

Curriculum Vitae
WAYNE HUEY-HERNG SHEU M.D., MS, PhD

■ **Present Status**

- 2022 / 01-present Attending Physician and Professor of Medicine, Taipei Veterans General Hospital, Taipei, Taiwan
- 2018 / 01-present Executive committee, International Diabetes Federation Western Pacific Region (IDF WPR)
- 2006 / 01-present Adjunct Professor of Medicine, National Yang-Ming University, Taipei, Taiwan
- 2000 / 07-present Adjunct Professor of Medicine, National Defense Medical Center, Taipei, Taiwan
- 2009/ 10-present Supervisor, the Asian Association for the Study of Diabetes (AASD)

■ **Career History**

- 2021 / 01-2022/01 Superintendent, Taipei Veterans General Hospital, Taipei, Taiwan
- 2019 / 04-2021/04 President, Taiwan Public Hospital Association
- 2015 / 01-2021 / 01 Superintendent, Taichung Veterans General Hospital, Taichung, Taiwan
- 2016 / 01-2017 / 12 Chair, International Diabetes Federation Western Pacific Region (IDF WPR)
- 2013 / 04-2019 / 04 President, Diabetes Association of the Republic of China (Taiwan)
- 2012 / 01-2015 / 01 Deputy Superintendent, Taichung Veterans General Hospital, Taichung, Taiwan
- 2006 / 08-2012 / 07 Chairman, Department of Internal Medicine, Taichung Veterans General Hospital, Taichung, Taiwan
- 2005 / 07-2011 / 07 President, Taiwanese Association of Diabetes Educators (TADE)
- 2001 / 12-2005 / 12 Chairman, Department of Medical Education and Research, Taichung Veterans General Hospital, Taichung, Taiwan
- 1996 / 03-2001 / 11 Director, Division of Endocrinology and Metabolism, Taichung Veterans General Hospital, Taichung, Taiwan
- 1987 / 05-1989 / 04 Postdoctoral Clinical Research Fellow, Gerontology and Endocrinology, Stanford University Medical Center, Stanford, California, USA

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■ **Education**

1976 / 09-1983 / 09 School of Medicine, National Defense Medical Center(NDMC),
Taipei, Taiwan (M.D.)
1985 / 09-1989 / 05 Institute of Medical Sciences, NDMC, Taipei, Taiwan (PhD)
2001 / 09-2003 / 06 Graduate Institute of Health Care Organization, National Taiwan
University (MS)

■ **Internship**

1981-1982 Veteran General Hospital, Taipei, Taiwan
1982-1983 Tri-Service General Hospital (TSGH), Taipei, Taiwan

■ **Postgraduate Training**

1992-1996 Attending physician, Division of Endocrinology and Metabolism, TSGH,
Taipei, Taiwan
1991-1992 Chief Residency, Division of Endocrinology & Metabolism and
Department of Medicine, TSGH, Taipei, Taiwan
1990-1991 Deputy Chief Residency, Division of Endocrinology and Metabolism,
TSGH, Taipei, Taiwan
1989-1990 Deputy Director, Department of Medicine, The Granite Hospital,
Kin-Men, R.O.C.
1987-1989 Postdoctoral Clinical Research Fellow in Gerontology and
Endocrinology, Stanford University Medical Center, Stanford,
California, USA.
1983-1985 Residency in Department of Medicine, TSGH, Taipei, Taiwan

Editorial board member, Diabetes Research and Clinical Practice 2008 to 2009

Associate editor, Diabetes Research and Clinical Practice since 2008

Associate editor, Journal of Diabetes Investigation since 2010

Editorial board member, Journal of Diabetes and its Complications since 2012

■ **Publication list (More than 466 with Selected from 2015, * indicated corresponding author)**

1. Tsai WN, Wang YY, Liang JT., Lin S., **Sheu WHH** & Chang WD. (2015). Serum total bilirubin concentrations are inversely associated with total white blood cell counts in an adult population. *Annals of Clinical Biochemistry: An international journal of biochemistry and laboratory medicine*, 52, 251-258.
2. Weng J, Soegondo S, Schnell O, **Sheu WHH**, Grzeszczak W, Watada H, ... & Kalra S. (2015). Efficacy of acarbose in different geographical regions of the world: analysis of a real- life database. *Diabetes/metabolism research and reviews*. 31(2), 155-167. (SCI)
3. Fu CP, **Sheu WHH**, Lee I, Lee WJ, Wang JS, Liang KW, ... & Lin SY. (2015). Weight loss reduces serum monocyte chemoattractant protein-1 concentrations in association with improvements in renal injury in obese men with metabolic syndrome. *Clinical Chemistry and Laboratory Medicine (CCLM)*. 53(4), 623-629. (SCI)
4. Wang JS, Lee IT, Lee WJ, Lin SY, Fu CP, Lee WL, ... & **Sheu WHH***. (2015). Comparing HbA1c, fasting and 2-h plasma glucose for screening for abnormal glucose regulation in patients undergoing coronary angiography. *Clinical Chemistry and Laboratory Medicine (CCLM)*, 53(9), 1441-1449. (SCI)
5. Hsu CR, Chen YT, **Sheu WHH***. (2015). Glycemic variability and diabetes retinopathy: a missing link. *Journal of Diabetes and its Complications*, 29(2), 302-306. (SCI)
6. **Sheu WHH**, Park SW, Gong Y, Pinnetti S, Bhattacharya S, Patel S, ... & Woerle HJ. (2015). Linagliptin improves glycemic control after 1 year as add-on therapy to basal insulin in Asian patients with type 2 diabetes mellitus. *Current Medical Research & Opinion*, 31(3), 503-512. (SCI)
7. Wessel J, Chu AY, Willems SM, Wang S, Yaghootkar H, Brody JA, ..., **Sheu WHH**,... & Allin KH. (2015). Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. *Nature Communications*, 6, 5897. (SCI)
8. Huang CY, **Sheu WHH**, Chiang AN. (2015). Docosahexaenoic acid and eicosapentaenoic acid suppress adhesion molecule expression in human aortic endothelial cells via differential mechanisms. *Molecular Nutrition & Food Research*, 59(4), 751-762. (SCI)
9. Leibowitz G, Cahn A, Bhatt DL, Hirshberg B, Mosenzon O, Wei C, ..., **Sheu WHH**,...& Raz I. (2015). Impact of treatment with saxagliptin on glycaemic stability and β -cell function in the SAVOR-TIMI 53 study. *Diabetes, Obesity and Metabolism*, 17(5), 487-494. (SCI)
10. Chuang SY, Yu Y, **Sheu WHH**, Tsai YT, Liu X, Hsiung CA, & Tsai HJ. (2015). Association of short-term use of nonsteroidal anti-inflammatory drugs with stroke in patients with hypertension. *Stroke*, 46(4), 996-1003.

