



Kaohsiung Medical University
School of Dentistry, College of Dental Medicine

CURRICULUM VITAE

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EDUCATION

Ph.D. School of Dentistry, College of Dental Medicine, Kaohsiung Medical University, Taiwan, 1998-2005 (Major in Molecular Epidemiology and Environmental Biostatistics)

M.S. Department of Public Health, Kaohsiung Medical University, Taiwan, 1997-1998 (Major in Epidemiology and Biostatistics)

B.S. Department of Public Health, Kaohsiung Medical University, Taiwan, 1993-1997 (Major in Public Health)

WORK EXPERIENCE

1. Associate Professor (School of Dentistry, College of Dental Medicine, Kaohsiung Medical University)(2014/8 ~) (Major in Betel related systemic disease, particularly concentrating in the research of oral and pharyngeal cancer)
2. Assistant Professor (School of Dentistry, College of Dental Medicine, Kaohsiung Medical University)(2010/9 ~2014/7) (Major in Betel related systemic disease, particularly concentrating in the research of oral and pharyngeal cancer)
3. PostDoc. (Center of Excellent for Environmental Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan) (2009/11~2010/8) (Major in Environmental (Betel use) Genomics and Toxicology)
4. PostDoc. Division of Environmental Health and Occupational Medicine, National Health Research Institutes (2005/10~2009/10) (Major in Environmental (Betel use) Medicine and Epidemiology)
5. Assistant Professor (Department of Medical Laboratory Science and Biotechnology, College of Medicine and Life Science, Chung-Hwa University of Medical Technology, Taiwan) (2007/11~2008/7) (Major in Biostatistics)



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RESEARCH INTERESTS

Betel molecular epidemiology, betel toxicology biomarkers, betel related oral cancer, betel addiction disorders, betel related systemic disease.

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Recent Publications past five years (2010-2015)

1. Bin Huang, Jen-Kun Cheng, Chien-Yi Wu, **Ping-Ho Chen**, Po-Shu Tua, Yaw-Syan Fu, Chien-Hsing Wu (2015 Aug). Camptothecin promotes the production of nitric oxide that triggers subsequent S-nitrosoproteome-mediated signaling cascades in endothelial cells. *VASCULAR PHARMACOLOGY*. pii: S1537-1891(15)00174-3. (SCI, 57/255, PHARMACOLOGY & PHARMACY)
2. Jen-Yang Tang, Ruei-Nian Li, **Ping-Ho Chen**, Hurng-Wern Huang, Ming-Feng Hou and Hsueh-Wei Chang (2015, Apr). Alternative Splicing, DNA Damage and Modulating Drugs in Radiation Therapy for Cancer. *Anti-Cancer Agents in Medicinal Chemistry*. 15(6):674-80. (SCI, 22/58, CHEMISTRY, MEDICINAL).
3. Shyh-Jong Wu, Yun-Ju Chen, Tien-Yu Shieh, Chun-Ming Chen, Yen-Yun Wang, Kun-Tsung Lee, Yueh-Ming Lin, Pei-Hsuan Chien, and **Ping-Ho Chen***(2015). Association study between novel CYP26 polymorphisms and the risk of betel quid-related malignant oral disorders. *Scientific World Journal*. (SCI, 16/55, MULTIDISCIPLINARY SCIENCES). NSC 102-2314-B-037-073.
4. **Ping-Ho Chen**, Bin Huang, Tien-Yu Shieh, Yan-Hsiung Wang, Yuk-Kwan Chen, Ju-Hui Wu, Jhen-Hao Huang, Chun-Chia Chen*, and Ka-Wo Lee* (2014, Oct). The Influence of Monoamine Oxidase Variants on the Risk of Betel Quid-Associated Oral and Pharyngeal Cancer. *Scientific World Journal*, Volume 2014 (2014), Article ID 183548, 8 pages. (SCI, 16/55, MULTIDISCIPLINARY SCIENCES). NSC 102-2314-B-037-073.
5. Frank Lei, **Ping-Ho Chen**, Jing-Yi Chen, Wen-Chen Wang, Li-Min Lin, Hsien-Cheng Huang, Kun-Yen Ho, Chung-Ho Chen⁵ and Yuk-Kwan Chen* (2014, Jul). Retrospective study of biopsied head and neck lesions in a cohort of referral Taiwanese patients. *Head & Face Medicine*, 10:28 doi:10.1186/1746-160X-10-28. (SCI, 62/83, DENTISTRY, ORAL SURGERY & MEDICINE).
6. **Ping-Ho Chen**, Ka-Wo Lee, Cheng-Chieh Hsu, Jeff Yi-Fu Chen, Yan-Hsiung Wang, Ker-Kong Chen, Hui-Min David Wang, Hurng-Wern Huang* and Bin Huang* (2014, Jul). Expression of a splice variant of CYP26B1 in betel quid-related oral cancer. *Scientific World Journal*, 2014;2014:810561. doi: 10.1155/2014/810561. (SCI, 16/55, MULTIDISCIPLINARY SCIENCES). NSC 102-2314-B-037-073.



