

Curriculum vitae (bibliography)



First name : CHATCHAWANN
Family name : APICHARTPIYAKUL
Birth date : October 16, 1951
Marital status : Married
Citizenship : Thai
Office address : Dept. of Microbiology, Faculty of Medicine
Chiang Mai University, Chiang Mai 50200
THAILAND
Telephone : (66-53) 221122 Ext. 5335 ,
(66-53) 945335
E-mail : capichar@mail.med.cmu.ac.th

Education

- June 1970-Mar 1974. B. Sc (Med Tech) Faculty of Associated Medical Science, Chiang Mai University, Chiang Mai Thailand.
- June 1978-Mar 1981. M.S. (Microbiology) Graduate School Chiang Mai University, Chiang Mai, Thailand.
- Oct 1984-Mar 1985. Diploma in Medical Microbiology, Institute for Medical Research, Kuala Lumpur, Malaysia.
- Apr 1986-Mar 1987. Certificate in Immunology. Research Institute for Microbial Disease, Osaka University, Osaka, JAPAN.

Sept 1989-Oct 1989. Certificate in Virology Research, Dept. of Microbiology, Kobe University School of Medicine, Kobe University, Kobe. JAPAN.

June 1994-Aug 1994. Visiting Research fellow, Dept. of Cancer Biology, Harvard School of Public Health, Harvard University U.S.A.

Dec 1991-Jan 1995. Ph.D (Medical Science),Kobe University School of Medical, JAPAN

July 6-19, 1998 Visiting Research Fellow, Department of Microbiology, Kobe University School of Medicine, Kobe University, Japan

Nov20 – Dec1, 1999 Certificate in Training Course on the Use and Production of Genotyping Diagnostic Reagents, Yonsei Medical School, Yonsei University, Korea

Official academic position

June1974-Dec1974. Scientist, Malnutrition and Anemia Research center(Thai-US Research Institute, Non –Thai Government)

Jan1975- Aug1977. Scientist, Research Institute For Medical Research, Chiang Mai University, Thailand. (Government officer, At that time this institute was organized by Faculty of Medicine and in 1978 it was established to be one research institute for Medical Science)

Aug1977-Aug1990. Lecturer and Researcher in Dept. of Microbiology, Faculty of Medicine Chiang Mai University, Thailand.

Aug 1990- present. Assistant Professor in Dept. of Microbiology, Faculty of Medicine Chiang Mai University, Thailand.

Interesting field research

Epidemiology and molecular study of HCV and HIV Immunomodulation of thai herbal plant

Publication

1. Apichartpiyakul N, Apichartpiyakul C. Comparative studies in detection of anti-HCV antibodies using Abbott HCV-EIA, Serodia[®]-HCV and Detect-HCV[™]. Bull Chiang Mai Assoc Med Sci. 2010; 43(1): 63-69.
2. Shimizu N, Tanaka A, Oue A, Mori T, Ohtsuki T, Apichartpiyakul C, Uchiumi H, Nojima Y, Hoshino H. Broad usage spectrum of G protein-coupled receptors as coreceptors by primary isolates of HIV. AIDS. 2009 Apr 27;27(7):761-9.
3. Khorana J, Rerkasem K, Apichartpiyakul C, Sakonwasun C, Watcharasakslip W, Waniyapong T, Norasethtada T, Jittawatanarak K. Immunonutrition and cytokine response in patients with head injury. J Med Assoc Thai. 2009 Feb;92(2):188-94
4. Shimizu N, Tanaka A, Oue A, Mori T, Apichartpiyakul C, Hoshino H. A short amino acid sequence containing tyrosine in the N-terminal region of G protein-coupled receptors is critical for their potential use as co-receptors for human and simian immunodeficiency viruses. J Gen Virol. 2008 Dec;89(Pt 12):3126-36
5. Shimizu N, Tanaka A, Mori T, Ohtsuki T, Hoque A, Jinno-Oue A, Apichartpiyakul C, Kusagawa S, Takebe Y, Hoshino H. A formylpeptide receptor, FPRL1, acts as an efficient coreceptor for primary isolates of human immunodeficiency virus. Retrovirology. 2008 Jun 25;5:52.
6. Kongsangdao S, Samintarapanya K, Oranratnachai K, Prapakarn W, Apichartpiyakul C. Randomized controlled trial of pyrimethamine plus sulfadiazine versus trimethoprim plus sulfamethoxazole for treatment of toxoplasmic encephalitis in AIDS patients. J Int Assoc Physicians AIDS Care (Chic Ill). 2008 Mar;7(1):11-6. Epub 2007 May 21.
7. Lu L, Li C, Fu Y, Thaikruea L, Thongswat S, Maneekarn N, Apichartpiyakul C, Hotta H, Okamoto H, Netski D, Pybus OG, Murphy D, Hagedorn CH, Nelson KE. Complete genomes for hepatitis C virus subtypes 6f, 6i, 6j and 6m: viral genetic diversity among Thai blood donors and infected spouses. J Gen Virol. 2007 May;88(Pt 5):1505-18.

