

ABBREVIATED CURRICULUM VITAE



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- * Outstanding award for teaching, Ministry of Education, ROC, 1989.
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- * Excellent award for research, National Science Council, ROC, 1990, 1995-2000.
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- * Excellent contribution award to AIDS control, National Department of Health, Executive Yuan, ROC, 1991.
- * Dr. Tu Memorial award for Medical Research, Taiwan Medical Association, 1997.
- * Outstanding award for high scholastic achievement in medical research, Wang Ming-Ning Memorial Foundation, 2000.
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- * Achievement award for promoting aboriginal society development, National Council for Indigenous People Affairs, Executive Yuan, ROC, November 11, 2002.

Publications :

1. Wu JS, Chen CH, Chiang YU, Lee YC, Lee MH, Ko YC, Hu HT. Hepatitis A virus infection in Taiwan. J Formosan Med Assoc 1980; 79: 694-699.
2. Wu JS, Chen CH, Chiang YU, Lee YC, Lee MH, Ko YC, Hu HT. Hepatitis B virus infection in Taiwan with reference to anti-HBc versus HBsAg and anti-HBs. J Formosan Med Assoc 1980; 79: 760-767.
3. Ko YC, Hung YT. Dietary investigation on school lunch in Tainan county. Public Health quarterly 1980; 7: 365-371. (Corresponder)
4. Ko YC, Hu HT. Epidemiological survey of hypertension in Taiwan. Chin Med J 1981; 28: 14-21. (Corresponder)
5. Ko YC, Chang CE, Liu SS, Hu HT. Epidemiological study of PCB poisoning. J Formosan Med Assoc 1981; 80: 406-417. (Corresponder)
6. Ko YC, Jao LT, Cheng CT, Hsu ST, Hsiao HC, Hu HT. The blood level of PCB in the poisoned patients. J Formosan Med Assoc 1981; 80: 774-779. (Corresponder)
7. Ko YC, Chuang YL, Hsu CS, Yeh HC, Chen CS, Hsu CC. A study on the temperamental characteristics of babies in the southern Taiwan. National Science Council Monthly. 1981; 9: 270-280. (Corresponder)
8. Ko YC. Blood pressure in Buddhist Vegetarians. Nutr Rep Int 1983; 28: 1375-1383. (Corresponder)
9. Ko YC. Changes of Hypertension-related mortality in Taiwan area, 1971-1980. Kaohsiung J Med Sci 1985; 1: 95-104. (Corresponder)
10. Chen CS, Ko YC. Epidemiological aspects of hepatitis B viral infection in preschool children and their parents in a community of southern Taiwan. Kaohsiung J Med Sci 1985; 1: 240-251. (Corresponder)
11. Ko YC, Huang YT. A pilot study on hypertension control in the community. Kaohsiung J Med Sci 1985; 1: 274-283. (Corresponder)
12. Ko YC, Hsu CS, Yeh HT, Chen CH. A survey in the prevalence of reading disabled children in southern Taiwan. Kaohsiung J Med Sci 1985; 1: 515-520. (Corresponder)
13. Chiou CJ, Ko YC, Lin SM. The levels of serum Zn, Cu, Fe, Ca, Mg of school-age children in Kaohsiung and the off-shore island of Penghu. Kaohsiung J Med Sci 1986; 2: 596-600. (Corresponder)
14. Chiou CJ, Ko YC, Lin SM. A study of the correlation between levels of serum minerals and the physical growth of school-age children on the off-shore island of Penghu. Kaohsiung J Med Sci 1986; 2: 664-668. (Corresponder)
15. Wu TN, Ko YC, Chang PY. Study of noise exposure and high blood pressure in shipyard workers. Am J Ind Med 1987; 12: 431-438.
16. Chen ZL, Lan SJ, Yen YY, Li SC, Ko YC. A study on the epidemiology of hepatitis B in

- Kaohsiung city. *Kaohsiung J Med Sci* 1987; 3: 213-222. (Corresponder)
17. Chung DC, Ko YC, Chen CJ, Wu CC, Wang ZH. Epidemiological study on hepatitis B virus infection among five ethnic groups in Pingtung county, Taiwan. *J Formosan Med Assoc* 1987; 86: 497-504. (Corresponder)
 18. Lan SJ, Tang SY, Ko YC. The effects of PCB poisoning; a study of a transplacental Yu-Cheng baby: report of a case. *Kaohsiung J Med Sci* 1987; 3: 64-68.
 19. Yang MS, Ko YC, Chung DC, Wang ZH. A study of psychological implications and personality character among tattooed persons in restrained institutions. *J Nurse* 1987; 34: 117-128. (Corresponder)
 20. Wu JS, Ko YC, Liu WT. Hepatitis B virus type 2. *Lancet* 1988; 1: 990.
 21. Chung DC, Ko YC, Chen CJ, Wu CC, Chen ER, Liaw YF, Hwang SJ. Seroepidemiological studies on hepatitis B and D viruses infection among five ethnic groups in southern Taiwan. *J Med Virol* 1988; 26: 411-418. (Corresponder)
 22. Ko YC, Pan BJ, Yu HS, Lin KH, Wang ZH, Tsai MS, and AIDS Research Group. Epidemiological surveillance of human immuno-deficiency virus infection in southern Taiwan. *Kaohsiung J Med Sci* 1988; 4: 667-676. (Corresponder)
 23. Ko YC. The epidemiology of acquired immunodeficiency syndrome in Taiwan. *Public Health quarterly* 1988; 5: 318-327. (Corresponder)
 24. Chen KS, Yu HS, Ko YC, Pan CC, Tserng BR, Kao JS, Fang KT. Evaluation of prostaglandin and Thromboxane plasma levels in blackfoot disease patients. *Derm Sinica* 1988; 6: 205-212.