11. Hu CY, Lee CL, **Sheu WHH**, Wang JS, Lee IT, Song YM, *et al.* (2015). A new formula for estimation of low-density lipoprotein cholesterol in an ethnic Chinese population. *Clin Chem Lab Med*, 53(11), 1871-1879. (SCI)
12. Pan HC, **Sheu WHH**, Lee WJ, Lee WL, Liao YC, Wang KY, Lee IT, Wang JS, Liang, KW*. (2015). Coronary severity score and C-reactive protein predict major adverse cardiovascular events in patients with stable coronary artery disease (from the Taichung CAD study) *Clinica Chimica Acta*, 445, 93-100. (SCI)
13. Huang CY, Chen WM, Tsay YG, Hsieh SC, Lin Y, Lee WJ, ..., **Sheu WHH**,... & Chiang AN. (2015). Differential regulation of protein expression in response to polyunsaturated fatty acids in the liver of apoE-knockout mice and in HepG2 cells. *Journal of Biomedical Science*, 22(1), 12. (SCI)
14. Lee IT, **Sheu WHH**, Hung YJ, Chen JF, Wang CY, & Lee WJ. (2015). Assessment of glomerular filtration rate based on alterations of serum brain-derived neurotrophic factor in type 2 diabetic subjects treated with Amlodipine/Benazepril or Valsartan/Hydrochlorothiazide. *Disease Markers*, 2015, 780743. (SCI)
15. Lin TT, Lin CH, Chang CL, Chi CH, Chang ST, **Sheu WHH***. (2015). The effect of diabetes, hyperlipidemia, and statins on the development of rotator cuff disease: a nationwide, 11-year, longitudinal, population-based follow-up study. *American Journal of Sports Medicine*, 43(9), 2126-2132. (SCI)
16. Tseng Y, Tsan YT, Chan WC, **Sheu WHH**, & Chen PC. (2015). Use of an α -glucosidase inhibitor and the risk of colorectal cancer in patients with diabetes: a nationwide, population-based cohort study. *Diabetes care*, 38(11), 2068-2074. (SCI)
17. **Sheu WHH**, Gantz I, Chen M, Suryawanshi S, Mirza A, Goldstein BJ, ... & Engel SS. (2015). Safety and efficacy of omarigliptin (MK-3102), a novel once-weekly DPP-4 inhibitor for the treatment of patients with type 2 diabetes. *Diabetes Care*, 38(11), 2106-2114. (SCI)
18. Wang JS, Lee CL, Lee WJ, Lee IT, Lin SY, Lee WL, Liang KW, **Sheu WHH***. (2015). Factors associated with fibroblast growth factor 19 increment after oral glucose loading in patients who were previously admitted for coronary angiography. *Clinica Chimica Acta*, 450, 237-242. (SCI)
19. Liang KW, Lee WJ, Lee WL, Liao YC, Wang KY, Lee IT, Wang JS, **Sheu WHH***. (2015). Circulating adipokines and insulin resistance in subjects with combined cardiac and metabolic syndrome X. *Diabetology & Metabolic Syndrome*, 7, 83. (SCI)
20. Lee IT, Liang KW, Wang JS, Lee WJ, Chen YD Ida; Lin SY, Lee WL, **Sheu WHH***. (2015). Value of chromosome 9p21 polymorphism for prediction of cardiovascular mortality in Han Chinese without coronary lesions: an observational study. *Medicine (Baltimore)*, 94(39), e1538. (SCI)
21. Chang TJ, Chiu YF, **Sheu WHH**, Shih KC, Hwu CM, Quertermous T, *et al.* (2015). Genetic polymorphisms of PCSK2 are associated with glucose homeostasis and progression to type 2 diabetes in a Chinese population. *Scientific Reports*, 5, 14380. (SCI)

