

# Curriculum Vitae

## PERSONAL INFORMATION:

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National Yang Ming Chiao Tung University

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## CURRENT POSITIONS

Professor, Institute of Public Health, National Yang Ming Chiao Tung University, Taipei, TAIWAN

Joint Appointment Professor, Institute of Biomedical Informatics, National Yang Ming Chiao Tung University, Taipei, TAIWAN

## EDUCATION

PhD in Psychiatric Genetics, Department of Psychological Medicine, Institute of Psychiatry, University of London, London, UK

Master of Public Health, Institute of Public Health, College of Medicine, National Taiwan University, Taipei, TAIWAN

Bachelor of Public Health, Department of Public Health, College of Medicine, National Taiwan University, Taipei, TAIWAN

## SPECIALITY

Genetic Epidemiology, Psychiatric Genetics, Epidemiology, Biostatistics, Genetic Statistics, Human Research Ethics

## MEMBERSHIPS

European Society of Human Genetics

Taiwan Public Health Association

Taiwan Epidemiology Association

## PUBLICATIONS

1. Huang WH, Chen HL, Huang PH, Yew TL, Lin MW, Lin SJ, Hung SC. (2014) Hypoxic mesenchymal stem cells engraft and ameliorate limb ischaemia in allogeneic recipients. *Cardiovasc Res.* 101(2):266-76. (SCI)
2. Chang YT, Lin CH, Lee CT, Lin MW, Liu LY, Chen CC, Lee DD, Liu HN, Tsai SF, Matsuura I. (2014) Detection of common mutations in sporadic primary localized cutaneous amyloidosis by DNA mass spectrometry. *Br J Dermatol* 170(4):974-6. (SCI)
3. Lee PC, Yang YY, Lin MW, Hou MC, Huang CS, Lee KC, Wang YW, Hsieh YC, Huang YH, Chu CJ, Lin HC. (2014) Benzodiazepine-Associated Hepatic Encephalopathy Significantly Increased Healthcare Utilization and Medical Costs of Chinese Cirrhotic Patients: 7-Year Experience. *Digestive Diseases and Sciences* 59(7):1603-16 (SCI)
4. Marcelo Chen, Ian Jen, Yi-Hsien Chen, Ming-Wei Lin, Kishor Bhatia, Gerald B. Sharp, Matthew G. Law, Yi-Ming Arthur Chen (2014) Cancer Incidence in a Nationwide HIV/AIDS Patient Cohort in Taiwan in 1998–2009. *J Acquir Immune Defic Syndr* 2014;65:463–472 (SCI)
5. Wu Bai-Yao, Wu Bo-Jian, Lee Shin-Min, Sun Hsiao-Ju, Chang Yun-Ting, Lin Ming-Wei (2014) Prevalence and associated factors of comorbid skin diseases in patients with schizophrenia: A clinical survey and national health database study. *General Hospital Psychiatry* 36(4):415-21. (Corresponding author) (SCI)
6. Hung KC, Huang HJ, Lin MW, Lei YP, Lin AM (2014) Roles of autophagy in MPP<sup>+</sup>-induced neurotoxicity in vivo: the involvement of mitochondria and  $\alpha$ -synuclein aggregation. *PLoS One.* 2014 Mar 19; 9(3):e91074. (SCI)
7. Li-Han Lin\*, Ming-Wei Lin\*, Chun-Shu Lin, Dar-Der Ji, Wei-Ping Lee, Heng-Sheng Lee, Ming-Fang Cheng, Kan-Tai Hsia (2014) The *hMLH1* -93G>A promoter polymorphism associates with outcomes in oral squamous cell carcinoma patients. *Annals of Surgical Oncology* 21(13):4270-7. (\* equal contribution) (SCI)
8. Ming-Wei Lin, Mei-Feng Huang, Meng-Hsing Wu (2014) Association of Gly972Arg variant of insulin receptor substrate-1 and Gly1057Asp variant of insulin receptor substrate-2 with polycystic ovary syndrome in the Chinese population. *Journal of Ovarian Research* 2014 Oct 14;7(1):92. [Epub ahead of print] (SCI)
9. Lin-Chien Lee, Cheng-Hao Tu, Li-Fen Chen, Horng-Der Shen, Hsiang-Tai Chao, Ming-Wei Lin, Jen-Chuen Hsieh. (2014) Association of Brain-Derived Neurotrophic Factor Gene Val66Met Polymorphism with Primary Dysmenorrhea. *PLoS One.* 2014 Nov 10;9(11):e112766. doi: 10.1371/journal.pone.0112766. (Co-Corresponding author) (SCI)
10. Chen YT, Chen YJ, Hwang CY, Lin MW, Chen TJ, Chen CC, Chu SY, Lee DD, Chang YT, Liu HN. (2015) Comorbidity profiles in association with vitiligo: a nationwide population-based study in Taiwan. *J Eur Acad Dermatol Venereol.* 2015 Jul;29(7):1362-9. (SCI)

