



Chiou, Hung-Yi, PhD
Distinguished Investigator
and Director
+886-37-206166 ext. 36300
Fax: +886-37-586261
hychiou@nhri.org.tw

Education

- 1991 – 1996
Doctor Degree, Graduate Institute of Epidemiology, National Taiwan University, Taiwan.
- 1987 – 1989
Master Degree, Institute of Public Health, National Taiwan University, Taiwan.
- 1981 – 1985
Bachelor Degree, School of Public Health, National Taiwan University, Taiwan

Professional Experiences

Present Appointment :

- 2020/09-present
Institute of Population Health Sciences, National Health Research Institutes, Taiwan
Distinguished Investigator and Director
- 2017/8-Present
Master program in Applied Molecular Epidemiology, Taipei Medical University
Distinguished Professor
- 2020/7-Present
International Cooperation and Development Fund (ICDF)
Board Director
- 2017/10-Present
Asia-Pacific Academic Consortium for Public Health (APACPH)
Finance Vice President
- 2017/2-Present
Taiwan Society for Development of Long-Term Care and Senior Health Management
President
- 2019/10-Present
Taiwan Public Health Association
Supervisor
- 2009/10-Present
Taiwan Epidemiology Association
Standing Director

Previous Appointment :

- 2019/1-2020/8
Institute of Population Health Science, National Health Research Institute(NHRI)
Joint Researcher

- 2017/8-2020/8
Master program in Applied Molecular Epidemiology, Taipei Medical University
Director
- 2015/1-2017/12
Social Medicine Discipline, Department of Life Sciences, Ministry of Science and Technology (MOST)
Convener
- 2013/3-2017/12
Public Health Discipline, Higher Education Evaluation and Accreditation Council of Taiwan
Convener
- 2012/8-2017/7
Taipei Medical University
Vice President
- 2011/5-2016/3
Taiwan Society of International Classification of Functioning ,Disability, and Health (ICF)
Director
- 2010/10-2017/9
Asia-Pacific Academic Consortium for Public Health (APACPH)
Chief Financial Officer
- 2010/10-2013/9
Taiwan Public Health Association
President
- 2009/1-2013/7
School of Public Health and Nutrition, Taipei Medical University
Dean
- 2008/5-2020/8
Dr. Chi-Chin Huang Stroke Research Center, Taipei Medical University
Director
- 2005/8-2009/7
School of Public Health, Taipei Medical University
Director
- 2003/9-2005/7
Office of Academic Affairs, Taipei Medical University
Dean
- 2002/9-2008/12
Taiwan Epidemiology Association
President
- 2002/9-2006/7
Center of General Education, Taipei Medical University