22. Lee AT, Wang YY, Lin SY, Liang JT, **Sheu WHH**, Song YM, *et al.* (2015). Higher serum total bilirubin concentration is associated with lower risk of renal insufficiency in an adult population. *Int J Clin Exp Med*, 8(10), 19212-19222. (SCI)
23. Su CS, Chen KJ, **Sheu WHH**, Yang YL, Liu TJ, Chang WC, *et al.* (2015). Lack of association between high-density lipoprotein cholesterol and angiographic coronary lesion severity in Chinese patients with low background low-density lipoprotein cholesterol. *Acta Cardiol Sin*, 31(6), 528-535. (SCI)
24. Locke AE, Kahali B, Berndt SI, Justice AE, Pers TH, Day FR, ..., **Sheu WHH**,...& Kristiansson K. (2015). Genetic studies of body mass index yield new insights for obesity biology. *Nature*, 518(7538), 197-206. (SCI)
25. Shungin D, Winkler TW, Croteau-Chonka DC, Ferreira T, Locke AE, Mägi R, ..., **Sheu WHH**,... & Medina-Gomez C. (2015). New genetic loci link adipose and insulin biology to body fat distribution. *Nature*, 518(7538), 187-196. (SCI)
26. Green JB, Bethel MA, Armstrong PW, Buse JB, Engel SS, Garg J, ..., **Sheu WHH**,... & Holman RR. (2015). Effect of sitagliptin on cardiovascular outcomes in type 2 diabetes. *New England Journal of Medicine*, 373(3), 232-242. (SCI)
27. Wang, H. F., Yu, N. C., **Sheu WHH**, & Yeh, M. C. (2016). The development of a questionnaire measure of diabetes-related distress in Chinese-speaking patients: the Diabetes-Related Distress Questionnaire (DRDQ). *Quality of Life Research*, 25(3), 721-729. (SCI)
28. Lee WJ, Liu SH, Chiang CK, Lin SY, Liang KW, Chen CH, Tien HR, Chen PH, Wu JP, Tsai YC, Lai DW, **Sheu WHH***, and Sheu ML*. (2016). Aryl hydrocarbon receptor deficiency attenuates oxidative stress-related mesangial cell activation and macrophage infiltration and extracellular matrix accumulation in diabetic nephropathy. *Antioxidants & Redox Signaling*, 24(4), 217-231. (SCI)
29. Lee CL, Wang JS, Lee IT, Fu CP, Lee WJ, Liang KW, Lin SY, Li YF, **Sheu WHH***. (2016). Association of MMP-9 to TIMP-1 ratio with long-term body weight and waist circumference after dietary weight reduction in men with metabolic syndrome. *Clinica Chimica Acta*, 452, 182-184. (SCI)
30. Ke CC, Lai HC, Lin CH, Hung CJ, Chen DY, **Sheu WHH**, Lui PW. (2016). Increased risk of herpes zoster in diabetic patients comorbid with coronary artery disease and microvascular disorders: A Population-Based Study in Taiwan PLoS One 11(1): e0146750. (SCI)
31. Wang JS, Lee IT, Lee WJ, Lin SD, Su SL, Tu ST, Tseng YH, Lin SY, **Sheu WHH***. (2016). Glycemic excursions are positively associated with changes in duration of asymptomatic hypoglycemia after treatment intensification in patients with type 2 diabetes. *Diabetes Research and Clinical Practice*, 113:108-115. (SCI)
32. **Sheu WHH***, Brunell, S. C., & Blase, E. (2016). Efficacy and tolerability of exenatide twice daily and exenatide once weekly in Asian versus White

- patients with type 2 diabetes mellitus: A pooled analysis. *Diabetes Research and Clinical Practice*, 114, 160-172. (SCI)
33. Lee IT, **Sheu WHH**, Lin SY. (2016). The impact of creatinine clearance rate, daily urinary albumin, and their joint effect on predicting death in diabetic inpatients after discharge: an observational study *Medicine (Baltimore)*. 95 (6), e2804. (SCI)
 34. Chuang HC, Wang JS, Lee IT, **Sheu WHH**, & Tan TH. (2016). Epigenetic regulation of HGK/MAP4K4 in T cells of type 2 diabetes patients. *Oncotarget*, 7(10), 10976-10989. (SCI)
 35. Schnell O, Weng J, **Sheu WHH**, Watada H, Kalra S, Soegondo S, ... & Grzeszczak W. (2016). Acarbose reduces body weight irrespective of glycemic control in patients with diabetes: results of a worldwide, non-interventional, observational study data pool. *Journal of diabetes and its complications*, 30(4), 628-637. (SCI)
 36. Chang TJ, Wang WC, Hsiung CA, He CT, Lin MW, **Sheu WHH**, ... & Chuang LM. (2016). Genetic variation in the human SORBS1 gene is associated with blood pressure regulation and age at onset of hypertension: A SAPHIRE cohort study. *Medicine*, 95(10), e2970. (SCI)
 37. Assimes TL, Lee IT, Juang JM, Guo X, Wang TD, Kim ET, Lee WJ, Absher D, Chiu YF, Hsu CC, Chuang LM, Quertermous T, Hsiung CA, Rotter JI, **Sheu WHH**, Chen YD, Taylor KD*. (2016). Genetics of coronary artery disease in Taiwan: a cardiometabochip study by the Taichi consortium. *PLoS One*, 11(3), e0138014. (SCI)
 38. Li YH, Lin SY, **Sheu WHH**, Lee IT. (2016). Relationship between percentage of mean arterial pressure at the ankle and mortality in participants with normal ankle-brachial index: an observational study. *BMJ Open*, 6(3), e010540. (SCI)
 39. Zhao M, Cooney MT, Klipstein-Grobusch K, ..., **Sheu WHH**, ... & AlFaleh H. (2016). Simplifying the audit of risk factor recording and control: a report from an international study in 11 countries. *European journal of preventive cardiology*, 23(1), 1202-1210. (SCI)
 40. Chen WM*, **Sheu WHH***, Tseng PC, Lee TS, Lee WJ, Chang PJ, and Chiang AN. (2016). Modulation of microRNA Expression in Subjects with Metabolic Syndrome and Decrease of Cholesterol Efflux from Macrophages via microRNA-33-Mediated Attenuation of ATP-Binding Cassette Transporter A1 Expression by Statins. *PLoS One*, 11(5), e0154672. (SCI)
 41. Hsu CL, **Sheu WHH***. Diabetes and shoulder disorders. *J Diabetes Investig*, 7(5), 649-651. (SCI)
 42. Wang JS, Lee CL, Lee WJ, Lee IT, Lin SY, Lee WL, Liang KW, **Sheu WHH** *. (2016). Statin treatment was associated with a negative correlation between NT-proBNP and insulin resistance in patients without history of heart failure. *Clinica Chimica Acta*, 458, 84-88. (SCI)
 43. Sheen YJ, & **Sheu WHH***. (2016). Association between hypoglycemia and dementia in patients with type 2 diabetes. *Diabetes Research and Clinical Practice*, 116, 279-287. (SCI)