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7. Ying-Chun Lin, Yea-Yin Yen, Chin-Shun Chang, Chun-Chan Ting, **Ping-Ho Chen**, Chih-Chang Chen, Wu-Der Peng, Pi-Li Lin, Chih-Yang Hu, Ted Chen, Chien-Hung Lee, Hsiao-Ling Huang (2014, Jul). Oral Health Disparities of Children among Southeast Asian Immigrant Women in Arranged Transnational Marriages in Taiwan. *CARIES RESEARCH*, DOI: 10.1159/000351680. (SCI, 13/83 · DENTISTRY, ORAL SURGERY & MEDICINE). NSC 101-2314-B-037-039-MY3.
8. **Ping-Ho Chen**, Yaw-Syan Fu, Yun-Ming Wang, Kun-Han Yang, Danny Ling Wang, and Bin Huang* (Ping-Ho Chen and Yaw-Syan Fu contributed equally to this paper) (2014, May). Hydrogen sulfide increases nitric oxide production and subsequent s-nitrosylation in endothelial cells. *Scientific World Journal*, Volume 2014 (2014), Article ID 480387, 8 pages. (SCI, 16/55, MULTIDISCIPLINARY SCIENCES). NSC 101-2320-B-037-041.
9. Tsu-Nai Wang, Ming-Shyan Huang, Meng-Chih Lin, Tsai-Hui Duh, Chih-Hung Lee, Chin-Chou Wang, **Ping-Ho Chen**, Shang-Lun Chiang, Chau-Chyun Sheu, Vincent Chin-Hung Chen, Chao-Chien Wu*, Cleusa P. Ferri, Robert Stewart, Ying-Chin Ko* (2014, Mar). Betel chewing and arecoline affects eotaxin-1, asthma and lung function. *PLoS One*, 9: e91889.. (SCI, 8/55, MULTIDISCIPLINARY SCIENCES).
10. Hsiu-Yueh Liu, Hsin-Chia Hung, Szu-Yu Hsiao, Hong-Sen Chen, Yea-Yin Yen, Shun-Te Huang, Chun-Chih Chen, **Ping-Ho Chen**, Cheng-Chin Chen, Pei-Chen Lin, Yun-Lin Lu (2013, Sep). Impact of 24-month fluoride tablet program on children with disabilities in a non-fluoridated country. *RESEARCH IN DEVELOPMENTAL DISABILITIES*, 34(9), 2598–2605. (SSCI, 1/37 · EDUCATION, SPECIAL).
11. Che-Yi Lin, Tien-Szu Pan, Chun-Chan Ting, Shih-Shin Liang, Shu-Hung Huang, Hsiu-Yueh Liu, Edward Cheng-Chuan Ko, Chung-Wei Wu, Jen-Yang Tang, **Ping-Ho Chen*** (2013). Cytochrome P450 Metabolism of Betel Quid-Derived Compounds: Implications for the Development of Prevention Strategies for Oral and Pharyngeal Cancers. *Scientific World Journal*. (SCI, 16/55 · MULTIDISCIPLINARY SCIENCES).
12. Chien-Hung Lee, Ka-Wo Lee, Fu-Min Fang, Deng-Chyang Wu, Shih-Meng Tsai, **Ping-Ho Chen**, Tien-Yu Shieh, Chung-Ho Chen, I-Chen Wu, Hsiao-Ling Huang, Bai-Hsiun Chen, Cheng-Hsien Chang, Mu-Kuan Chen, Shah-Hwa Chou, Yi-Shan Tsai, Shang-Lun Chiang, Ying-Chin Ko (2012, Sep). The neoplastic impact of tobacco-free betel-quid on the histological type and the anatomical site of aerodigestive tract cancers. *INTERNATIONAL JOURNAL OF CANCER*, 131(5), E733-43. (SCI, 34/203 · ONCOLOGY). NSC 99-2314-B-037-057-MY3.
13. **Ping-Ho Chen**, Hung-Pin Tu, Shu-Jung Wang, Albert Min-Shan Ko, Chi-Pin Lee, Tai-An Chiang, Yi-Shan Tsai, Chien-Hung Lee, Tien-Yu Shieh, Chih-Hung Ko, Shang-Lun Chiang, Ying-Chin Ko (2012, Jul). Monoamine oxidase A variants are associated with heavy betel quid use. *ADDICTION BIOLOGY*, 17(4), 786-97. (SCI, 1/18 · SUBSTANCE ABUSE).
14. Chien-Hung Lee, Ka-Wo Lee, Fu-Min Fang, Deng-Chyang Wu, Tien-Yu Shieh, Hsiao-Ling Huang, Chung-Ho Chen, **Ping-Ho Chen**, Mu-Kuan Chen, Shou-Jen Kuo, Cheng-Hsien Chang, Yi-Shan Tsai, Shang-Lun Chiang, Hung-Pin Tu, Bai-Hsiun Chen, Ying-Chin Ko (2011, Oct).