 25. Wang CH, Tsai MS, Ko YC. The first homosexual case of human immuno-deficiency virus infection in southern Taiwan. *Epidemiological Bulletin* 1988; 4: 49-54. (Corresponder)
 26. Tsai MS, Lin TL, Li CH, Ko YC. The first female case of human immuno-deficiency virus infection in southern Taiwan. *Epidemiological Bulletin* 1988; 4: 79-81. (Corresponder)
 27. Ko YC, Yen YY, Yeh SM, Lan SJ. Female to male transmission in hepatitis B virus infection between Chinese spouses. *J Med Virol* 1989; 27: 142-144. (Corresponder)
 28. Chung DC, Ko YC, Chen CJ, Chen ER, Wu CC, Wu PS. Seroepidemiology study on the HBV, HDV & HIV infection among parenteral drug abusers in southern Taiwan. *J Med Virol* 1989; 28: 215-218. (Corresponder)
 29. Lan SJ, Yen YY, Ko YC. Growth and development of permanent teeth germ of transplacental Yu-Cheng babies in Taiwan. *B Environ Contam Tox* 1989; 42: 931-934.
 30. Yen YY, Lan SJ, Ko YC. Follow-up study of reproductive hazards of multiparous women consuming PCBs-contaminated rice oil in Taiwan. *B Environ Contam Tox* 1989; 43: 647-655.
 31. Chung DC, Ko YC, Pai HH. A study on the prevalence and risk factors of muscular fibrotic contracture in Jia-dong township, Pingtung county, Taiwan. *Kaohsiung J Med Sci* 1989; 5: 91-95. (Corresponder)
 32. Ko YC. Epidemiology of dengue fever in Taiwan. *Kaohsiung J Med Sci* 1989; 5: 1-11. (Corresponder)
 33. Ko YC, Chen JW, Chang IC. Attack rate of dengue-like illness among teachers in Kaohsiung city, 1988. *Kaohsiung J Med Sci* 1989; 5: 129-131. (Corresponder)
 34. Yang MS, Chen ER, Hou HJ, Ko YC. Study on the immunity to measles in preschool children. *Kaohsiung J Med Sci* 1989; 5: 476-481. (Corresponder)
 35. Lan SJ, Yen YY, Lan JL, Chen ER, Ko YC. Immunity of PCB transplacental Yu-Cheng children in Taiwan. *B Environ Contam Tox* 1990; 44: 224-229.
 36. Chiang HC, Chen SS, Yu HS, Ko YC. The occurrence of carpal tunnel syndrome in frozen food factory employees. *Kaohsiung J Med Sci* 1990; 6: 73-80.
 37. Yen YY, Lan SJ, Lu CT, Yang CY, Hsieh SF, Ko YC. Frequency distribution of birthweight and gestational age in Taiwan. *Kaohsiung J Med Sci* 1990; 6: 186-193.
 38. Ko YC, Lan SJ, PY Chang. An increase risk of hepatitis B virus infection from Tattooing in Taiwan. *Kaohsiung J Med Sci* 1990; 6: 237-243. (Corresponder)
 39. Yeh SM, Yuan HS, Ko YC. Factors related to the willingness of nurses to care for AIDS patient in Taiwan. *Kaohsiung J Med Sci* 1990; 6: 422-427. (Corresponder)
 40. Ko YC, Chang SJ. Taiwan's first case of perinatal transmission of HIV confirmed by a modified Western blot test. *Kaohsiung J Med Sci* 1990; 6: 517-522. (Corresponder)
 41. Chen JY, Ko YC. Relationship between baccalaureate nursing faculty's competence and satisfaction with job and environment. *Kaohsiung J Med Sci* 1990; 6: 665-673.
 42. Chen WJ, Tsai SM, Chen SL, Ko YC, Fang AH. A study on transovarial transmission of dengue type I virus in *Aedes aegypti*. *The Chinese Journal of Microbiology and Immunology* 1990; 23: 259-270.

43. Lu CT, Ko YC, Shen MG, Lin WB. The concept of health promotion in oral health in Changhua. *Public Health quarterly* 1990; 17: 81-93.
44. Wu JS, Ko YC, Liu WT. HBV-2 Infection in Taiwan- *Excerpta Medica, Current clinical practice series* 1990; 57: 226-230.
45. Ko YC, Li SC, Yen YY, Yeh SM, Hsieh CC. Horizontal transmission of hepatitis B virus from siblings and intramuscular infection among preschool children in a familial cohort. *Am J Epidemiol* 1991; 133: 1015-1023. (Corresponder)
46. Liu WT, Chen CL, Lee SJ, Chan CC, Lo FL, Ko YC. Isolation of dengue virus with a promonocyte cell line. *Am J Trop Med Hyg* 1991; 44: 494-499.
47. Lin CC, Chen IJ, Ko YC. The mechanism of determining the adulteration of whole milk with milk powder by spectrophotometry. *Nahrung (food)* 1991; 35: 351-358. (Corresponder)
48. Ko YC, Lan SJ, Yen YY, Chen WJ. Efficiency gains from the use of sample pooling technique: A theoretical example of dengue virus detection in vector. *Kaohsiung J Med Sci* 1991; 7: 49-55. (Corresponder)
49. Chen JY, Ko YC. The experience of and reaction to stress by nursing faculty members of baccalaureate program. *Kaohsiung J Med Sci* 1991; 7: 81-91.