| |
|---|
| Director |
| Research Interests |
| <ol style="list-style-type: none"> 1.Molecular Epidemiology on vascular disease and cancer 2.Evidence based public health 3.Health policy development, implementation and evaluation 4.Global health |
| Research Activities & Accomplishment |
| Over 244 SCI & SSCI papers (since 1992) and 11 book chapters focus on health outcomes including Arsenic related health effects, NCD including stroke, cardiovascular diseases, DM, CKD and cancers. |
| Selected Publications |
| <ol style="list-style-type: none"> 1. Chen CH, Tang SC, Cheng YW, Tsai HH, Chi NF, Sung PS, Yeh HL, Lien LM, Lin HJ, Lee MJ, Hu CJ, Chiou HY, Jeng JS. Detrimental effects of intracerebral haemorrhage on patients with CADASIL harbouring NOTCH3 R544C mutation. J Neurol Neurosurg Psychiatry. 2018 Oct 11. 2. Hsu LI, Hsieh FI, Wang YH, Lai TS, Wu MM, Chen CJ, Chiou HY*, Hsu KH. Arsenic Exposure From Drinking Water and the Incidence of CKD in Low to Moderate Exposed Areas of Taiwan: A 14-Year Prospective Study. Am J Kidney Dis. 2017 Dec;70(6):787-797. 3. Hsu LI, Cheng YW, Chen CJ, Wu MM, Hsu KH, Chiou HY, Lee CH. Cumulative arsenic exposure is associated with fungal infections: Two cohort studies based on southwestern and northeastern basins in Taiwan. Environ Int. 2016 Nov;96:173-179. 4. Hsu LI, Wang YH, Hsieh FI, Yang TY, Wen-Juei Jeng R, Liu CT, Chen CL, Hsu KH, Chiou HY, Wu MM, Chen CJ. Effects of Arsenic in Drinking Water on Risk of Hepatitis or Cirrhosis in Persons With and Without Chronic Viral Hepatitis. Clin Gastroenterol Hepatol. 2016 Apr 6. pii: S1542-3565(16)30018-0. 5. Sung YF, Lu CC, Lee JT, Hung YJ, Hu CJ, Jeng JS, Chiou HY*, Peng GS. Homozygous ALDH2*2 Is an Independent Risk Factor for Ischemic Stroke in Taiwanese Men. Stroke. 2016 Sep;47(9):2174-9. 6. Tang SC, Yeh SJ, Tsai LK, Hu CJ, Lien LM, Peng GS, Yang WS, Chiou HY, Jeng JS. Cleaved but not endogenous secretory RAGE is associated with outcome in acute ischemic stroke. Neurology. 2015 Dec 18. 7. Tsai CL, Lin YH, Wang MT, Chien LN, Jeng C, Chian CF, Perng WC, Chiang CH, Chiou HY*. Gastro-oesophageal reflux disease increases the risk of intensive care unit admittance and mechanical ventilation use among patients with chronic obstructive pulmonary disease: a nationwide population-based cohort study. Crit Care. 2015 Mar 24;19:110. 8. Zhang K, Lin JW, Wang J, Wu X, Gao H, Hsieh YC, Hwu P, Liu YR, Su L, Chiou HY, Wang D, Yuan YC, Whang-Peng J, Chiu WT, Yen Y. A germline |

missense mutation in COQ6 is associated with susceptibility to familial schwannomatosis. *Genet Med.* 2014 Oct;16(10):787-92.

9. Wang YH, Yeh SD, Wu MM, Liu CT, Shen CH, Shen KH, Pu YS, Hsu LI, **Chiou HY***, Chen CJ. Comparing the joint effect of arsenic exposure, cigarette smoking and risk genotypes of vascular endothelial growth factor on upper urinary tract urothelial carcinoma and bladder cancer. *J Hazard Mater.* 2013 Nov 15;262:1139-46.
10. Chi NF, Chien LN, Ku HL, Hu CJ, **Chiou HY***. Alzheimer Disease and Risk of Stroke: A Population-Based Cohort Study. *Neurology.* 2013 Feb 19;80(8):705-11.
11. Hsieh YC, Lien LM, Chung WT, Hsieh FI, Hsieh PF, Wu MM, Tseng HP, **Chiou HY***, Chen CJ. Significantly increased risk of carotid atherosclerosis with arsenic exposure and polymorphisms in arsenic metabolism genes. *Environmental Research.* 2011 Aug; 111(6) :804-810.
12. Hsieh FI, Lien LM, Chen ST, Bai CH, Sun MC, Tseng HP, Chen YW, Chen CH, Jeng JS, Tsai SY, Lin HJ, Liu CH, Lo YK, Chen HJ, Chiu HC, Lai ML, Lin RT, Sun MH, Yip BS, **Chiou HY***, Hsu CY; Taiwan Stroke Registry Investigators. Get With the Guidelines-Stroke performance indicators: surveillance of stroke care in the Taiwan Stroke Registry: Get With the Guidelines-Stroke in Taiwan. *Circulation.* 2010 Sep 14;122(11):1116-23.
13. Chen YH, **Chiou HY**, Tang CH, Lin HC. Risk of Death by Unnatural Causes During Early Childhood in Offspring of Parents With Mental Illness. *Am J Psychiatry.* 2010 Feb;167(2):198-205.
14. Sheu JJ, **Chiou HY***, Kang JH, Chen YH, Lin HC*. Tuberculosis and the Risk of Ischemic Stroke. A 3-Year Follow-Up Study. *Stroke.* 2010 Feb; 41(2):244-9.
15. Chen YH, **Chiou HY**, Lin HC, Lin HL. Affect of seizures during gestation on pregnancy outcomes in women with epilepsy. *Arch Neurol.* 2009 Aug; 66(8):979-84.
16. Hsieh FI, Lo WC, Lin HJ, Hsieh YC, Lien LM, Bai CH, Tseng HP, **Chiou HY***. The significant synergistic effect of peroxisome proliferator-activated receptor γ C-2821T and diabetes mellitus on the risk of ischemic stroke. *Diabetes Care.* 2009 Nov; 32(11):2033-5.
17. Hsieh FI, Hwang Thomas IS, Hsieh YC, Lo HC, Su CT, Hsu HS, **Chiou HY***, Chen CJ. Risk of Erectile Dysfunction Induced by Arsenic Exposure through Well Water Consumption in Taiwan. *Environmental Health Perspectives.* 2008; 116:532-536.
18. Chen CL, Hsu LI, **Chiou HY**, Hsueh YM, Chen SY, Wu MM, Chen CJ. Ingested arsenic, cigarette smoking, and lung cancer risk: a follow-up study in arseniasis-endemic areas in Taiwan. *JAMA.* 2004 Dec 22;292(24):2984-90.