11. Chung PI, Hwang CY, Chen YJ, **Lin MW**, Chen TJ, Hua TC, Wu LC, Chu SY, Chen CC, Lee DD, Chang YT, Liu HN. (2015) Autoimmune comorbid diseases associated with lichen planus: a nationwide case-control study. *J Eur Acad Dermatol Venereol*. 2015 Aug;29(8):1570-5.(SCI)
12. Chi-Jen Chang, Deng-Yuan Jian, **Ming-Wei Lin**, Jun-Zhi Zhao, Low-Tone Ho, Chi-Chang Juan. (2015) Evidence in Obese Children: Contribution of Hyperlipidemia, Obesity-Inflammation, and Insulin Sensitivity. *PLoS One* 10(5):e0125935. doi: 10.1371/journal.pone.0125935. eCollection 2015 (SCI)
13. Chang-Hsun Hsieh, Ren-Hua Chuang, Wen-Jen Lee, **Ming-Wei Lin**, Lee-Ming Chuang, Tomas Quertermous, Themistocles Assimes, Yi-Jen Hung, Ya-Wen Yu (2015) Effect of Common Genetic Variants of Growth Arrest-Specific 6 Gene on Insulin Resistance, Obesity and Type 2 Diabetes in an Asian Population. *PLoS One* 10(8):e0135681. doi: 10.1371/journal.pone.0135681. eCollection 2015 (SCI)
14. **Ming-Wei Lin** and Meng-Hsing Wu (2015) The role of vitamin D in polycystic ovary syndrome. *Indian Journal of Medical Research* 142, September 2015, 67-69 (SCI)
15. Tien-Jyun Chang, Wen-Chang Wang, Chao A. Hsiung, Chih-Tsueng He, **Ming-Wei Lin**, Wayne Huey-Herng Sheu, Yi-Cheng Chang, Tom Quertermous, Ida Chen, Jerome Rotter, and Lee-Ming Chuang, and the SAPPHiRe Study Group (2016) Genetic Variation in the Human SORBS1 Gene is Associated With Blood Pressure Regulation and Age at Onset of Hypertension: A SAPPHiRe Cohort Study. *Medicine (Baltimore)*. 95(10):e2970 (SCI)
16. Hui-Yin Hsiung, Fann, Jean Ching-Yuan, Amy Ming-Fang Yen, Sam Li-Sheng Chen, Sherry Yueh-Hsia Chiu, Tsung-Ho Ku, Tzeng-Ying Liu, Hsiu-Hsi Chen, **Ming-Wei Lin** (2016) Stage-specific Dietary Factors Associated with the Correa Multistep and Multifactorial Process of Human Gastric Carcinogenesis. *Nutrition and Cancer: An International Journal* 68(4):598-610. (Co-Corresponding author) (SCI)
17. Shyh-Yuh Wei, Hsiang-Tai Chao, Cheng-Hao Tu, **Ming-Wei Lin**, Wei-Chi Li, Intan Low, Horng-Der Shen, Li-Fen Chen, Jen-Chuen Hsieh (2016) The BDNF Val66Met polymorphism is associated with the functional connectivity dynamics of pain modulatory systems in primary dysmenorrheal. *Scientific Reports*. 2016 Mar 24;6:23639. doi: 10.1038/srep23639. (SCI)
18. Chii-Min Hwu, Yi-Chun Lin, **Ming-Wei Lin** (2016) High Levels of C-Reactive Protein Are Positively Associated with Isolated Post challenge Hyperglycemia in Postmenopausal Women. *Metabolic Syndrome and related Disorders* 2016 Sep;14(7):334-9. (SCI)
19. Yi-Cheng Chang, Yen-Feng Chiu, Chih-Tsueng He, Wayne Huey-Herng Sheu, **Ming-Wei Lin**, Todd B. Seto, Themistocles Assimes, Wei-Jei Lee, Po-Chu Lee, Shu-Huei Tsai, & Lee-Ming Chuang. (2016) Genome-wide linkage analysis and regional fine mapping identified variants in the RYR3 gene as a novel quantitative trait locus for circulating adiponectin in Chinese population. *Medicine (Baltimore)* Nov;95(44):e5174.(SCI)
20. Shyh-Yuh Wei, Li-Fen Chen, **Ming-Wei Lin**, Wei-Chi Li, Intan Low, Ching-Ju Yang, Hsiang-Tai Chao, Jen-Chuen Hsieh. (2017) The OPRM1 A118G polymorphism modulates the descending pain modulatory system for individual pain experience in young women