50. Chang SJ, Ko YC. Polymerase chain reaction technique for detection of human immunodeficiency virus type I. *Kaohsiung J Med Sci* 1991; 7: 115-119. (Corresponder)
51. Ko YC, Chung DC. Transmission of hepatitis B virus infection and parenteral injection in an endemic area. *Kaohsiung J Med Sci* 1991; 7: 313-317. (Corresponder)
52. Ko YC, Chung DC, Pai HH. Intramuscular injection associated gluteal fibrotic contracture and hepatitis B virus infection among school children. *Kaohsiung J Med Sci* 1991; 7: 358-362. (Corresponder)
53. Ko YC, Lan SJ, Yen YY, Su IH, Chen BH, Tsai JL. The prevalence of amphetamine use in adolescent students : Self-reported and urine analysis. *Kaohsiung J Med Sci* 1991; 7: 582-589. (Corresponder)
54. Ko YC, Chiang TA, Chang SJ, Hsieh SF. Prevalence of betel quid chewing habit in Taiwan and related socio-demographic factors. *J Oral Pathol Med* 1992; 21: 261-264. (Corresponder)
55. Chang PY, Lin KC, Chuang CY, Wang CR, Chen MY, Hsieh WC, Wang GR, Cheng DL, Chang KSS, Ko YC, Lin HT, Huang CCH. Status and Trend of HIV-1 Infection and AIDS in Taiwan, December, 1991. *Asian Pacific Journal of Allergy and Immunology* 1992; 10: 65-68.
56. Ko YC, Chen MJ, Yeh SM. The predisposing and protective factors against dengue virus transmission by mosquito vector. *Am J Epidemiology* 1992; 136: 214-220. (Corresponder)
57. Ko YC, Chang SJ. Sexual patterns and human immunodeficiency virus infection among homosexuals in Taiwan. *Sex Transm Dis* 1992; 19: 335-338. (Corresponder)
58. Ko YC, Ho MS, Chiang TA, Chang SJ, Chang PY. Tattooing as a risk of hepatitis C virus infection. *J Med Virol* 1992; 38: 288-291. (Corresponder)
59. Ko YC, Su IH, Lan SJ, Yen YY, Wu MC, Lee CH. Risk factors related to the use of amphetamines in adolescent students. *Kaohsiung J Med Sci* 1992; 8: 24-34. (Corresponder)
60. Lan SJ, Yen YY, Tsuang MS, Lu CT, Chiu JF, Ko YC, Hsieh CC. Strategies for blood screening for the hepatitis C virus and for the human immunodeficiency virus in high risk groups. *Kaohsiung J Med Sci* 1992; 8: 395-402.
61. Ko YC, Chang SJ. Estimation of incidence and prevalence of human immunodeficiency virus infection in Taiwan. *Epidemiological Bulletin* 1992; 8: 135-137. (Corresponder)
62. Ko YC, Lan SJ, Chiang TA, Yen YY, Hsieh CC. Successful use of pooled sera to estimate HIV antibody seroprevalence and eliminate all positive cases. *Asia Pac J Public Health* 1992; 6: 146-149. (Corresponder)
63. Chiang HC, Ko YC, Chen SS, Yu HS, Wu TN, Chang PY. Prevalence of shoulder and upper-limb disorders among workers in the first- processing industry. *Scand J Work Environ Health* 1993; 19: 126-131.
64. Pai HH, Ko YC, Chen ER. Killing effect of gamma irradiation on *angiostrongylus cantonensis* in snails. *Am J Trop Med Hyg* 1993; 48: 827-830. (Corresponder)
65. Lu CT, Lan SJ, Hsieh CC, Yang MJ, Ko YC, Tsai CC, Yen YY. Prevalence and characteristics of areca nut chewers among junior high school students in Changhua county, Taiwan. *Community Dent Oral* 1993; 21: 370-373.
66. Guo HG, Reitz MS, Gallo RC, Ko YC, Chang KSS. A new subtype of HIV-1 gag sequence detected in Taiwan. *AIDS Res Hum Retrov* 1993; 9: 925-927.
67. Wang SC, Sheen PC, Ko YC. Strategies of medical centers and regional hospitals in response to new labour insurance fee schedule. *Kaohsiung J Med Sci* 1993, 9: 94-102.

68. Harn MR, Chiang YL, Tian MJ, Chang YH, Ko YC. The 1991 dengue epidemic in Kaohsiung city. *J Formosan Med Assoc* 1993; 92: S39-43.
69. Yang CY, Huang CC, Chang IC, Lee CH, Tsai JT, Ko YC. Pulmonary function and respiratory symptoms of portland cement workers in southern Taiwan. *Kaohsiung J Med Sci* 1993; 9: 186-192.
70. Huang YL, Lin LM, Ko YC. The betel nut and oral cancer. *Public Health quarterly* 1993; 19: 371-383.
71. Yuan HS, Shen SA, Chen JW, Jone KY, Ko YC. An in-service education program as a means to improve nurses' knowledge and attitude about AIDS and to increase their willingness to care for AIDS patients. *Kaohsiung J Med Sci* 1993; 9: 508-517.
72. Yang CY, Chiu JF, Lan SJ, Ko YC. Workplace risk factors associated with eye syndrome in office workers. *Kaohsiung J Med Sci* 1993; 9: 684-689.