8. Pornprasert S, Dettrairat S, Vongchan P, **Apichartpiyakul C**. Production of a monoclonal antibody against yeast secreted antigen of *Penicillium marneffei*. Southeast Asian J Trop Med Public Health 2005; 36(4): 966-9.
8. **Apichartpiyakul C**, Sakonwasun C, Aruncharus P. Effect of buddhist meditation on the T- lymphocyte subpopulation. Chiang Mai Med Bull 2004; 43(4): 163-8
10. Puthanakit T, **Apichartpiyakul C**, Sirisanthana V. An in-house HIV DNA PCR assay for early diagnosis of HIV infection in children in Thailand. J Med Assoc Thai 2003; 86: 758-65
11. **Apichartpiyakul C**, Apichartpiyakul N, Urwijitaroon Y, Gray J, Natpratan c, Katayama Y, Fujii M, Hotta H. Seroprevalence and subtype distribution of hepatitis C virus among blood donors and intravenous drug users in Northern/Northeastern Thailand. Jpn J Infect Dis 1999; 52: 121-3.
5. Chang SY, Apichartpiyakul C, Kuiken CL, Essex M, Lee TH. Sequence features downstream of the primer-binding site of HIV type 1 subtype E shared by subtype G and a subset of subtype A. AIDS Res Hum Retroviruses 1999;15(18): 1703-6.
12. Chang SY, Suttent R, Auewarakul P, **Apichartpiyakul C**, Essex M, Lee TH. Differential stability of the mRNA secondary structures in the frameshift site of various HIV type 1 viruses. AIDS Res Hum Retroviruses 1999; 15(17): 11591-6.
13. **Apichartpiyakul C**, apichartpiyakul N, Kumsorn B, Sedwanit S, Vithayasai V. Prevalence of hepatitis C virus infection among pregnant women in mother and child hospital, Chiang Mai. Chiang Mai Med Bull 1999; 38(3-4): 67-73.
14. Katayama Y, **Apichartpiyakul C**, Handajani R, Ishido S, Hotta H. GB virus C/hepatitis G virus (GBV-C/HGV) infection in Chiang Mai, Thailand and identification of variants on the basis of 5'-untranslated region sequences. Arch Virol 1997 ; 142 : 2433-45.
15. Hotta H, Kemapunmanus M, **Apichartpiyakul C**, Soetjipto, Handajani R, Brazaga NG. Differential distribution of hepatitis C virus subtypes in Asia: comparative study among Thailand, Indonesia, the Philippines and Japan. Southeast Asian J Trop Med public Health 1997; 28 Suppl 3 : 23-31.
16. Sirisanthana V, **Apichartpiyakul C**, Apichartpiyakul N, Yousakh A. The Prevalence of Cytomegalovirus Infection in Human Immunodeficiency Virus infected Infants with Pneumonia. J Infect Dis Antimicrob Agents 1997 ; 14(2) :93-6.
17. Doi H, **Apichartpiyakul C**, Ohba K, Mizokami M, Hotta H. Hepatitis C Virus (HCV) subtype prevalence in Chiang Mai, and Identification of Novel subtype of HCV major type 6. J of Clin Microbiol 1996 ; 34(3) : 569-74.