with primary dysmenorrhea. *Scientific Reports*. 2017 Jan 6;7:39906. doi: 10.1038/srep39906. (SCI)

21. Ren-Hua Chung, Yen-Feng Chiu, Yi-Jen Hung, Wen-Jane Lee, Kwan-Dun Wu, Hui-Ling Chen, Ming-Wei Lin, Yii-Der I.Chen, Thomas Quertermous and Chao A. Hsiung. (2017) Genome-wide copy number variation analysis identified deletions in SFMBT1 associated with fasting plasma glucose in a Han Chinese population. *BMC Genomics* 2017; Aug 8;18(1):591. doi: 10.1186/s12864-017-3975-0. (SCI)
22. SP Chen, CL Fuh, MY Chung, YC Lin, YC, Liao, YF Wang, CL Hsu, UC Yang, MW Lin, JJ Chiou, PJ Wang, PL Chen, PC Fan, JY Wu, YT Chen, LS Kao, CSJ Fann, SJ Wang. (2018) Genome-wide Association Study Identifies two Novel Susceptibility Loci for Migraine in Han Chinese Resided in Taiwan. *Cephalalgia* 2018 38(3) 466–475 (SCI)
23. Liu CW, Tsai HC, Huang CC, Tsai CY, Su YB, Lin MW, Lee KC, Hsieh YC, Li TH, Huang SF, Yang YY, Hou MC, Lin HC, Lee FY, Lee SD. (2018) Effects and Mechanisms of Caffeine to Improve Immunologic and Metabolic Abnormalities in Diet-Induced Obese Rats. *Am J Physiol Endocrinol Metab*. 2018 May 1;314(5):E433-E447. (SCI)
24. Chang Yi-Cheng, Hee Siow-Wey, Lee Wei-Jei, Li Hung-Yuan, Chang Tien-Jyun, Lin Ming-Wei, Hung Yi-Jen, Lee I-Te, Hung Kuan-Yi, Assimes Themistocles, Knowles Joshua W, Nong Jiun-Yi, Lee, Po-Chu, Chiu Yen-Feng, Chuang Lee-Ming. (2018) Genome-wide scan for circulating vascular adhesion protein-1 (VAP-1) levels:MACROD2 as a potential transcriptional regulator of adipogenesis. *Journal of Diabetes Investigation* 2018 Sep;9(5):1067-1074. (SCI)
25. Tien-Jyun Chang, Wen-Chang Wang, Chao Hsiung, Chih-Tsueng He, Ming-Wei Lin, Wayne H-H. Sheu, Yi-Cheng Chang, Thomas Quertermous, Yii-Der Ida Chen, Jerome I. Rotter, and Lee-Ming Chuang. (2018) Genetic variation of SORBS1 gene is associated with glucose homeostasis and age at onset of diabetes: A SAPPHIRe Cohort Study. *Scientific Reports* 2018 Jul 12;8(1):10574. doi: 10.1038/s41598-018-28891-z. (SCI)
26. Intan Low, Po-Chih Kuo, Cheng-Lin Tsai, Yu-Hsiang Liu, Ming-Wei Lin, Hsiang-Tai Chao, Yong-Sheng Chen, Jen-Chuen Hsieh, and Li-Fen Chen (2018) Interactions of *BDNF* Val66Met Polymorphism and Menstrual Pain on Brain Complexity. *Front Neurosci*. 2018 Nov 20;12:826.
27. Li TH, Yang YY, Huang CC, Liu CW, Tsai HC, Lin MW, Tsai CY, Huang SF, Wang YW, Lee TY, Huang YH, Hou MC, Lin HC. (2019) Elafibranor interrupts adipose dysfunction-mediated gut and liver injury in mice with alcoholic steatohepatitis. *Clin Sci (Lond)*. 2019 Feb 13;133(3):531-544. (SCI)
28. Tsung-Hsien Chiang, Sherry Yueh-Hsia Chiu, Sam Li-Sheng Chen, Amy Ming-Fang Yen, Jean Ching-Yuan Fann, Cheng-Ying Liu, Chu-Kuang Chou, Han-Mo Chiu, Chia-Tung Shun, Ming-Shiang Wu, Jaw-Town Lin, Yi-Chia Lee, Tony Hsiu-Hsi Chen, Ming-Wei Lin. (2019) Serum pepsinogen as a predictor for gastric cancer death: a sixteen-year community-based cohort study. *Journal of Clinical Gastroenterology* 53(5):e186-e193. (SCI)
29. Kuo RN, Yang CC, Yen AM, Liu TY, Lin MW, Chen SL. (2019) Gender Difference in Intraocular Pressure and Incidence of Metabolic Syndrome: A Community-Based Cohort