73. Chang KSS, Ko YC, Chuang CY, Guo HG. Analysis of a new subtype of HIV-1 gag sequence from a case of vertical transmission in Taiwan. *Chinese J Microbiol Immunol* 1993; 26: 95-107.
74. Ko YC. Male to female ratio in human immuno-deficiency virus infection in Taiwan. *Epidemiological Bulletin* 1993; 9: 131-134. (Corresponder)
75. Pan BJ, Hong YJ, Chang GC, Wang MT, Cinkotai FF, Ko YC. Excess cancer mortality among children and adolescents in residential districts polluted by petrochemical manufacturing plant in Taiwan. *J Toxicol Environ Health* 1994; 43: 117-129.
76. Liou SH, Wu TN, Chiang HC, Yang GY, Wu YQ, Lai JS, Ho ST, Guo YL, Ko YC, Chang PY. Blood lead levels in the general population of Taiwan, Republic of China. *Int Arch Occup Environ Health* 1994; 66: 255-260.
77. Ko YC, Liu BH, Hsieh SF. Issues on aboriginal health in Taiwan. *Kaohsiung J Med Sci* 1994 ; 10: 337-351. (Corresponder)
78. Ko YC, Hsieh SF. Leading cause of deaths in Taiwan aborigines. *Kaohsiung J Med Sci* 1994 ; 10: 352-366. (Corresponder)
79. Hsieh SF, Liu BH, Pan BJ, Chang SJ, Ko YC. Mortality patterns of Taiwan aborigines due to accidents. *Kaohsiung J Med Sci* 1994; 10: 367-378. (Corresponder)
80. Ko YC, Liu BH, Hsieh SF, Wang TN. Cancer mortality analysis among aborigines in Taiwan. *Kaohsiung J Med Sci* 1994; 10: ,379-391. (Corresponder)
81. Wang TN, Chang SJ, Ko YC. Standardized incidence ratios for cancers in Taiwan aborigines 1981-1987. *Kaohsiung J Med Sci* 1994; 10: 392-404. (Corresponder)
82. Liu BH, Hsieh SJ, Chang SJ, Ko YC. Prevalence of smoking, drinking and betel quid chewing and related factors among aborigines in Wufeng district. *Kaohsiung J Med Sci* 1994; 10: ,405-411. (Corresponder)
83. Chang SJ, Lee JT, Ko YC. Deep sea fishermen's sexual behavior: a comparison of aborigines with non-aborigines. *Kaohsiung J Med Sci* 1994; 10: ,412-421. (Corresponder)
84. Tsai JF, Margolis HS, Jeng JE, Ho MS, Ko YC, Lin ZY, Chang WY, Tsai JH. Association between hepatitis B and C virus infection and Chinese hepatocellular carcinoma: A case-control study. *Viral Hepatitis and Liver Disease* 1994; 697-700.
85. Ko YC, Huang YL, Lee CH, Chen MJ, Lin LM, Tsai CC. Betel quid chewing, cigarette smoking and alcohol consumption related to oral cancer in Taiwan. *J Oral Pathol Med* 1995; 24: 450-453. (Corresponder)
86. Liou SH, Wu TN, Chiang HC, Yang GY, Wu YQ, Lai JS, Ho HT, Guo YL, Ko YC, Chang PY. Assessment of performance on measurement of blood lead levels in Taiwanese general population. *Ind Health* 1995; 33: 181-190.
87. Tung YC, Chang SJ, Ko YC, Chen HY, Lin KH. Comparison of the genetic variation in type 1 dengue virus isolates in Taiwan, 1987-1992. *Kaohsiung J Med Sci* 1995; 11: 243-249.
88. Chang FT, Chang SJ, Wu YY, Wang TN, Ko YC. Body mass index and hyperuricemia differences between aboriginal and non-aboriginal children in Taiwan. *Kaohsiung J Med Sci* 1995; 11: 315-321. (Corresponder)
89. Yang MS, Chang FT, Chung HH, Chen SS, Ko YC. Risk factors related to alcohol use among adolescents of fathers with alcoholism. *Kaohsiung J Med Sci* 1995; 11: 686-696. (Corresponder)
90. Yang CY, Chiu JF, Chiu HF, Wang TN, Lee CH, Ko YC. Relationship between water hardness and coronary mortality in Taiwan. *J Toxicol Environ Health* 1996; 49: 1-9.
91. Yang MS, Su IH, Wen JK, Ko YC. Prevalence and related risk factors of betel quid chewing by adolescent students in southern Taiwan. *J Oral Pathol Med* 1996; 25: 69-71. (Corresponder)
92. Liou SH, Wu TN, Chiang HC, Yang GY, Yang T, Wu YQ, Lai JS, Ho HT, Guo YL, Ko YC, Ko KN, Chang PY. Blood lead levels in Taiwanese adults: Distribution and influencing factors. *Science*

- Total Environ 1996; 180: 211-219.
93. Liou SH, Wu TN, Chiang HC, Yang GY, Yang T, Wu YQ, Lai JS, Ho HT, Guo YL, Ko YC, Ko KN, Chang PY. Three-year survey of blood lead levels in 8828 Taiwanese adults. *Int Arch Occup Environ Health* 1996; 68: 80-87.
 94. Pan TC, Wu WJ, Huang KC, Weib BL, Ko YC. Biological monitoring for chromium exposures in workplace. *Jpn J Toxicol Environ Health* 1996; 42: 301-306.
