



Yung-Kai Huang

Professor, Department of Oral Hygiene
College of Dental Medicine, Kaohsiung Medical
University
Kaohsiung, Taiwan
E-mail: ykhuang@kmu.edu.tw
Tel: 886-7-312-1101 ext. 2209#63

PROFESSIONAL EXPERIENCE

- 2021.08~ Professor, Department of Oral Hygiene, College of Dental Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan
- 2019.02~2021.08 Associate Professor, Department of Oral Hygiene, College of Dental Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan
- 2015.02 ~ 2019:02 Associate Professor, School of Oral Hygiene, College of Oral Medicine, Taipei Medical University, Taipei, Taiwan
- 2010.04 ~ 2015.02 Assistant Professor, School of Oral Hygiene, College of Oral Medicine, Taipei Medical University, Taipei, Taiwan
- 2009.02 ~ 2010.04 Postdoctoral Fellow, National Institute of Environmental Health Sciences, National Health Research Institutes, Miaoli County, Taiwan

EDUCATION

- Ph.D. Graduate Institute of Medical Sciences, Taipei Medical University, Taipei, Taiwan.\
- M.Sc. Graduate Institute of Public Health, Taipei Medical University, Taipei, Taiwan.
- B.S. School of Nursing, Taipei Medical University, Taipei, Taiwan.

RESEARCH SPECIALTY AREAS

- Biomarkers, Oral health literacy, Narrative dentistry

Scientific Publications <https://www.researchgate.net/profile/Yung-Kai-Huang/research>

2022/04 update* Corresponding author

- [1] **Y.K. Huang**, Y.T. Chen, Y.C. Chang, The implementation of shared decision-making in clinical dentistry: Opportunity and change, *Journal of the Formosan Medical Association*, 2022 (In Press), DOI: 10.1016/j.jfma.2022.03.011.
- [2] **Y.K. Huang**, Y.C. Chang, Oral health: The first step to sustainable development goal 3, *Journal of the Formosan Medical Association*, 2022 (In Press,). DOI:10.1016/j.jfma.2021.10.018
- [3] **Y.K. Huang**, Y.C. Chang, Challenge and action of improving oral health inequities in the time of COVID-19 pandemic, *Journal of the Formosan Medical Association* (In Press). 10.1016/j.jfma.2021.09.007
- [4] L.P. Hsu, **Y.K. Huang**, Y.C. Chang, The implementation of artificial intelligence in dentistry could enhance environmental sustainability, *Journal of Dental Sciences* 17(2) (2022) 1081-1082.