44. Inagaki N, **Sheu WHH**, Owens DR, Crowe S, Bhandari A, Gong Y, Patel S. (2016). Efficacy and safety of linagliptin in type 2 diabetes patients with self-reported hepatic disorders: A retrospective pooled analysis of 17 randomized, double-blind, placebo-controlled clinical trials. *J Diabetes Complications*, 30(8), 1622-1630. (SCI)
45. Liu C^{*}, Kraja AT, Smith JA, Brody JA, Franceschini N, Bis, JC, ..., **Sheu WHH**, ..., Chasman DI. (2016). Meta-analysis identifies common and rare variants influencing blood pressure and overlapping with metabolic trait loci. *Nature Genetics*, 48(10), 1162-1170. (SCI)
46. Ehret GB, Ferreira T, Chasman DI, Jackson AU, Schmidt EM, Johnson T, ..., **Sheu WHH**, ..., Munroe PB. (2016). The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. *Nature Genetics*, 48(10), 1171-1184. (SCI)
47. Liu HC, Wang JS, Lee IT, Song YM, Fu CP, Li YF, **Sheu WHH**, Lin SY. (2016). Physical activity and albuminuria were associated with painful diabetic polyneuropathy in type 2 diabetes in an ethnic Chinese population. *Clin Chim Acta*, 462, 55-59. (SCI)
48. Lee IT, Wang JS, Fu CP, Lin SY, **Sheu WHH***. Relationship between body weight and the increment in serum brain-derived neurotrophic factor after oral glucose challenge in men with obesity and metabolic syndrome: A prospective study. *Medicine (Baltimore)*, 95(43), e5260. (SCI)
49. Chang YC, Chiu YF, He CT, **Sheu WHH**, Lin MW, Seto TB, et al. (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)*, 95(44), e5174. (SCI)
50. **Sheu WHH**, Ji L, Lee WJ, Jabbar A, Han JH, Lew T. (2016). Efficacy and safety of premixed insulin analogs in Asian patients with type 2 diabetes: A systematic review. *Journal of Diabetes Investigation*, 8(4):518-534. (SCI)
51. Wang JS, Lee IT, Lee WJ, Lin SD, Su SL, Tu ST, Tseng YH, Lin SY, **Sheu WHH***. (2017). Glycemic excursions were positively associated with HbA1c reduction from baseline after treatment with acarbose in patients with type 2 diabetes on metformin monotherapy. *Journal of Diabetes*, 9(3), 248-255. (SCI)
52. Lee IT, Wang JS, Lee WJ, Lin SY, Fu CP, Hsu CY, **Sheu WHH***. (2017). The synergistic effect of vascular cell adhesion molecule-1 and coronary artery disease on brain-derived neurotrophic factor. *Clinica Chimica Acta* 466,194-200. (SCI)
53. Liao WL, Lee WJ, Chen CC, Lu CH, Chen CH, Chou YC, Lee IT, **Sheu WHH**, Wu JY, Yang CF, Wang, C.H. and Tsai FJ*. (2017). Pharmacogenetics of dipeptidyl peptidase 4 inhibitors in a Taiwanese population with type 2 diabetes. *Oncotarget* 8(11), 18050-18058. (SCI)
54. Chen YW, Wang JS, **Sheu WHH**, Lin SY, Lee IT, Song YM, Fu CP, Lee CL. (2017). Hemoglobin glycation index as a useful predictor of therapeutic responses to dipeptidyl peptidase-4 inhibitors in patients with type 2 diabetes. *PLoS One* 12(2), e0171753. (SCI)

55. Liang KW*, **Sheu WHH**, Lee WJ, Lee WL, Pan HC, Lee IT, Wang JS. (2017). Post-challenge insulin concentration is useful for differentiating between coronary artery disease and cardiac syndrome X in subjects without known diabetes mellitus. *Diabetology & Metabolic Syndrome*, 9, 10. (SCI)
56. Spracklen CN, Chen P, Kim YJ, Wang X, Cai H, Li S,....., **Sheu WHH**,...., *et al.* (2017). Association analyses of East Asian individuals and trans-ancestry analyses with European individuals reveal new loci associated with cholesterol and triglyceride levels. *Human Molecular Genetics*, 26(9): 1770-1784. (SCI)
57. Chen, C. L., Yen, D. H. T., Lin, C. S., Tsai, S. H., Chen, S. J., **Sheu, W. H. H.**, & Hsu, C. W. (2017). Glycated hemoglobin level is an independent predictor of major adverse cardiac events after nonfatal acute myocardial infarction in nondiabetic patients: A retrospective observational study. *Medicine*, 96(18), e6743. (SCI)
58. Li, C., Kim, Y. K., Dorajoo, R., Li, H., Lee, I. T., Cheng, C. Y.,....., **Sheu, W. H. H.**,... & He, J. (2017). Genome-Wide Association Study Meta-Analysis of Long-Term Average Blood Pressure in East Asians. *Circulation: Cardiovascular Genetics*, 10(2), e001527. (SCI)
59. Fernández-Rhodes, L., Gong, J., Haessler, J.,....., **Sheu, W. H. H.**,....., Kari E. N. (2017). Trans-ethnic fine-mapping of genetic loci for body mass index in the diverse ancestral populations of the Population Architecture using Genomics and Epidemiology (PAGE) Study reveals evidence for multiple signals at established loci. *Hum Genet*, 136(6):771-800. (SCI)
60. Dewey, F. E., Gusarova, V., Dunbar, R. L., O'Dushlaine, C., Schurmann, C., Gottesman, O.,....., **Sheu, W. H. H.**,... & Leader, J. B. (2017). Genetic and Pharmacologic Inactivation of ANGPTL3 and Cardiovascular Disease. *New England Journal of Medicine*, 377(3), 211-221. (SCI)
61. Ballantyne, C. M., Shah, S., Sapre, A., Ashraf, T. B.,....., **Sheu, W. H. H.**,... & Rossi, P. R. F. (2017). A Multiregional, Randomized Evaluation of the Lipid-Modifying Efficacy and Tolerability of Anacetrapib Added to Ongoing Statin Therapy in Patients With Hypercholesterolemia or Low High-Density Lipoprotein Cholesterol. *The American Journal of Cardiology*, 120(4), 569-576. (SCI)
62. Gerstein, H. C., Colhoun, H. M., Dagenais, G. R., Diaz, R., Lakshmanan, M., Pais, P.,....., **Sheu, W. H. H.**,... & Atisso, C. M. (2017). Design and Baseline Characteristics of Participants in the Researching cardiovascular Events with a Weekly INcretin in Diabetes (REWIND) Trial of Dulaglutide's Cardiovascular Effects. *Diabetes, Obesity and Metabolism*, 20(1), 42-49. (SCI)
63. Howson, J. M., Zhao, W., Barnes, D. R., Ho, W. K., Young, R., Paul, D. S., ..., **Sheu, W. H. H.**,... & Sun, B. B. (2017). Fifteen new risk loci for coronary artery disease highlight arterial-wall-specific mechanisms. *Nature Genetics*, 49(7), 1113–1119. (SCI)
64. Zhao, W., Rasheed, A., Tikkanen, E., Lee, J. J., Butterworth, A. S., Howson, J. M., ..., **Sheu, W. H. H.**, ... & Small, A. (2017). Identification of new susceptibility loci for type 2 diabetes and shared etiological pathways with coronary heart disease. *Nature Genetics*, 49(10), 1450-1457. (SCI)