 95. Lu CT, Lan SJ, Yen YY, Ho CS, Hsieh CC, Ko YC. A case-control study of oral cancer in Changhua County, Taiwan. *J Oral Pathol Med* 1996; 25: 245-248.
 96. Yang CY, Huang CC, Chiu HF, Chiu JF, Lan SJ, Ko YC. Effects of occupational dust exposure on the respiratory health of portland cement workers. *J Toxicol Environ Health* 1996 ; 49: 581-588.
 97. Hsieh SF, Yen YY, Lan SJ, Hsieh CC, Lee CH, Ko YC. A cohort study on mortality of people exposed to polychlorinated biphenyls. *Arch Environ Health* 1996; 51: 417-424. (Corresponder)
 98. Wang L, Ker CC, Chen JS, Ko YC. Cost and effectiveness assessment of laparoscopic cholecystectomy. *Kaohsiung J Med Sci* 1996; 12: 150-158. (Corresponder)
 99. Chang SJ, Chen HC, Ying J, Lu CF, Ko YC. Risk factors of hepatitis C virus infection in a Taiwanese aboriginal community. *Kaohsiung J Med Sci* 1996; 12: 241-247. (Corresponder)
 100. Ko NY, Chung HH, Chang SJ, Ko YC. The relationship between self-efficacy perceived AIDS threat, and sexual behaviors: Analysis of 108 male homosexuals in southern Taiwan. *Nurse Studying* 1996; 4: 285-297.
 101. Yang MS, Ko YC, Wen JK. Prevalences and related factors of substances use in female aborigines in southern Taiwan. *Kaohsiung J Med Sci* 1996; 12: 634-640. (Corresponder)
 102. Ko YC. Air pollution and its health effects on residents in Taiwanese communities. *Kaohsiung J Med Sci* 1996; 12: 657-669. (Corresponder)
 103. Wang JY, Ko YC, Wang LCJ, Chang FM, Lin KC. Operation directions by comparing financial ratio of 22 provincial hospitals. *Kaohsiung J Med Sci* 1996; 12: 737-745. (Corresponder)
 104. Chen MY, Hung CC, Lin YG, Lin RY, Twu SJ, Ko YC, Ho HN, Lin CP, Huang SF, Kerrigan ME, Wang-Peng J, Chuang CY, Chang KSS, Sung JL, Chang HJ, Shih YT, Chang PY. Reappraisal of the early diagnostic value of serial analyses of western blot patterns for HIV infection in neonates. *Int J Infect Dis* 1996; 1: 83-86.
 105. Lee CL, Ko YC. Hepatitis B vaccination and hepatocellular carcinoma in Taiwan. *Pediatrics* 1997; 99: 351-353. (Corresponder)
 106. Ko YC, Lee CH, Chen MJ, Huang CC, Chang WY, Lin HJ, Wang HZ, Chang PY. Risk and protective factors for primary lung cancer among non-smoking women in Taiwan. *Int J Epidemiol* 1997; 26: 24-31. (Corresponder)
 107. Chang SJ, Ko YC, Wang TN, Chang FT, Cinkotai FF, Chen CJ. High prevalence of gout and related risk factors in Taiwan's aborigines. *J Rheumatol* 1997; 24: 1364-1369. (Corresponder)
 108. Chiang TA, Wu PF, Wang LF, Lee H, Lee CH, Ko YC. Mutagenicity and polycyclic aromatic hydrocarbon content of fumes from heated cooking oils produced in Taiwan. *Mut Res* 1997; 381: 157-161. (Corresponder)
 109. Chang IC, Wang JY, Ko YC. A study on behavior towards injection among residents and physicians in Kaohsiung & Ping-Tung area. *Kaohsiung J Med Sci* 1997; 13: 342-350. (Corresponder)
 110. Chiang TA, Wu PF, Ko YC. Prevention of exposure to mutagenic fumes produced hot cooking oil in Taiwanese kitchens. *Environ Molecular Mut* 1998; 31: 92-96. (Corresponder)
 111. Yang MS, Ko YC. Prevalence and related risk factors of licit and illicit substances use by adolescent students in Southern Taiwan. *Public Health (England)* 1998; 112 : 347-352.
 112. Lee CL, Ko YC. Survival and distribution pattern of childhood liver cancer in Taiwan. *Eur J Cancer*, 1998, 34:2064-2067. (Corresponder)
 113. Tsai SM, Wang TN, Ko YC. Cancer mortality trends in a blackfoot disease endemic community of Taiwan following water source replacement. *J Toxicol Environ Health* 1998; 55: 389-404. (Corresponder)
 114. Chang CJ, Ko YC, Liu HW. Seroepidemiology of hepatitis C virus infection among drug abusers in Southern Taiwan. *J Formos Med Assoc* 1998; 97: 826-829.
 115. Wu PF, Chiang TA, Wang LF, Chang CS, Ko YC. Nitro-polycyclic aromatic hydrocarbon contents of fumes from heated cooking oils and prevention of mutagenicity by catechin. *Mutation Research* 1998; 403: 29-34.
 116. Chen CL, Ko YC. Ultrasonography in blunt splenic trauma. *J Med Ultrasound* 1998, 6: 81-87. (Corresponder)

117. Wu PF, Chiang TA, Ko YC, Lee H. Genotoxicity of fumes from heated cooking oils produced in Taiwan. *Environ Res* 1999; 80: 122-126.