- [5] **Y.K. Huang**, Y.C. Chang, Narrative medicine as a good tool for patient-dentist discourse, *Journal of Dental Sciences* 17(1) (2022) 612.
- [6] **Y.K. Huang**, Y.T. Chen, Y.C. Chang, Initiating narrative medicine into dental education: Opportunity, change, and challenge, *Journal of the Formosan Medical Association* 120(12) (2021) 2191-2194.
- [7] T.V. Duong, C.Y. Lin, S.C. Chen, **Y.K. Huang**, O. Okan, K. Dadaczynski, C.F. Lai, Oxford COVID-19 Vaccine Hesitancy in School Principals: Impacts of Gender, Well-Being, and Coronavirus-Related Health Literacy, *Vaccines* 9(9) (2021) 985.
- [8] K.T. Lee, Z.L. Guo, N.C. Teng, K.L.C. Hsu, I.H. Chen, C.Y. Lee, H.M. Chang, **Y.K. Huang***, Salivary Pro-Inflammatory Markers and Smoking Status Influences the Treatment Effectiveness of Periodontal Disease Patients with Hypertension, *International Journal of Environmental Research and Public Health* 18(14) (2021) 7364.
- [9] **Y.K. Huang**, K.F. Tseng, P.H. Tsai, J.S. Wang, C.Y. Lee, M.Y. Shen, IL-8 as a Potential Therapeutic Target for Periodontitis and Its Inhibition by Caffeic Acid Phenethyl Ester In Vitro, *International Journal of Molecular Sciences* 22(7) (2021) 3641.
- [10] **Y.K. Huang**, L.C. Yang, Y.H. Wang, Y.C. Chang, Increased Risk of Migraine in Patients with Chronic Periodontitis: A Population-Based Cohort Study, *International Journal of Environmental Research and Public Health* 18(4) (2021) 1921.
- [11] **Y.K. Huang**, Y.H. Wang, Y.C. Chang, Chronic Periodontitis Is Associated with the Risk of Bipolar Disorder: A Population-Based Cohort Study, *International Journal of Environmental Research and Public Health* 17(10) (2020) 3466.
- [12] J.H. Lin, **Y.K. Huang**, K.D. Lin, Y.J. Hsu, W.F. Huang, H.L. Huang, Randomized Controlled Trial on Effects of a Brief Clinical-Based Intervention Involving Planning Strategy on Self-Care Behaviors in Periodontal Patients in Dental Practice, *International Journal of Environmental Research and Public Health* 16(20) (2019).
- [13] C.Y. Lee, C.H. Chang, N.C. Teng, H.M. Chang, W.T. Huang, **Y.K. Huang***, Associations between the phenotype and genotype of MnSOD and catalase in periodontal disease, *BMC Oral Health* 19(1) (2019) 201.