65. Lu, X., Peloso, G. M., Liu, D. J., Wu, Y., Zhang, H., Zhou, W., ..., **Sheu, W. H. H.**, ... & Long, J. (2017). Exome chip meta-analysis identifies novel loci and East Asian-specific coding variants that contribute to lipid levels and coronary artery disease. *Nature Genetics*, 49(12), 1722-1730. (SCI)
66. Lai, D. W., Lin, K. H., **Sheu, W. H. H.**, Lee, M. R., Chen, C. Y., Lee, W. J., ... & Sheu, M. L. (2017). TPL2 (Therapeutic Targeting Tumor Progression Locus-2)/ATF4 (Activating Transcription Factor-4)/SDF1 α (Chemokine Stromal Cell-Derived Factor- α) Axis Suppresses Diabetic Retinopathy Novelty and Significance. *Circulation Research*, 121(6), e37-e52. (SCI)
67. Holman, R. R., Bethel, M. A., Mentz, R. J., Thompson, V. P., Lokhnygina, Y., Buse, J. B., ..., **Sheu, W. H. H.**, ... & Maggioni, A. P. (2017). Effects of once-weekly exenatide on cardiovascular outcomes in type 2 diabetes. *New England Journal of Medicine*, 377(13), 1228-1239. (SCI)
68. **Sheu, W. H. H.**, Wang, W. C., Wu, K. D., He, C. T., Hwu, C. M., Quertermous, T., ... & Hsiung, C. A. (2017). CRP-level-associated polymorphism rs1205 within the CRP gene is associated with 2-hour glucose level: The SAPPHIRe study. *Scientific Reports*, 11(1), 7987. (SCI)
69. Wheeler, E., Leong, A., Liu, C. T., Hivert, M. F., Strawbridge, R. J., Podmore, C., ..., **Sheu, W. H. H.**, ... & Chu, A. Y. (2017). Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transethnic genome-wide meta-analysis. *PLoS Medicine*, 14(9), e1002383. (SCI)
70. Sobrin, L., Chong, Y. H., Fan, Q., Gan, A., Stanwyck, L. K., Kaidonis, G., ..., **Sheu, W. H. H.**, ... & Lee, W. J. (2017). Genetically Determined Plasma Lipid Levels and Risk of Diabetic Retinopathy: A Mendelian Randomization Study. *Diabetes*, 66(12):3130-3141. (SCI)
71. Jardine, M. J., Mahaffey, K. W., Neal, B., Agarwal, R., Bakris, G. L., Brenner, B. M., ..., **Sheu, W. H. H.**, ... & Edwards, R. (2017). The Canagliflozin and Renal Endpoints in Diabetes with Established Nephropathy Clinical Evaluation (CREDENCE) Study Rationale, Design, and Baseline Characteristics. *American Journal of Nephrology*, 46(6), 462-472. (SCI)
72. Liang, K. W., **Sheu, W. H. H.**, Lee, W. J., Lee, W. L., Fu, C. P., & Wang, J. S. (2017). Differential expression of circulating vascular cell adhesion molecule-1 in subjects with coronary artery disease and cardiac syndrome X without known diabetes mellitus. *Biomarkers*, 22(8), 798-804. (SCI)
73. Wang, J. S., **Sheu, W. H. H.**, Lee, W. J., Lee, I. T., Lin, S. Y., Lee, W. L., ... & Lin, S. J. (2017). Associations of fibroblast growth factor 21 with cardiovascular risk and β -cell function in patients who had no history of diabetes. *Clinica Chimica Acta*, 472, 80-85. (SCI)
74. Lee, I. T., Wang, J. S., Fu, C. P., Chang, C. J., Lee, W. J., Lin, S. Y., & **Sheu, W. H. H.** * (2017). The synergistic effect of inflammation and metabolic syndrome on intraocular pressure: A cross-sectional study. *Medicine*, 96(36), e7851. (SCI)
75. Turcot, V., Lu, Y., Highland, H. M., Schurmann, C., Justice, A. E., Fine, R. S., ..., **Sheu, W. H. H.**, ... & Guo, X. (2018). Protein-altering variants

associated with body mass index implicate pathways that control energy intake and expenditure in obesity. *Nature Genetics*, 50(1), 26-41. (SCI)