Study in Matsu, Taiwan. *Metabolic Syndrome and Related Disorders*. 17(6):334-340. (SCI).

30. Ya-Ning Chan, You-Wun Jheng, Pei-Ju Wang, Chin-Yau Chen, *Ming-Wei Lin*, and Ya-Jung Wang (2019) Taxane-Induced Peripheral Neuropathy: Objective and subjective comparison between paclitaxel and docetaxel in patients with breast cancer. *Clinical Journal of Oncology Nursing* 23(5): 494-501. (SCI)
31. Yu-Lien Tsai, Ying-Ying Yang, Chih-Wei Liu, Shiang-Fen Huang, *Ming-Wei Lin*, Chia-Chang Huang, Tzu-Hao Li, Yi-Hsiang Huang, Ming-Chih Hou, and Han-Chieh Lin (2020) Urinary fatty acid and retinol binding protein-4 predict CKD progression in severe NAFLD patients with hypertension: 4-year study with clinical and experimental approaches. *Medicine (Baltimore)* 2020 Jan; 99(2): e18626. doi: 10.1097/MD.00000000000018626. (SCI)
32. Hung-Cheng Tsai, Chien-Fu Hsu, Chia-Chang Huang, Shiang-Fen Huang, Tzu-Hao Li, Ying-Ying Yang, *Ming-Wei Lin*, Tzung-Yan Lee, Chih-Wei Liu, Yi-Hsiang Huang, Ming-Chih Hou and Han-Chieh Lin (2020) Propranolol Suppresses the T-Helper Cell Depletion-Related Immune Dysfunction in Cirrhotic Mice. *Cells* 2020 Mar 3;9(3):604. doi: 10.3390/cells9030604. (SCI)
33. Tsai WC, Chiang WH, Wu CH, Li YC, Campbell M, Huang PH, *Lin MW*, Lin CH, Cheng SM, Chang PC, Cheng CC. (2020) miR-548aq-3p is a novel target of Far infrared radiation which predicts coronary artery disease endothelial colony forming cell responsiveness. *Scientific Reports*. 2020 Apr 22;10(1):6805. doi: 10.1038/s41598-020-63311-1. (SCI)
34. Yang CP, Yang WS, Wong YH, Wang KH, Teng YC, Chang MH, Liao KH, Nian FS, Chao CC, Tsai JW, Hwang WL, *Lin MW*, Tzeng TY, Wang PN, Campbell M, Chen LK, Tsai TF, Chang PC, Kung HJ.(2020) Muscle atrophy-related myotube-derived exosomal microRNA in neuronal dysfunction: Targeting both coding and long noncoding RNAs *Aging Cell*. 2020 May;19(5):e13107. doi: 10.1111/accel.13107. Epub 2020 Mar 31.
35. Liu CW, Huang CC, Hsu CF, Li TH, Tsai YL, *Lin MW*, Tsai HC, Huang SF, Yang YY, Hsieh YC, Lee TY, Tsai CY, Huang YH, Hou MC, Lin HC. (2020) SIRT1-dependent mechanisms and effects of resveratrol for amelioration of muscle wasting in NASH mice. *BMJ Open Gastroenterol*. 2020 May;7(1):e000381. doi: 10.1136/bmjgast-2020-000381. (SCI)