- [14] C.Y. Lee, C.S. Choy, Y.C. Lai, C.C. Chang, N.C. Teng, W.T. Huang, C.T. Lin, **Y.K. Huang***, A Cross-Sectional Study of Endogenous Antioxidants and Patterns of Dental Visits of Periodontitis Patients, *Int J Environ Res Public Health* 16(2) (2019).
- [15] C.C. Wu, **Y.K. Huang**, C.Y. Huang, H.S. Shiue, Y.S. Pu, C.T. Su, Y.C. Lin, Y.M. Hsueh, Polymorphisms of TNF-alpha -308 G/A and IL-8 -251 T/A Genes Associated with Urothelial Carcinoma: A Case-Control Study, *Biomed Research International* 2018 (2018) 3148137.
- [16] C.H. Chang, M.L. Han, N.C. Teng, C.Y. Lee, W.T. Huang, C.T. Lin, **Y.K. Huang***, Cigarette Smoking Aggravates the Activity of Periodontal Disease by Disrupting Redox Homeostasis- An Observational Study, *Sci Rep* 8(1) (2018) 11055.
- [17] S. Dima, K.J. Wang, K.H. Chen, **Y.K. Huang**, W.J. Chang, S.Y. Lee, N.C. Teng, Decision Tree Approach to the Impact of Parents' Oral Health on Dental Caries Experience in Children: A Cross-Sectional Study, *Int J Environ Res Public Health* 15(4) (2018) E692.
- [18] T.Y. Renn, **Y.K. Huang**, S.W. Feng, H.W. Wang, W.F. Lee, C.T. Lin, T. Burnouf, L.Y. Chen, P.F. Kao, H.M. Chang, Prophylactic supplement with melatonin successfully suppresses the pathogenesis of periodontitis through normalizing RANKL/OPG ratio and depressing the TLR4/MyD88 signaling pathway, *J Pineal Res* 64(3) (2018) e12464.
- [19] C.H. Chang, C.Y. Lee, S.W. Feng, N.F. Miao, P.H. Lin, C.T. Lin, S.H. Tsai, **Y.K. Huang***, Effects of Salivary Oxidative Markers on Edentulous Patients' Satisfaction with Prosthetic Denture Treatments: A Pilot Study, *PLoS. One* 11(3) (2016) e0151605.
- [20] Y.J. Kuo, **Y.K. Huang**, H.C. Chou, M.H. Pai, A.W. Lee, F.D. Mai, H.M. Chang, Reduced dental calcium expression and dental mass in chronic sleep deprived rats: Combined EDS, TOF-SIMS, and micro-CT analysis, *Applied Surface Science* 345(2015) (2015) 141-144.
- [21] K.G. Shyu, C.S. Choy, D.C.L. Wang, W.C. Huang, S.Y. Chan, H.C. Chan, C.T. Lin, C.C. Chang, **Y.K. Huang***, Change of Scaling-Induced Proinflammatory Cytokine on the Clinical Efficacy of Periodontitis Treatment, *The Scientific World Journal* 2015(-) (2015) 289647--.
- [22] P.H. Lin, S.K. Yeh, W.C. Huang, H.Y. Chen, C.H. Chen, J.R. Sheu, C.T. Lin, **Y.K. Huang***, Research performance of biomarkers from biofluids in periodontal disease publications, *Journal of Dental Sciences* 10(1) (2015) 61-67.
- [23] W.J. Lu, S.C. Lin, C.C. Lan, T.Y. Lee, C.H. Hsia, **Y.K. Huang**, H.C. Lee, J.R. Sheu, Effect of *Antrodia camphorata* on Inflammatory Arterial Thrombosis-Mediated Platelet Activation: The Pivotal Role of Protein Kinase C, *The Scientific World Journal* 2014(-) (2014) 745802--.
- [24] H.C. Lin, **Y.K. Huang**, H.S. Shiue, L.S. Chen, C.S. Choy, S.R. Huang, B.C. Han, Y.M. Hsueh, Arsenic methylation capacity and obesity are associated with insulin resistance in obese children and adolescents, *Food and Chemical Toxicology* 74(-) (2014) 60-67.
- [25] S.C. Hsieh, J.T. Tsao, W.Z. Lew, Y.H. Chan, L.W. Lee, C.T. Lin, **Y.K. Huang***, H.M. Huang*, Static magnetic field attenuates lipopolysaccharide-induced inflammation in pulp cells by affecting cell membrane stability, *Scientific World Journal* 2014(-) (2014) 49268.
- [26] P.S. Yang, W.C. Huang, S.Y. Chen, C.H. Chen, C.Y. Lee, C.T. Lin, **Y.K. Huang***, Scaling stimulated changes in salivary antioxidants and oral-health behaviors in an evaluation of periodontal treatment outcomes, *Scientific World Journal* 2014(-) (2014) 81467.