76. Lee, I. T., Chen, C. H., Wang, J. S., Fu, C. P., Lee, W. J., Liang, K. W., ... & **Sheu, W. H. H.*** (2018). The association between brain-derived neurotrophic factor and central pulse pressure after an oral glucose tolerance test. *Clinica Chimica Acta*, 476, 1-8. (SCI)
77. Lee, C. L., **Sheu, W. H. H.**, Lee, I. T., Lin, S. Y., Liang, W. M., Wang, J. S., & Li, Y. F. (2018). Trajectories of fasting plasma glucose variability and mortality in type 2 diabetes. *Diabetes & Metabolism*, 44(2), 121-128. (SCI)
78. Wang, J. S., Hung, Y. J., Lu, Y. C., Tsai, C. L., Yang, W. S., Lee, T. I., ... & **Sheu, W. H. H.*** (2018). Difference between observed and predicted glycated hemoglobin at baseline and treatment response to vildagliptin-based dual oral therapy in patients with type 2 diabetes. *Diabetes Research and Clinical Practice*, 138, 119-127. (SCI)
79. Chiang, C. E., Lin, S. Y., Lin, T. H., Wang, T. D.,..., **Sheu, W. H. H.**,... & Chang, K. C. (2018). 2018 consensus of the Taiwan Society of Cardiology and the Diabetes Association of Republic of China (Taiwan) on the pharmacological management of patients with type 2 diabetes and cardiovascular diseases. *Journal of the Chinese Medical Association*, 81(3), 189-222. (SCI)
80. Sung, Y. J., Winkler, T. W., de Las Fuentes, L., Bentley, A. R.,..., **Sheu, W. H. H.**,... & Lu, Y. (2018). A large-scale multi-ancestry genome-wide study accounting for smoking behavior identifies multiple significant loci for blood pressure. *The American Journal of Human Genetics*, 102(3), 375-400. (SCI)
81. Emdin, C. A., Khera, A. V., Chaffin, M., Klarin, D.,..., **Sheu, W. H. H.**,... & Ardissono, D. (2018). Analysis of predicted loss-of-function variants in UK Biobank identifies variants protective for disease. *Nature Communications*, 9(1), 1613. (SCI)
82. Mahajan, A., Wessel, J., Willems, S. M., Zhao, W., ..., **Sheu, W. H. H.**,... & Guo, X. (2018). Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. *Nature genetics*, 50(4), 559-571. (SCI)
83. Wang, J. S., **Sheu, W. H. H.**, Lee, W. J., Lee, I. T., Lin, S. Y., Lee, W. L., ... & Lin, S. J. (2018). Levels of serum high mobility group box 1 were independently associated with cardiovascular risk in patients undergoing coronary angiography. *Clinica Chimica Acta*, 483, 130-134. (SCI)
84. Chang, Y. L., Sheu, W. H. H., Lin, S. Y., & Liou, W. S. (2018). Good glycaemic control is associated with a better prognosis in breast cancer patients with type 2 diabetes mellitus. *Clinical and Experimental Medicine*, 18, 383-390. (SCI)
85. Li, Y. H., **Sheu, W. H. H.**, Lee, W. J., Lee, I. T., Lin, S. Y., Lee, W. L., ... & Wang, J. S. (2018). Testing for HbA1c, in addition to the oral glucose tolerance test, in screening for abnormal glucose regulation helps to reveal patients with early β -cell function impairment. *Clinical Chemistry and Laboratory Medicine (CCLM)*, 56(8), 1345-1352. (SCI)

86. Lee, I. T., **Sheu, W. H. H.**, Lee, W. J., & Chen, D. Y. (2018). Serum brain-derived neurotrophic factor predicting reduction in pulse pressure after a one-hour rest in nurses working night shifts. *Scientific Reports*, 8(1), 5485. (SCI)
87. Teng, C. L. J., Chang, K. H., Tsai, I. J., Hwang, W. L., Hsu, C. Y., & **Sheu, W. H. H.*** (2018). Impact of Anthracyclines on Diabetes Mellitus Development in B-Cell Lymphoma Patients: A Nationwide Population-based Study. *Clinical Drug Investigation*, 38(7), 603-610.
88. Li, Y. H., **Sheu, W. H. H.**, Lee, W. J., Wang, J. S., Fu, C. P., Liang, K. W., & Lee, I. T. (2018). Synergistic effect of reninase and chronic kidney disease on endothelin-1 in patients with coronary artery disease—a cross-sectional study. *Scientific Reports*, 8(1), 7378.
89. Wang, J. S., Lee, W. J., Lee, I. T., Lin, S. Y., Lee, W. L., Liang, K. W., ... & **Sheu, W. H. H.*** (2018). Negative association between serum aryl hydrocarbon receptor concentrations and β - cell function in patients with no history of diabetes undergoing coronary angiography. *Journal of Diabetes*, 10(12), 958-964. (SCI)
90. Jabbar, A., Wan Mohamed, W. M. I. B., Ozaki, R., Mirasol, R., Treuer, T., Lew, T.,..., **Sheu, W. H. H.**,... & Babineaux, S. M. (2018). Patterns and trends in insulin initiation and intensification among patients with type 2 diabetes mellitus in the Western Pacific region. *Current Medical Research and Opinion*, 34(9), 1653-1662. (SCI)
91. Hsu, C. L., & **Sheu, W. H. H.*** (2018). History of gestational diabetes and future cardiovascular disease: What have we learned?. *Journal of Diabetes Investigation*, 9(6), 1258. (SCI)
92. Zekavat, S. M., Ruotsalainen, S., Handsaker, R. E., Alver, M., Bloom, J., Poterba, T.,..., **Sheu, W. H. H.**,...& Peloso, G. M. (2018). Deep coverage whole genome sequences and plasma lipoprotein (a) in individuals of European and African ancestries. *Nature Communications*, 9(1), 2606. (SCI)
93. Chang, T. J., Wang, W. C., Hsiung, C. A., He, C. T., Lin, M. W., **Sheu, W. H. H.**, ... & Chuang, L. M. (2018). Genetic variation of SORBS1 gene is associated with glucose homeostasis and age at onset of diabetes: A SAPHIRE Cohort Study. *Scientific Reports*, 8(1), 10574. (SCI)
94. Li, Y. H., **Sheu, W. H. H.**, & Lee, I. T. (2018). Effects of retinopathy and chronic kidney disease on long-term mortality in type 2 diabetic inpatients with normal urinary albumin or protein: a retrospective cohort study. *BMJ open*, 8(7), e021655. (SCI)
95. Fu, C. P., **Sheu, W. H. H.**, Lee, W. L., Lee, W. J., Wang, J. S., Lin, S. Y., & Lee, I. T. (2018). Two-hour post-challenge hyperglycemia, but not fasting plasma glucose, associated with severity of coronary artery disease in patients with angina. *PloS one*, 13(8), e0202280. (SCI)
96. Natarajan, P., Peloso, G. M., Zekavat, S. M., Montasser, M., Ganna, A., Chaffin, M.,..., **Sheu, W. H. H.**,... & Ernst, J. (2018). Deep-coverage whole genome sequences and blood lipids among 16,324 individuals. *Nature communications*, 9(1), 3391. (SCI)