118. Chiang TA, Wu PF, Liao SY, Wang LF, Ko YC. Mutagenicity and aromatic amine content of fumes from heated cooking oils produced in Taiwan. *Food and Chemical Toxicology* 1999; 37: 125-134.
119. Chiang TA, Wu PF, Ko YC. Identification of carcinogens in cooking oil fumes. *Environ Research* 1999; 81: 18-22.
120. Tsai SM, Wang TN, Ko YC. Mortality for certain disease in areas with high-arsenic drinking water. *Arch Environ Health*, 1999, 54: 186-193. (Corresponder)
121. Chang SJ, Chang JG, Chen CJ, Wang JC, Ou TT, Chang KL, Ko YC. Identification of a new single nucleotide substitution on hypoxanthine-guanine phosphoribosyl-transferase gene from the Taiwan aboriginal severe gout family (HPRT_{Tsou}). *J Rheumatol* 1999; 26: 1802-1807. (Corresponder)
122. Yang MS, Chang FT, Chen SS, Lee CH, Ko YC. Betel quid chewing and risk of adverse pregnancy outcomes among aborigines in southern Taiwan. *Public Health (England)* 1999; 113: 189-192. (Corresponder)
123. Wang TN, Ko YC, Chao YY, Huang CC, Lin RS. Association between indoor and outdoor air pollution and adolescent asthma from 1995 to 1996 in Taiwan. *Environmental Research* 1999; A 81: 239-247. (Corresponder)
124. Chang CJ, Lin CH, Lee CT, Chang SJ, Ko YC, Liu HW. Hepatitis C virus infection among short-term intravenous drug users in southern Taiwan. *Eur J Epidemiol* 1999; 15: 597-601.
125. Guo YL, Lin YC, Sung FC, Huang SL, Ko YC, Lai JS, Su HJ, Shaw CK, Lin RS, Dockery DW. Climate, traffic-related air pollutants, and asthma prevalence in middle-school children in Taiwan. *Environmental Health Perspectives* 1999; 107: 1001-6.
126. Pai HH, Ko YC. Vaccine storage practices in primary care physicians' office in Taiwan. *Kaohsiung J Med Sci* 1999; 15: 274-279. (Corresponder)
127. Chen CL, Ko YC. Ultrasonography of blunt renal trauma in emergency room. *Society of Emergency & Critical Care Medicine, Taiwan* 1999, (in press). (Corresponder)
128. Ko YC, Cheng-Li SC, Lee CH, Huang JJ, Huang MS, Kao EL, Wang HZ, Lin HJ. Chinese food cooking and lung cancer in nonsmoking women. *Am J Epidemiol* 2000; 151: 140-147. (Corresponder)
129. Lee CH, Ko YC, Goggins W, Huang JJ, Huang MS, Kao EL, Wang HZ. Lifetime environmental exposure to tobacco smoke and primary lung cancer of nonsmoking Taiwanese women. *Int J Epidemiol* 2000; 29: 224-231. (Corresponder)
130. Ho PS, Wang TN, Hsieh TK, Ko YC. Differences in physician utilization between aboriginal and non-aboriginal children. *Family Practice* 2000; 17: 414-421. (Corresponder)
131. Wang TN, Ko YC, Wang TH, Cheng Li SC, Lin YC. Segregation analysis of asthma: recessive major gene component for asthma in relation to history of atopic diseases. *Am J Med Genet* 2000; 93: 373-380. (Corresponder).
132. Chang CJ, Ko YC, Liu HW. Serum alanine aminotransferase levels in relation to hepatitis B and C virus infections among drug abusers in an area hyperendemic for hepatitis B. *Digest Dis Sci*, 2000; 45: 1949-1952
133. Lee CL, Ko YC, Choong CS. Survival rate for liver cancer in Taiwan. *Chin Med J* 2000; 63: 16-20. (Corresponder)
134. Chen CM, Chang JG, Ko YC. Ethnic variation in CYP2E1, GSTM1, GSTT1 genes Polymorphism analysis: Taiwan aborigines, Thai and Filipino. *Mid Taiwan J Med* 2000; 5: 181-188.
135. Wang TN, Chao YY, Wang TH, Chen CJ, Ko YC. Familial risk of asthma among adolescent and their relatives. *J Asthma* 2001; 38: 485-494. (Corresponder)
136. Lee CH, Ko YC, Cheng-Li SC, Lin YC, Lin HJ, Huang MS, Huang JJ, Kao EL, Wang HZ. The heterogeneity in risk factors of lung cancer and the difference of histologic distribution between gender in Taiwan. *Cancer Cause Control* 2001; 12: 289-300. (Corresponder)
137. Bosken CH, Ko YC, Shete S, Wang TN, Chen J, Amos CI, Cheng-Li SC. Adaptations of linkage and association methods for the study of asthma, complex trait. *Genetic Epidemiol* 2001; 21S: S89-S96,.
138. Yang MS, Chung TC, Yang MJ, Hsu TY, Ko YC. Betel quid chewing and adverse birth outcomes among aborigines in Eastern Taiwan. *J Toxicol Environ Health* 2001; 64: 465-472. (Corresponder)
139. Lin RS, Sung FC, Huang SL, Gou YL, Ko YC, Gou HW, Shaw CK. Role of urbanization and air pollution in adolescent asthma: a mass screening in Taiwan. *J Formos Med Assoc* 2001; 100: 649-655.

140. Ho PS, KO YC, Yang YH, Shieh TY, Tsai CC. The incidence of oropharyngeal cancer in Taiwan--An endemic betel quid chewing area. *J Oral Pathol Med* 2002; 31: 213-219.