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15. **Ping-Ho Chen**, Ka-Wo Lee, Chung-Ho Chen, Tien-Yu Shieh, Pei-Shan Ho, Shu-Jung Wang, Chien-Hung Lee, Sheau-Fang Yang, Mu-Kuan Chen, Shang-Lun Chiang, Ying-Chin Ko (2011, Jul). CYP26B1 is a novel candidate gene for betel quid-related oral squamous cell carcinoma. *ORAL ONCOLOGY*, 47(7),594-600. (SCI, 5/83 · DENTISTRY, ORAL SURGERY & MEDICINE).
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19. Pei-Fen Wu, Tai-An Chiang, Min-Tzu Chen, Chi-Pin Lee, **Ping-Ho Chen**, Albert Min-Shan Ko, Kai-Jen Yang, Po-Ya Chang, Der-Shin Ke, Ying-Chin Ko (2010, Jun). A characterization of the antioxidant enzyme activity and reproductive toxicity in male rats following sub-chronic exposure to areca nut extracts. *JOURNAL OF HAZARDOUS MATERIALS*, 178(1-3),541-6. (SCI, 2/124 · ENGINEERING, CIVIL).
20. Ching-Feng Lin, Shiing-Jer Twu, **Ping-Ho Chen**, Jror-Serk Cheng, Jung-Der Wang (2010, May). Prevalence and Determinants of Hepatitis B Antigenemia in 15 007 Inmates in Taiwan. *JOURNAL OF EPIDEMIOLOGY*, 20(3),231-6. (SCI, 29/162 · PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH).
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