18. Soto-Ramirez LE, Renjifo B, Mclane MF, Marlink R, O'Hara C, Sutthent R, WasiC, Vithayasai P, Vithayasai V, **Apichartpiyakul C**, Auewarakul P, Pena-Cruz V, Chui DS, Osathanondh R, Mayer K, LeeTH, Essex M. HIV-1 langerhans' cell tropism associated with heterosexual transmission of HIV. *Science* 1996 ; 271 :1291-3.
19. **Apichartpiyakul C**, Apichartiyakul N, Jittivudikarn J, Vithayasai V. Prevalence of HIV, HCV and HBV infections among drug addicts in Chiang Mai, Thailand. *Southeast Asian J Trop Med. in Public Health* 1995 ; 26(1)511-3.
20. Pongsuthirak P, Vutyananich T, **Apichartpiyakul C**, Vithayasai V, Piromiertamorn W. Seroprevalence of Human Immunodeficiency Virus in Patientswith Ectopic Pregnancies. *Thai J Obstet Gynaecol* 1995 ; 7 : 123-9.
21. **Apichartpiyakul C**, Miyajima H, Doi H, Mizokami M, Homma M, Hotta H. Frequent detection of Hepatitis C Virus subtype 3a (HCV-3a) isolates in Thailand by PCR using subtype-specific primers. *Microbiol Immunol* 1995 ; 39(4) : 285-9.
22. **Apichartpiyakul C**, Vithayasai V. Evaluation of Recombigen HIV-1/HIV-2 RTD for Anti-HIV testing. *Chiang Mai Med Bull* 1995 ; 34(1) : 23-27.
23. **Apichartpiyakul C**, Chittivudikarn C, Miyajima H, Homma M, Hotta H. Analysis of Hepatitis C Virus among Healthy Blood Doners and Drug Addicts in Chiang Mai, Thailand. *J of Clin Microbiol* 1994 ; 32 : 2276-9.
24. Rungruangthanakit K, **Apichartpiyakul C**, Kingkaew D, Suriyanon V, Vithayasai V. A comparative study on serodiagnosis of leprosy using a particle agglutination test and enzyme-linked immunosorbent assay. *Chiang Mai Med Bull* 1993 ; 32 : 1-8.
25. Vithayasai V, **Apichartpiyakul C**, Sakonwasarn C, Junprasert J, Wongton T. Prevalence of hepatitis B and HIV infection in a college in Chiang Mai province. *Thai AIDS J* 1993 ; 1 : 38-43.
26. **Apichartpiyakul C**, Junprasert J, Sakonwasarn C, Vithayasai V. The detection of HIV Antigen and Clinical Manifestations in HIV Infection Childern. *J Infect Dis Antimicrob Agents* 1993; 10: 141-4
27. **Apichartpiyakul C**, Tayvaditep K, Charoensri N, Kanjanhaluethai A, Vithayasai V. HIV-1 antibodies testing in Maharaj Nakorn Chiang Mai Hospital: Implication and Consideration. *Thai AIDS J* 1992; 1: 24-33.
28. Phonporton Y, **Apichartpiyakul A**, Vithayasai V, Vithayasai P. Production and Suppression of interleukin 2 secretion in patient with SLE. *CMU Research News* 1991 ;4(9): 7.
29. Vithayasai V, Tayvaditep K, Vithayasai P, **Apichartpyakul A**, Supayatua V. *AIDS Knowlege for Public. Suandok Bullentin*, 1989; 3: 9-15.

30. **Apichartpiyakul A**, Supajatura V, Vithayasai V. Immunity status again Diphtheria of children in Chiang Mai. Chiang Mai Medical Bulletin, 1990; 29: 163-170.
31. **Apichartpiyakul A**, Kunjanahaluethai A, Vithayasai P, Vithayasai V. Retrospective study of Antinuclear factor in SLE and Scleroderma in Chiang Mai Hospital. Chiang Mai Medical Bulletin 1989; 27(3): 271-9.
32. Sethavanic S, Vithayasai V, **Apichartpiyakul A**. Effect of Active Immunization against Tetanus Neonatorum. Siriraj Hosp Gaz 1987; 39: 21-25.
33. Vithayasai P, **Apichartpiyakul A**, Vithayasai V. Pure nucleolar pattern antinuclear factor in SLE. The Asian J. Allergy Immuno 1983; 1: 149-151.