141. Chao YY, Jan CR, Ko YC, Chen JJ, Chen IS. Effect of lignans isolated from *Herdandia nymphaeifolia* on estrogenic compounds-induced calcium mobilization in human neutrophils. *Life Sci* 70: 3109-3121, 2002.
142. Ko YC, Wang TN, Chang FT, Tsai LY, Chang SJ. High Prevalence of Hyperuricemia in Adolescent Taiwan Aborigines. *J Rheumatol* 2002; 29:837-42. (Corresponder).
143. Chao YY, Chien CR, Ko YC, et al. Novel action of lignans isolated from *Hernandia nymphaeifolia* on Ca²⁺ signaling in human neutrophils. *Arch Toxicol* 2002; 75: 695-702,.
144. Chang JG, Ko YC, Lee JC, Chang SJ, Liu TC, Shih MC, Peng CT. Molecular analysis of mutations and polymorphism of Lewis secretor type $\alpha(1,2)$ -fucosyltransferase gene reveals that Taiwan aborigines are derived from Austronesian. *J Human genetics* 2002; 47: 60-65.
145. Chao YY, Chen IS, Ko YC, et al. Novel action of lignans isolated from *Hernandia nymphaeifolia* on Ca²⁺ signaling in renal tubular cells. *Eur J Pharmacol* 2002; 443: 31-38.
146. Chao YY, Jan CR, Ko YC, Chen JJ, Chen IS. Effect of lignans isolated from *Herdandia nymphaeifolia* on reactive oxygen species generation and calcium mobilization in human neutrophils. *Drug Develop Res* 2002; 55: 118-126.
147. Guo YL, Lee YL, Su HJ, et al. Climate, traffic-related air pollutants, and allergic rhinitis prevalence in middle school children in Taiwan. *Epidemiology* 2002 ; 13: 400.
148. Lee CI, Lin M, Tsai LC, Hsu CM, Hsieh HM, Huang NE, Shih TP, Wun JH, Chang JG, Ko YC, Tzeng CH, Linacre A. Population study of polymorphic microsatellite DNA in Taiwan. *Forensic Science J* 2002; 1: 31-37.
149. Liu CL, Chang SJ, Ko YC. Lower mortality and incidence for lung cancer in Taiwanese Aborigines. *Chinese J Occu Med* 2002; 9 : 205-212. (Corresponder)
150. Wang TN, Ko YC, et al. Segregation analysis of asthma: a recessive major gene component for asthma in relation to history of atopic diseases. *Am J Med Genet* 2003; 117: 102. (Corresponder).
151. Lee CL, Ko YC. Hepatocellular carcinoma trend in boys and girls in Taiwan. *Cancer Epidemiol Biomarkers & Prevention* 2003; 12: 57-59. (Corresponder).
152. Lee CH, Ko YC, Huang HL, Chao YY, Tsai CC, Shieh TY, Lin LM. The precancer risk of betel quit chewing, tobacco use and alcohol consumption in oral leukoplaka and oral submucous fibrosis in southern Taiwan. *Brit J Cancer* 2003; 88: 366-372. (Corresponder).
153. Lee YL, Ko YC, Guo YL, et al. Climate, traffic-related air pollutants, and allergic rhinitis prevalence in middle school children in Taiwan. *European Respiratory J* 2003; 21: 1-7.
154. Pai HH, Ko YC, Chen ER. Cockroaches (*Periplaneta americana* and *Blattella germanica*) as potential mechanical disseminators of *Entamoeba histolytica*. *Acta Tropica* 87: 355-359, 2003.
155. Tsai JF, Jeng JE, Chuang LY, Ho MS, Ko YC, Lin ZY, Hsieh MY, Chen SC, Chuang WL, Wang LY, Yu ML, Dai CY, Ho C. Habitual Betel Quid Chewing as a Risk Factor for Cirrhosis: A Case-Control Study. *Medicine* 82: 365-372, 2003.
156. Wang WH, Feng YP, Wang TN, Cheng-Li SC, Chang SJ, Chen CJ, Ko YC. Complex Segregation and Linkage Analysis of Familial Gout in Taiwanese Aborigines. *Arthritis and Rheumatism* 50: 242-246, 2004 (Corresponder).
157. Wu PF, lee CH , Wang MJ, Goggins WB, Chiang TA, Huang MS, Ko YC. Cancer aggregation and complex segregation analysis of families with female non-smoking cancer probands in Taiwan. *European J Cancer* 40: 260-266, 2004 (Corresponder).
158. Wang TN, Chen WY, Wang TH, Chen CJ, Huang LY, Ko YC. Gene-gene synergistic effect on atopic asthma: TNF α -308 and LT α Ncol in Taiwan children. *Clinical & Experimental Allergy* 34: 184-188, 2004. (Corresponder)
159. Chang SJ, Chen CJ, Hung HP, Ou TT, Ko YC. A Community- Based Study on Renal Dysfunction of Gout Patients in Taiwan Aborigines. *Scandinavian Journal of Rheumatology* 33: 233-238, 2004. (Corresponder)
160. Chen MJ, Wu DC, Ko YC, Chiou YY. Personal history and family history as a predictor of gastric cardiac adenocarcinoma risk: a case-control study in Taiwan. *American Journal of Gastroenterology* 99: 1250-1257, 2004.
161. Chen PH, Ko YC, Yang YH, Lin YC, Shieh TY, Chen CH, Tsai CC. Important prognostic factors of long-term oropharyngeal carcinoma survivors in Taiwan. *Oral oncology* 40: 847-855, 2004.