97. Liang, K. W., Lee, W. J., Lee, I. T., Lin, S. Y., Wang, J. S., Lee, W. L., & **Sheu, W. H. H.*** (2018). Regaining body weight after weight reduction further increases pulse wave velocity in obese men with metabolic syndrome. *Medicine*, 97(40), e12730. (SCI)
98. Wang, C. Y., Tu, S. T., **Sheu, W. H. H.**, Chen, I. C., Chuang, L. M., Wu, M. S., & Yu, C. J. (2018). National survey of ABC (A1C, blood pressure, cholesterol) of Diabetes Health Promotion Institutes in Taiwan: 2002-2018. *Journal of the Formosan Medical Association*, 117(11), 952-954.
99. Bain, S. C., Mosenzon, O., Arechavaleta, R., Bogdański, P., Comlekci, A., Consoli, A.,..., **Sheu, W. H. H.**,...& Franco, D. R. (2018). Cardiovascular safety of oral semaglutide in patients with type 2 diabetes: Rationale, design and patient baseline characteristics for the PIONEER 6 trial. *Diabetes, Obesity and Metabolism*, 21(3), 499-508 (SCI)
100. Lee, I. T., & **Sheu, W. H. H.*** (2018). Serum Renalase Levels Are Predicted by Brain-Derived Neurotrophic Factor and Associated with Cardiovascular Events and Mortality after Percutaneous Coronary Intervention. *Journal of Clinical Medicine*, 7(11), 437. (SCI)
101. Sheen, Y. J., Li, T. C., Lin, J. L., Tsai, W. C., Kao, C. D., Bau, C. T., & **Sheu, W. H. H.** (2018). Association between thermal threshold abnormalities and peripheral artery disease in patients with type 2 diabetes. *Medicine*, 97(51), e13803. (SCI)
102. Wang, J. S., Lee, W. J., Lee, I. T., Lin, S. Y., Lee, W. L., Liang, K. W., & **Sheu, W. H. H.*** (2018). Association between serum adiponin levels and insulin resistance in subjects with various degrees of glucose intolerance. *Journal of the Endocrine Society*, 3(2), 403-410.
103. Pollack, S., Igo, R. P., Jensen, R. A., Christiansen, M., Li, X., Cheng, C. Y., ..., **Sheu, W. H. H.**,... & Davoudi, S. (2019). Multiethnic genome-wide association study of diabetic retinopathy using liability threshold modeling of duration of diabetes and glycemic control. *Diabetes*, 68(2), 441-456. (SCI)
104. Tien, K. J., Hung, Y. J., Chen, J. F., Chen, C. C., Wang, C. Y., Hwu, C. M., ... & Sheu, W. H. H. (2019). Basal insulin therapy: Unmet medical needs in Asia and the new insulin glargine in diabetes treatment. *Journal of Diabetes Investigation*, 10(3), 560-570. (SCI)
105. Kraja, A. T., Liu, C., Fetterman, J. L., Graff, M., Have, C. T., Gu, C.,..., **Sheu, W. H. H.**,... & Young, K. (2019). Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. *The American Journal of Human Genetics*, 104(1), 112-138. (SCI)
106. Perkovic, V., Jardine, M. J., Neal, B., Bompoint, S., Heerspink, H. J., Charytan, D. M., ... Mahaffey, K. W., for the CREDENCE Trial Investigators(including **Sheu, W. H. H.**) (2019). Canagliflozin and renal outcomes in type 2 diabetes and nephropathy. *New England Journal of Medicine*, 380(24), 2295-2306. (SCI)
107. Liao, C. Y., Wu, M. F., Poon, S. K., Liu, Y. M., Chen, H. C., Wu, C. L., **Sheu, W. H. H.** & Liou, W. S. (2019). Improving medication safety by cloud