- [27] Y. Chang, T.C. Chang, J.J. Lee, N.C. Chang, **Y.K. Huang**, C.S. Choy, T. Jayakumar, Sanguis draconis, a Dragon's Blood Resin, Attenuates High Glucose-Induced Oxidative Stress and Endothelial Dysfunction in Human Umbilical Vein Endothelial Cells, *Scientific World Journal* 2014 (2014) 423259.
- [28] T. Jayakumar, C.C. Chang, S.L. Lin, **Y.K. Huang**, C.M. Hu, A.R. Elizebeth, S.C. Lin, C.S. Choy, Brazilin ameliorates high glucose-induced vascular inflammation via inhibiting ROS and CAMs production in human umbilical vein endothelial cells, *BioMed Research International* 2014 (2014) 403703.
- [29] **Y.K. Huang**, W.F. Lee, M.J. Wang, Y.H. Chang, W.S. Tchaou, W.J. Chang, S.Y. Lee, J.R. Sheu, N.C. Teng, Chair-side quantitative oral-microflora screening for assessing familial correlation of periodontal status and caries prevalence, *PLoS ONE* 9(1) (2014) e87100.
- [30] **Y.K. Huang**, T.C. Chang, J.R. Sheu, K.H. Wen, D.S. Chou, Comparison of free radical formation induced by baicalein and pentamethyl-hydroxychromane in human promyelocytic leukemia cells using electron spin resonance, *Journal of Food and Drug Analysis* 22(3) (2014) 379-390.
- [31] Y.C. Chen, R.L. Huang, **Y.K. Huang**, Y.P. Laio, P.H. Su, H.C. Wang, C.C. Chang, Y.W. Lin, M.H. Yu, T.Y. Chu, H.C. Lai, Methylomics analysis identifies epigenetically silenced genes and implies an activation of b-catenin signaling in cervical cancer, *International Journal of Cancer* 135(1) (2014) 117-127.
- [32] T. Jayakumar, C.C. Chiu, S.H. Wang, D.S. Chou, **Y.K. Huang***, J.R. Sheu*, Anti-cancer effects of CME-1, a novel polysaccharide, purified from the mycelia of *Cordyceps sinensis* against B16-F10 melanoma cells, *J Cancer Res Ther* 10(1) (2014) 43-49.
- [33] **Y.K. Huang**, B.Y. Peng, C.Y. Wu, C.T. Su, H.C. Wang, H.C. Lai, DNA methylation of PAX1 as a biomarker for oral squamous cell carcinoma, *Clinical Oral Investigations*, Springer Berlin Heidelberg, 2014, pp. 801-808.
- [34] C.C. Wu, **Y.K. Huang**, C.J. Chung, C.Y. Huang, Y.S. Pu, H.S. Shiue, L.A. Lai, Y.C. Lin, C.T. Su, Y.M. Hsueh, Polymorphism of inflammatory genes and arsenic methylation capacity are associated with urothelial carcinoma, *Toxicol. Appl. Pharmacol* 272(1) (2013) 30-36.
- [35] C.C. Wu, M.C. Chen, **Y.K. Huang**, C.Y. Huang, L.A. Lai, C.J. Chung, H.S. Shiue, Y.S. Pu, Y.C. Lin, B.C. Han, Y.H. Wang, Y.M. Hsueh, Environmental tobacco smoke and arsenic methylation capacity are associated with urothelial carcinoma, *Journal of the Formosan Medical Association* 112(9) (2013) 554-560.
- [36] **Y.K. Huang**, S.C.C. Chen, J.K.L. Yu, P.F. Chen, M.H. Chiang, B. Khosa, H.C. Chiang, Voluntary Counseling and Testing in the Pediatric Ward of Mzuzu Central Hospital, Northern Malawi, *Journal of Experimental & Clinical Medicine* 5(3) (2013) 104-108.
- [37] Y.H. Uen, K.Y. Lin, D.P. Sun, C.C. Liao, M.S. Hsieh, **Y.K. Huang**, Y.W. Chen, P.H. Huang, W.J. Chen, C.C. Tai, K.W. Lee, Y.C. Chen, C.Y. Lin, Comparative proteomics, network analysis and post-translational modification identification reveal differential profiles of plasma Con A-bound glycoprotein biomarkers in gastric cancer, *J Proteomics* 83 (2013) 197-213.
- [38] C.Y. Lin, P.L. Wei, W.J. Chang, **Y.K. Huang**, S.W. Feng, C.T. Lin, S.Y. Lee, H.M. Huang, Slow Freezing Coupled Static Magnetic Field Exposure Enhances Cryopreservative Efficiency-A Study on Human Erythrocytes, *PLoS ONE* 8(3) (2013) e58988-e58988.
- [39] S.C. Hsieh, S.L. Lin, **Y.K. Huang**, W.J. Chang, C.C. Yuan, Y.J. Lo, S.Y. Lee, H.M. Huang, Detection of looseness degree of dental posts using natural frequency analysis, *Proceedings of the Institution of Mechanical Engineers - Part H: Journal of Engineering in Medicine* 227(8) (2013) 928-932.