36. Yu-Lien Tsai, Chih-Wei Liu, Chien-Fu Hsu, Chia-Chang Huang, *Ming-Wei Lin*, Shiang-Fen Huang, Tzu-Hao Li, Kuei-Chuan Lee, Yun-Cheng Hsieh, Ying-Ying Yang, Tzung-Yan Lee, Hsuan-Miao Liu, Yi-Hsiang Huang, Ming-Chih Hou, and Han-Chieh Lin (2020) Obeticholic acid ameliorates hepatorenal syndrome in ascitic cirrhotic rats by downregulating the renal 8-iso-PGF2 $\alpha$ -activated COX-TXA<sub>2</sub> pathway. *Clin Sci (Lond)*. 2020 Aug 14;134(15):2055-2073. doi: 10.1042/CS20200452. (SCI).
37. Yu-Te Chou, Tze-Tze Liu, Ueng-Cheng Yang, Chia-Chang Huang, Chih-Wei Liu, Shiang-Fen Huang, Tzu-Hao Li, Hsuan-Miao Liu, *Ming-Wei Lin*, Ying-Ying Yang, Tzung-Yan Lee, Yi-Hsiang Huang, Ming-Chih Hou, Han-Chieh Lin (2021) Intestinal SIRT1 Deficiency-Related Intestinal Inflammation and Dysbiosis Aggravate TNF $\alpha$ -Mediated Renal Dysfunction in Cirrhotic Ascitic Mice. *Int J Mol* 2021 Jan 27;22(3):1233. doi: 10.3390/ijms22031233. (SCI)

38. Chiang TH, Chang WJ, Chen SL, Yen AM, Fann JC, Chiu SY, Chen YR, Chuang SL, Shieh CF, Liu CY, Chiu HM, Chiang H, Shun CT, Lin MW, Wu MS, Lin JT, Chan CC, Graham DY, Chen HH, Lee YC (2021) Mass Eradication of Helicobacter pylori to Reduce Gastric Cancer Incidence and Mortality: A Long-term Cohort Study on Matsu Islands. Gut. 2021 Feb 70(2): 243-250. (SCI).
39. Ya-Hui Tsan, Shin-Huey Wung, Ming-Wei Lin, Wen-Liang Lo, and Ya-Jung Wang (2021) Predictors of Quality of Life Change in Head and Neck Cancer Survivors during Concurrent Chemoradiotherapy: A Prospective Study. Asia Pacific Journal of Nursing 2021 Mar 12;8(3):237-245. (SCI)
40. Tsung-Hsien Chiang, Masahiro Maeda, Harumi Yamada, Chang-Chuan Chan, Sam Li-Sheng Chen, Sherry Yueh-Hsia Chiu, Yen-Nien Chen, Yi-Hsuan Chou, Chun-Fu Shieh, Cheng-Ying Liu, Han-Mo Chiu, Hung Chiang, Chia-Tung Shun, Ming-Wei Lin, Ming-Shiang Wu, Jaw-Town Lin, Hsiu-Hsi Chen, Toshikazu Ushijima, David Y Graham, Yi-Chia Lee. (2021) Risk stratification for gastric cancer after Helicobacter pylori eradication: A population-based study on Matsu Islands. J Gastroenterol Hepatol. 2021 Mar. 36(3): 671-679. (SCI)
41. Ya-Jung Wang, Ya-Ning Chan, You-Wun Jheng, Chih-Jung Wu, Ming-Wei Lin, Ling-Ming Tseng, Yi-Fang Tsai, Liang-Chih Liu (2021) Chemotherapy-induced peripheral neuropathy in newly diagnosed breast cancer survivors treated with taxane: a prospective longitudinal study. Support Care in Cancer Jun;29(6):2959-2971. (SCI).
42. Wei-Chi Li, Hsiang-Tai Chao, Ming-Wei Lin, Horng-Der Shen, Li-Fen Chen, Jen-Chuen Hsieh (2021) Neuroprotective effect of Val variant of BDNF Val66Met polymorphism on hippocampus is modulated by the severity of menstrual pain. Neuroimage Clin. 2021; 30:102576. doi: 10.1016/j.nicl.2021.102576. Epub 2021 Jan 26.