19. Wu MM, **Chiou HY**, Ho IC, Chen CJ and Lee TC. Gene expression of inflammatory molecules in circulating lymphocytes from arsenic-exposed human subjects. *Environ Health Perspect.* 2003 Aug;111(11):1429-38.
20. Hsu YS, Chien RN, Yeh CT, Sheen IS, **Chiou HY**, Chu CM, Liaw YF. Long-term outcome after spontaneous HBeAg seroconversion in patients with chronic hepatitis B. *Hepatology.* 2002 Jun;35(6):1522-7.
21. Wang CH, Jeng JS, Yip PK, Chen CL, Hsu LI, Hsueh YM, **Chiou HY**, Wu MM, Chen CJ. Biological gradient between long-term arsenic exposure and carotid atherosclerosis. *Circulation.* 2002 Apr 16;105(15):1804-9.
22. **Chiou HY**, Chiou ST, Hsu YH, Chou YL, Tseng CH, Wei ML, Chen CJ. Incidence of transitional cell carcinoma and arsenic in drinking water: a follow-up study of 8,102 residents in an arseniasis-endemic area in northeastern Taiwan..*Am J Epidemiol.* 2001 Mar 1;153(5):411-8.
23. Wu MM, **Chiou HY**, Wang TW, Hsueh YM, Wang IH, Chen CJ, Lee TC. Association of blood arsenic levels with increased reactive oxidants and decreased antioxidant capacity in a human population of northeastern Taiwan. *Environ Health Perspect.* 2001 Oct;109(10):1011-7.
24. **Chiou HY**, Hsueh YM, Hsieh LL, Hsu LI, Hsu YH, Hsieh FI, Wei ML, Chen HC, Yang HT, Leu LC, Chu TH, Chen-Wu C, Yang MH and Chien CJ. Arsenic methylation capacity, body retention, and null genotypes of glutathione S-transferase M1 and T1 among current arsenic-exposed residents in Taiwan. *Mutat Res.* 1997 Jun;386(3):197-207.
25. **Chiou HY**, Huang WI, Su CL, Chang SF, Hsu YH and Chen CJ. Dose-response relationship between prevalence of cerebrovascular disease and ingested inorganic arsenic. *Stroke.* 1997 Sep;28(9):1717-23.
26. Chen CJ, **Chiou HY**, Chiang MH, Lin LJ and Tai TY. Dose-response relationship between ischemic heart disease mortality and long-term arsenic exposure. *Arterioscler Thromb Vasc Biol.* 1996 Apr;16(4):504-10.
27. **Chiou HY**, Hsueh YM, Liaw KF, Horng SF, Chiang MH, Pu YS, Lin JSN, Huang CH, Chen CJ. Incidence of internal cancers and ingested inorganic arsenic: a seven-year follow-up study in Taiwan. *Cancer Res.* 1995 Mar 15;55(6):1296-300.