162. Li SC Cheng, Chiang SL, Tu HP, Chang SJ, Wang TN, Ko MJ, Chakraborty R , Ko YC. Genome-wide scan for gout in Taiwanese aborigines reveals linkage to chromosome 4q25. *Am J Hum Genet* 75: 498-503, 2004.(Corresponder)
163. Tsai JF, Jeng JE, Chuang LY, Ho MS, Ko YC, Lin ZY, Hsieh MY, Chen SC, Chuang WU, Wang LY, Yu ML,

- Dai CY. Habitual Betel Quid Chewing and Risk for Hepatocellular Carcinoma Complicating Cirrhosis. *Medicine* 83: 176-187, 2004.
164. Wu PF, Chiang TA, Wang TN, Huang MS, Ho PS, Lee CH, Ko Albert MS, Ko YC. Birth Cohort Effect on Lung Cancer Incidence in Taiwanese Women Assessed from 1981 to 1998. *Eur. J Cancer* 41: 1170-1177, 2005. (Corresponder)
 165. Ko YC, Huang MC, Wang TN, Chang SJ, Tu HP. Risk Factors Associated with Dyslipidemia in Children and Adolescent among Ethnic Groups in Taiwan. *Public Health* 119: 489-497, 2005. (Corresponder)
 166. Lee KW, Kuo WR, Tsai SM, Wu DC, Wang WM, Fang FM, Chiang FY, Ho KY, Wang LF, Tai CF, Kao EL, Chou SH, Lee CH, Chai CY, Ko YC. Different impact from betel quid, alcohol and cigarette: Risk factors for pharyngeal and laryngeal cancer. *Int J Cancer* 117: 831-836, 2005. (Corresponder)
 167. Lu CM, Chung MC, Huang CH, Ko YC. The Interaction Effect in Bladder Cancer between N-acetyltransferase 2 Genotype and Alcohol Drinking. *Urologia Internationalis* 75: 360 – 364, 2005 (Corresponder).
 168. Chang SJ, Chen SM, Jiang SL, Chang KL, Ko YC. Association between cigarette smoking and hypoxanthine guanine phosphoribosyltransferase activity. *Kaohsiung J Med Sci* 2005;21:495–501. (Corresponder)
 169. Wang TN, Chen WY, Huang YF, Shih NH, Feng WW, Tseng HI, Lee CH, Ko YC. The synergistic effects of the IL-9 gene and environmental exposures on asthmatic Taiwanese families as determined by the transmission/disequilibrium test. *International (European) Journal of Immunogenetics* 33: 105-110, 2006. (Corresponder)
 170. Chen PH, Tsai CC, Lin YC, Ko YC, Yang YH, Shieh TY, Ho PS, Li CM, Ko Albert MS, Chen CH. Ingredients contribute to variation in production of reactive oxygen species by areca quid in oral mucosa. *J Toxicol Environmental Health* 69: 1055-1069, 2006.
 171. Wang TN, Huang MC, Chang WT, Ko Albert MS, Tsai EM, Liu CS, Ko YC. The G-2548A polymorphism of the leptin gene and its synergistic effect with the Q233R variant of the LEPR gene plays important roles in extreme obesity among Taiwan's aborigines. *Obe Res* 14:183-187 2006. (Corresponder)
 172. Wu IC, Lu CY, Kuo FC, Tsai SM, Lee KW, Kuo WR, Cheng YJ, Kao EL, Yang MS, Ko YC. Interaction between cigarette, alcohol and betel nut use on Esophageal Cancer Risk in Taiwan. *European Journal of Clinical Investigation* 36: 236-241, 2006 (Corresponder)
 173. Yang MS, Ho SY, Chou FH, Chang SJ, Ko YC. Physical abuse during pregnancy and risk of infant low birth weight among aborigines in Taiwan. *Public Health* 120: 557-562, 2006.
 174. Er TK, Tsai, EM, Tsai LY, Ko YC, Lee JN. In vitro effects of arecoline on sperm motility and cyclooxygenase-2 expression. *The Journal of Toxicological Science* 31: 75-82, 2006.
 175. Lu HF, Shih MC, Chang YS, Chang JY, Ko YC, Chang SJ, Chang JG. Molecular analysis of thiopurine S-methyltransferase alleles in Taiwan aborigines and Taiwanese. *J Clin Pharm Ther* 31(1) :93-8, 2006 Feb.
 176. Yang MS, Yang MJ, Chang SJ, Chen SC, Ko YC. Intimate partner violence and minor sychiatric morbidity of aboriginal Taiwanese women. *Public Health Rep* 121(4):453-9, 2006 Jul-Aug.
 177. Wang TN, Chen WY, Chu YT, Feng WW, Shih NH, Hsiang CH, Ko YC. Association of IFN- γ and IFN regulatory factor 1 polymorphisms with asthma in a family-based association study in Taiwan. *Clinical & Experimental Allergy* 2006. (in press) (Corresponder)
 178. Huang MC, Wang TN, Ko YC, et al Association between apolipoprotein CIII SstI polymorphism and hypertriglyceridemia in Taiwan aborigines. *Circulation Journal* 2006(in press) (Corresponder).
 179. Chang FH, Wang HJ, Wang SL, Wang YC, Hsieh DP, Chang LW, Ko YC. Survey of urinary nickel in residents of areas with a high density of electroplating factories. *Chemosphere*. 2006 Jun 13; [Epub ahead of print]