- technology: progression and value-added applications in Taiwan. *International Journal of Medical Informatics*, 126, 65-71. (SCI)
108. Sung, Y. J., de Las Fuentes, L., Winkler, T. W., Chasman, D. I., Bentley, A. R., Kraja, A. T.,..., **Sheu, W. H. H.**,... & Manning, A. K. (2019). A multi-ancestry genome-wide study incorporating gene–smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. *Human molecular genetics*. 28(15), 2615-2633. (SCI)
 109. Gerstein, H. C., Colhoun, H. M., Dagenais, G. R., Diaz, R., Lakshmanan, M., Pais, P., ..., **Sheu, W. H. H.**, ...& Xavier, D. (2019). Dulaglutide and cardiovascular outcomes in type 2 diabetes (REWIND): a double-blind, randomised placebo-controlled trial. *The Lancet*. 394(10193), 121-130. (SCI)
 110. Gerstein, H. C., Colhoun, H. M., Dagenais, G. R., Diaz, R., Lakshmanan, M., Pais, P., ..., **Sheu, W. H. H.**,...& Xavier, D. (2019). Dulaglutide and renal outcomes in type 2 diabetes: an exploratory analysis of the REWIND randomised, placebo-controlled trial. *The Lancet*. 394(10193), 131-138. (SCI)
 111. Tseng, F. Y., Huang, T. S., Lin, J. D., Chen, S. T., Wang, P. W., Chen, J. F., ..., **Sheu, W. H. H.**,... & Acromegaly Registry Study Group. (2019). A registry of acromegaly patients and one year following up in Taiwan. *Journal of the Formosan Medical Association*. 118(10), 1430-1437. (SCI)
 112. Tseng, F. Y., Chen, S. T., Chen, J. F., Huang, T. S., Lin, J. D., Wang, P. W., ..., **Sheu, W. H. H.**,... & Acromegaly Registry Study Group. (2019). Correlations of clinical parameters with quality of life in patients with acromegaly: Taiwan Acromegaly Registry. *Journal of the Formosan Medical Association*. 118(11), 1488-1493. (SCI)
 113. Husain, M., Birkenfeld, A. L., Donsmark, M., Dungan, K., Eliaschewitz, F. G., Franco, D. R., ... **Sheu, W. H. H.**,... & Tack, C. J. (2019). Oral Semaglutide and Cardiovascular Outcomes in Patients with Type 2 Diabetes. *The New England journal of medicine*, 381(9). 841-851. (SCI)
 114. Deerochanawong, C., Chan, S. P., Matawaran, B. J., **Sheu, W. H. H.**, Chan, J., Man, N. H., ... & Mithal, A. (2019). Use of sodium- glucose co- transporter - 2 inhibitors in patients with type 2 diabetes mellitus and multiple cardiovascular risk factors: An Asian perspective and expert recommendations. *Diabetes, Obesity and Metabolism*. 21(11), 2354-2367. (SCI)
 115. Hsu, C. C., Tu, S. T., & **Sheu, W. H. H.*** (2019). 2019 Diabetes Atlas: Achievements and challenges in diabetes care in Taiwan. *Journal of the Formosan Medical Association*, 118(2). S130-S134. (SCI)
 116. Clark, D. W., Okada, Y., Moore, K. H., Mason, D., Pirastu, N., Gandin, I., ... , **Sheu, W. H. H.**,... & Deelen, P. (2019). Associations of autozygosity with a broad range of human phenotypes. *Nature Communications*. 10(1), 1-17. (SCI)
 117. Wang, C. Y., Wu, Y. L., **Sheu, W. H. H.**, Tu, S. T., Hsu, C. C., & Tai, T. Y. (2019). Accountability and utilization of diabetes care from 2005 to 2014 in Taiwan. *Journal of the Formosan Medical Association*, 118(2), S111-S121. (SCI)

118. Kachroo, P., Hecker, J., Chawes, B. L., Ahluwalia, T. S., Cho, M. H., Qiao, D., ... & for the TOPMed Consortium(**Sheu, W. H. H.**) (2019). Whole Genome Sequencing Identifies CRISPLD2 as a Lung Function Gene in Children With Asthma. *Chest*, 156(6), 1068-1079. (SCI)
119. Lee, I. T., Hsu, C. C., **Sheu, W. H. H.**, Su, S. L., Wu, Y. L., & Lin, S. Y. (2019). Pay-for-performance for shared care of diabetes in Taiwan. *Journal of the Formosan Medical Association*, 118(2), S122-S129. (SCI)
120. Liao, C. Y., Wu, M. F., Poon, S. K., Liu, Y. M., Chen, H. C., Wu, C. L., **Sheu, W. H. H.** & Liou, W. S. (2019). Improving medication safety by cloud technology: Progression and value-added applications in Taiwan. *International journal of medical informatics*, 126, 65-71. (SCI)
121. Hsieh, Y. C., Liao, Y. C., Li, C. H., Lin, J. C., Weng, C. J., Lin, C. C., ... & **Sheu, W. H. H.** (2019). Hypoglycemic Episodes Increase the Risk of Ventricular Arrhythmia and Sudden Cardiac Arrest in Patients with Type 2 Diabetes- A Nationwide Cohort Study. *Diabetes/Metabolism Research and Reviews*. e3226. (SCI)
122. Sheen, Y. J., Hsu, C. C., Jiang, Y. D., Huang, C. N., Liu, J. S., & **Sheu, W. H. H.*** (2019). Trends in prevalence and incidence of diabetes mellitus from 2005 to 2014 in Taiwan. *Journal of the Formosan Medical Association*, 118(2), S66-S73. (SCI)
123. Sheen, Y. J., Huang, C. C., Huang, S. C., Hung, M. D., Lin, C. H., Lee, I. T., ... & **Sheu, W. H. H.*** (2019). Implementation of an electronic dashboard with a remote management system to improve glycemic management among hospitalized adults. *Endocrine Practice*. In-Press. (SCI)
124. Liao, C. C., **Sheu, W. H. H.**, Lin, S. Y., Lee, W. J., & Lee, I. T. (2020). The Relationship Between Abdominal Body Composition and Metabolic Syndrome After a Weight Reduction Program in Adult Men with Obesity. *Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy*, 13, 1-8. (SCI)
125. Shieh, G. J., Wu, S. L., Tsai, C. F., Chang, C. S., Chang, T. H., Lui, P. W., ... & **Sheu, W. H. H.*** (2020). A Strategic Imperative for Promoting Hospital Branding: Analysis of Outcome Indicators. *Interactive Journal of Medical Research*, 9(1), e14546.
126. Sinclair, A. J., Dunning, T., Dhatariya, K., an International Group of Experts(**Sheu, W. H. H.**) (2020). Clinical guidelines for type 1 diabetes mellitus with an emphasis on older adults: an Executive Summary. *Diabetic Medicine*, 37(1), 53-70. (SCI)
127. Gerstein, H. C., Hart, R., Colhoun, H. M., Diaz, R., Lakshmanan, M., Botros, F. T., ... , **Sheu, W. H. H.** & Dyal, L. (2020). The effect of dulaglutide on stroke: an exploratory analysis of the REWIND trial. *The Lancet Diabetes & Endocrinology*, 8, 106-114. (SCI)
128. **Sheu, W. H. H.** Seino Y, Tan EC, Yabe D, Ha KH, Nangaku M, Chung WJ, Node K, Yasui A, Lei WY, Lee S, Ustyugova A, Klement R, Deruaz-Luyet A, Kyaw MH, Kim DJ (2021) ; EMPRISE East Asia study group. