.e1-8.
47. Supparatpinyo K, Schlamm HT. Voriconazole as Therapy for Systemic *Penicillium marneffeii* Infections in AIDS Patients. *Am J Trop Med Hyg* 2007;77:350-3.

48. Chetchotisakd P, Anunnatsiri S, Mootsikapun P, Kiertiburanakul S, Anekthananon T, Bowonwatanuwong C, Kowadisaiburana B, [Supparatpinyo K](#), Ruxrungtham K; Study Team. Efficacy and tolerability of a double boosted protease inhibitor (lopinavir + saquinavir/ritonavir) regimen in HIV-infected patients who failed treatment with nonnucleoside reverse transcriptase inhibitors. *HIV Med* 2007;8:529-35.
49. Molina JM, Andrade-Villanueva J, Echevarria J, Chetchotisakd P, Corral J, David N, Moyle G, Mancini M, Percival L, Yang R, Thiry A, McGrath D; [CASTLE Study Team](#). Once-daily atazanavir/ritonavir versus twice-daily lopinavir/ritonavir, each in combination with tenofovir and emtricitabine, for management of antiretroviral-naïve HIV-1-infected patients: 48 week efficacy and safety results of the CASTLE study. *Lancet* 2008;372:646-55.
50. Sungkanuparph S, Anekthananon T, Hiransuthikul N, Bowonwatanuwong C, [Supparatpinyo K](#), Mootsikapun P, Chetchotisakd P, Kiertiburanakul S, Tansuphaswadikul S, Bupphanharun W, Manosuthi W, Techasathit W, Ratanasuwan W, Tantisiriwat W, Suwanagool S, Leechawengwongs M, Ruxrungtham K; Thai AIDS Society. Guidelines for antiretroviral therapy in HIV-1 infected adults and adolescents: the recommendations of the Thai AIDS Society (TAS) 2008. *J Med Assoc Thai* 2008;91:1925-35.
51. Chaiwarith R, Pasogpakdee P, Salee P, Kanjanaratanakorn K, Sirisanthana T, [Supparatpinyo K](#). Risk factors for extended-spectrum beta-lactamase-producing *Klebsiella pneumoniae* and *Escherichia coli* acquisition in a tertiary care teaching hospital in Thailand. *J Hosp Infect* 2009;71:285-6. Epub 2009 Jan 20.
52. Pornprasert S, Praparattanapan J, Khamwan C, Pawichai S, Pimsarn P, Samleerat T, Leechanachai P, [Supparatpinyo K](#). Development of TaqMan real-time polymerase chain reaction for the detection and identification of *Penicillium marneffei*. *Mycoses* 2009 Jan 9. [Epub ahead of print]
53. Pappas PG, Chetchotisakd P, Larsen RA, Manosuthi W, Morris MI, Anekthananon T, Sungkanuparph S, [Supparatpinyo K](#), Nolen TL, Zimmer LO, Kendrick AS, Johnson P, Sobel JD, Filler SG. A phase II randomized trial of amphotericin B alone or combined with fluconazole in the treatment of HIV-associated cryptococcal meningitis. *Clin Infect Dis* 2009;48:1775-83.
54. Chaiwarith R, Salee P, Kotarathitithum W, Sirisanthana T, [Supparatpinyo K](#). Long-term CD4 cell count recovery among Thai naïve HIV-infected patients initiating HAART at low CD4 cell count. *Curr HIV Res* 2009;7:340-5.
55. Manosuthi W, Sungkanuparph S, Anekthananon T, [Supparatpinyo K](#), Nolen TL, Zimmer LO, Pappas PG, Larsen RA, Filler SG, Chetchotisakd P; For the BAMSG 3-01 Study Team. Effect of high-dose fluconazole on QT interval in patients with human immunodeficiency virus (HIV)-associated cryptococcal meningitis. *Int J Antimicrob Agents* 2009 Jun 29. [Epub ahead of print]
56. Sungkanuparph S, Filler SG, Chetchotisakd P, Pappas PG, Nolen TL, Manosuthi W, Anekthananon T, Morris MI, [Supparatpinyo K](#), Kopetskie H, Kendrick AS, Johnson PC, Sobel JD, Larsen RA. Cryptococcal immune reconstitution inflammatory syndrome after antiretroviral therapy in AIDS

patients with cryptococcal meningitis: a prospective multicenter study. Clin Infect Dis 2009;49:931-4.