- [40] C.J. Chung, Y.L. Huang, **Y.K. Huang**, M.M. Wu, S.Y. Chen, Y.M. Hsueh, C.J. Chen, Urinary arsenic profiles and the risks of cancer mortality: A population-based 20-year follow-up study in arseniasis-endemic areas in Taiwan, *Environmental Research* 122(-) (2013) 25-30.
- [41] W.C. Huang, N.C. Teng, C.T. Lin, **Y.K. Huang**, A bibliometric analysis of global research production and economic in caries during 1991-2010, *Journal of Family Dentistry* 7(1) (2012) 4-10.
- [42] **Y.K. Huang**, C.W. Lin, C.C. Chang, P.F. Chen, C.J. Wang, Y.M. Hsueh, H.C. Chiang, Heat acclimation decreased oxidative DNA damage resulting from exposure to high heat in an occupational setting, *European Journal of Applied Physiology* 112(12) (2012) 4119-4126.
- [43] C.T. Su, H.C. Lin, C.S. Choy, **Y.K. Huang**, S.R. Huang, Y.M. Hsueh, The relationship between obesity, insulin and arsenic methylation capability in Taiwan adolescents, *Science of The Total Environment* 414 (2012) 152-158.
- [44] H.C. Chiang, **Y.K. Huang**, P.F. Chen, C.C. Chang, C.J. Wang, P. Lin, H.L. Lee, 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone is correlated with 8-hydroxy-2'-deoxyguanosine in humans after exposure to environmental tobacco smoke, *Science of The Total Environment* 414(-) (2012) 134-139.
- [45] C.S. Choy, **Y.K. Huang**, Y.H. Liu, C. Yang, C.C. Liao, J.S. Li, W.T. Chiu, H.Y. Chiou, Waist Circumference as a Predictor of Pediatric Hypertension Among Normal-Weight Taiwanese Children, *Journal of Experimental & Clinical Medicine* 3(1) (2011) 34-39.
- [46] C.J. Chung, Y.S. Pu, C.T. Su, H.W. Chen, **Y.K. Huang**, H.S. Shiue, Y.M. Hsueh, Polymorphisms in one-carbon metabolism pathway genes, urinary arsenic profile, and urothelial carcinoma, *Cancer Causes Control* 21(10) (2010) 1605-1613.
- [47] **Y.K. Huang**, Y.L. Huang, Y.M. Hsueh, J.T. Wang, M.H. Yang, C.J. Chen, Changes in urinary arsenic methylation profiles in a 15-year interval after cessation of arsenic ingestion in southwest Taiwan, *Environmental health perspectives* 117(12) (2009) 1860-1866.
- [48] S.K. Huang, A.W. Chiu, Y.S. Pu, **Y.K. Huang**, C.J. Chung, H.J. Tsai, M.H. Yang, C.J. Chen, Y.M. Hsueh, Arsenic methylation capability, myeloperoxidase and sulfotransferase genetic polymorphisms, and the stage and grade of urothelial carcinoma, *Urol. Int* 82(2) (2009) 227-234.
- [49] C.J. Chung, Y.M. Hsueh, C.H. Bai, **Y.K. Huang**, Y.L. Huang, M.H. Yang, C.J. Chen, Polymorphisms in arsenic metabolism genes, urinary arsenic methylation profile and cancer, *Cancer Causes Control* 20(9) (2009) 1653-1661.
- [50] Y.L. Huang, Y.M. Hsueh, **Y.K. Huang**, P.K. Yip, M.H. Yang, C.J. Chen, Urinary arsenic methylation capability and carotid atherosclerosis risk in subjects living in arsenicosis-hyperendemic areas in southwestern Taiwan, *Science of The Total Environment* 407(8) (2009) 2608-2614.
- [51] C.J. Chung, C.J. Huang, Y.S. Pu, C.T. Su, **Y.K. Huang**, Y.T. Chen, Y.M. Hsueh, Polymorphisms in cell cycle regulatory genes, urinary arsenic profile and urothelial carcinoma, *Toxicology and Applied Pharmacology* 232(2) (2008) 203-209.
- [52] S.K. Huang, A.W. Chiu, Y.S. Pu, **Y.K. Huang**, C.J. Chung, H.J. Tsai, M.H. Yang, C.J. Chen, Y.M. Hsueh, Arsenic methylation capability, heme oxygenase-1 and NADPH quinone oxidoreductase-1 genetic polymorphisms and the stage and grade of urothelial carcinomas, *Urologia Internationalis* 80(4) (2008) 405-412.
- [53] C.J. Chung, C.J. Huang, Y.S. Pu, C.T. Su, **Y.K. Huang**, Y.T. Chen, Y.M. Hsueh, Urinary 8-hydroxydeoxyguanosine and urothelial carcinoma risk in low arsenic exposure area, *Toxicology and Applied Pharmacology* 226(1) (2008) 14-21.