## BOOK CHAPTERS

Year	Chapter author	Book/Chapter	Publisher
2016	Ming-Wei Lin (林明薇)	(ISBN 978-986-194-404-3) Public Health(公共衛生學) /Health Ethics (衛生倫理學)	華杏出版股份有限公司

## PROJECTS

Year	Project Title	Type	Role	Project Period	Funding Source	Budget (NT\$)
2020	醫療人工智慧的臨床統計應用	產學	PI	2020/10/01~2021/12/31	長佳智能股份有限公司	120,000
2020	Smoking behaviors and the progression of disease	個人	PI	2020/08/31~2021/12/31	Pfizer	2,000,000

	profiles in general population					
2020	吸菸行為與心血管代謝疾病之全基因體研究: 長期追蹤研究	個人	PI	2020/08/01~2022/01/31	科技部	1,065,000
2020	以基因介入的方法探討 PNPLA3 (rs738409) I148M polymorphism, 對非酒精性脂肪肝炎相關腎病時、腎微環境中腎小管及足細胞之相關作用	整合	PI	2020/01/01~2020/12/31	榮台聯大研究計畫	195,000
2019	利用孟德爾隨機分配探討端粒?長度變異與心血管代謝疾病風險之相關性研究 II (3/3)	個人	PI	2019/08/01~2021/07/31	科技部	1,290,000
2018	吸菸與戒菸之遺傳學研究	個人	PI	2018/01/01~2018/12/31	財團法人國家衛生研究院	2,930,000
2018	TLR4 SNPs, 在內毒素刺激後-肝臟血管內皮細胞, 上皮巨噬細胞。腸黏膜上皮細胞上, 各種發炎相關標記表現調控的角色	個人	PI	2018/01/01~2018/12/31	榮台聯大	334,000
2018	利用孟德爾隨機分配探討端粒酶長度變異與心血管代謝疾病風險之相關性研究 II (2/3)	個人	PI	2018/08/01~2019/07/31	科技部	1,290,000
2017	吸菸與戒菸之遺傳學研究	個人	PI	2017/01/01~2017/12/31	財團法人國家衛生研究院	2,652,000
2017	利用孟德爾隨機分配探討端粒酶長度變異與心血管代謝疾病風險之相關性研究 II(1/3)	個人	PI	2017/08/01~2018/07/31	科技部	1,265,000
2017	吸菸與戒菸之遺傳學研究 -- 全基因體關聯研究	個人	PI	2017/01/01~2017/12/31	振陽計畫	649,740
2016	吸菸與戒菸之遺傳學研究	個人	Co-PI	2016/01/01~2016/12/31	財團法人國家衛生研究院	2,890,000

2016	利用孟德爾隨機分配探討端粒酶長度變異與心血管代謝疾病風險之相關性研究	個人	PI	2016/08/01~2017/10/31	科技部	1,030,000
2015	吸菸與戒菸之遺傳學研究	個人	Co-PI	2015/01/01~2015/12/31	財團法人國家衛生研究院	2,348,000