- [54] **Y.K. Huang**, Y.L. Huang, Y.M. Hsueh, M.H. Yang, M.M. Wu, S.Y. Chen, L.I. Hsu, C.J. Chen, Arsenic exposure, urinary arsenic speciation, and the incidence of urothelial carcinoma: a twelve-year follow-up study, *Cancer Causes and Control* 19(8) (2008) 829-839.
- [55] **Y.K. Huang**, S.L. You, C.C. Yuan, Y.M. Ke, J.M. Cao, C.Y. Liao, C.H. Wu, C.S. Hsu, K.F. Huang, C.H. Lu, N.F. Twu, T.Y. Chu, Long-term outcomes of high-risk human papillomavirus infection support a long interval of cervical cancer screening, *British Journal of Cancer* 98(5) (2008) 863-869.
- [56] C.H. Liu, J.d. Huang, S.W. Huang, T.C. Hour, **Y.K. Huang**, Y.M. Hsueh, H.Y. Chiou, T.C. Lee, K.Y. Jan, C.J. Chen, Y.S. Pu, Androgen receptor gene polymorphism may affect the risk of urothelial carcinoma, *Journal of Biomedical Science* 15(2) (2008) 261-269.
- [57] **Y.K. Huang**, Y.S. Pu, C.J. Chung, H.S. Shiue, M.H. Yang, C.J. Chen, Y.M. Hsueh, Plasma folate level, urinary arsenic methylation profiles, and urothelial carcinoma susceptibility, *Food and Chemical Toxicology* 46(3) (2008) 929-938.
- [58] C.W. Liu, **Y.K. Huang**, Y.M. Hsueh, K.H. Lin, C.S. Jang, L.P. Huang, Spatiotemporal distribution of arsenic species of oysters (*Crassostrea gigas*) in the coastal area of southwestern Taiwan, *Environmental Monitoring and Assessment* 138(1) (2008) 181-190.
- [59] C.W. Liu, C.P. Liang, K.H. Lin, C.S. Jang, S.W. Wang, **Y.K. Huang**, Y.M. Hsueh, Bioaccumulation of arsenic compounds in aquacultural clams (*Meretrix lusoria*) and assessment of potential carcinogenic risks to human health by ingestion, *Chemosphere* 69(1) (2007) 128-134.
- [60] **Y.K. Huang**, C.H. Tseng, Y.L. Huang, M.H. Yang, C.J. Chen, Y.M. Hsueh, Arsenic methylation capability and hypertension risk in subjects living in arseniasis-hyperendemic areas in southwestern Taiwan, *Toxicology and Applied Pharmacology* 218(2) (2007) 135-142.
- [61] Y.S. Pu, S.M. Yang, **Y.K. Huang**, C.J. Chung, S.K. Huang, A.W.H. Chiu, M.H. Yang, C.J. Chen, Y.M. Hsueh, Urinary arsenic profile affects the risk of urothelial carcinoma even at low arsenic exposure, *Toxicology and Applied Pharmacology* 218(2) (2007) 99-106.
- [62] **Y.K. Huang**, H.C. Hsieh, J.A. Sun, C.F. Chao, R.L. Huang, H.C. Lai, T.Y. Chu, Genetic Polymorphisms of Phase I and Phase II Xenobiotic Enzymes in Human Papillomavirus Related Lesion and Cancer of the Uterine Cervix, *Tzu Chi Medical Journal* 18(4) (2006) 267-274.
- [63] Y.M. Hsueh, P. Lin, H.W. Chen, H.S. Shiue, C.J. Chung, C.T. Tsai, **Y.K. Huang**, H.Y. Chiou, C.J. Chen, Genetic polymorphisms of oxidative and antioxidant enzymes and arsenic-related hypertension, *J Toxicol Environ Health A* 68(17-18) (2005) 1471-1484.
- [64] C.H. Tseng, **Y.K. Huang**, Y.L. Huang, C.J. Chung, M.H. Yang, C.J. Chen, Y.M. Hsueh, Arsenic exposure, urinary arsenic speciation, and peripheral vascular disease in blackfoot disease-hyperendemic villages in Taiwan, *Toxicology and Applied Pharmacology* 206(3) (2005) 299-308.
- [65] **Y.K. Huang**, K.H. Lin, H.W. Chen, C.C. Chang, C.W. Liu, M.H. Yang, Y.M. Hsueh, Arsenic species contents at aquaculture farm and in farmed mouthbreeder (*Oreochromis mossambicus*) in blackfoot disease hyperendemic areas, *Food and Chemical Toxicology* 41(11) (2003) 1491-1500.
- [66] Y.M. Hsueh, Y.F. Ko, **Y.K. Huang**, H.W. Chen, H.Y. Chiou, Y.L. Huang, M.H. Yang, C.J. Chen, Determinants of inorganic arsenic methylation capability among residents of the Lanyang Basin, Taiwan: arsenic and selenium exposure and alcohol consumption, *Toxicol Lett* 137(1-2) (2003) 49-63.

Projects (2022/04 update)

序號	計畫名稱及編號	補助單位	執行期限	核定經費	工作性質
1	敘事表現任務應用於提升中學生口腔健康素養之探討 (MOST110-2813-C-037-189-H)	科技部	110/07~110/02	48,000	大專生計畫指導教授
2	教醫學敘事。學進偏鄉健敘未來	教育部	109/08~110/07	924,000	主持人
3	應用即時免疫感測發炎生物標記裝置量化評值口腔衛生指引介入與監測 (MOST 109-2314-B-037-073)	科技部	109/08~110/07	940,000	主持人
4	高效蜂膠類黃酮提取技術開發 (KMU-108KN005)	中山高醫產學合作補助	108/10~109/09	150,000	主持人
5	口腔衛生行為、細胞激素與口腔環境於牙周病治療成效之探討 (MOST108-2314-B038-092)	科技部	108/08~109/07	1,090,000	主持人
6	敘事 x 互動教學應用於學童口腔健康識能之探討-以國小一年級齲齒預防為例	科技部	108/07~109/02	48,000	大專生計畫指導教授
7	大學生口腔衛生知識行為態度與唾液發炎因子之相關研究(MOST108-2813-C-037-019-H)	科技部	108/07~109/02	48,000	大專生計畫指導教授
8	學「教」專業敘事·教「學」場域利他 - 長者創健跨域整合賦能課群 (MOE-106-2-2-001)	教育部	106/08~108/01	1,666,000	主持人
9	含錳超氧歧化酵素與介白質素-8基因型與表觀基因與牙周疾病治療成效 (MOST106-2314-B038-018)	科技部	106/08~107/07	1,195,000	主持人
10	口腔機能運動教學方法與咀嚼促進相關研究 (MOST106-2813-C-038-048-U)	科技部	106/07~107/02	48,000	大專生計畫指導教授

序號	計畫名稱及編號	補助單位	執行期限	核定經費	工作性質
11	106 年度「我國六歲以下兒童口腔健康調查工作計畫」(M06B4002)	衛生福利部	106/01~106/12	2,830,000	協同主持人
12	106 年度學童口腔保健計畫	教育部國教署	106/10~107/07	2,350,000	協同主持人
13	以發炎與氧化壓力之基因甲基化與單一核苷酸多形性探討牙周疾病活性與治療成效之相關性研究 (MOST105-2314-B038-045)	科技部	105/08~106/07	999,000	主持人
14	北投區銀髮族口腔保健介入活動成效分析	臺北市北投區健康服務中心	105/10~ 105/11	30,000	主持人
15	教育部專業知能融入敘事力之新創群組課程計畫-跨代學習之賦能課群-長者與「學」者之對話	教育部	105/08~106/07	1,063,700	協同主持人
16	105 年度學童口腔保健計畫	教育部國教署	105/08 ~106/08	2,500,000	協同主持人
17	唾液抗氧化生物標記檢測	台南市政府衛生局	104/10~105/12	60,000	主持人
18	牙體技術師考試對牙體技術系學生其學習方向及輔導策略之相關研究 (MOST104-2511-S038-004)	科技部	104/08~105/07	554,000	共同住持人
19	教育部專業知能融入敘事力之新創群組課程計畫-族群健康促進之多元敘事力賦能課群	教育部	104/08~105/07	672,100	協同主持人
20	104 年度學童口腔保健計畫	教育部國教署	104/04~105/04	2,500,000	協同主持人
21	教育部 103 學年第 1 學期現代公民核心能力課程計畫-族群口腔健康 (MOE-103-1-2-053)	教育部	103/08~104/01	190,800	主持人

序號	計畫名稱及編號	補助單位	執行期限	核定經費	工作性質
22	唾液檳榔菸鹼濃度、發炎與抗氧化狀態與口腔衛生與牙周病之相關研究 (NSC 102-2314-B-038-019)	國科會	102/08~103/07	745,000	主持人
23	口腔衛生與唾液生物標記對於牙齒贖復成效之探討 (NSC 100-2314-B-038-042)	國科會	100/10~101/07	500,000	主持人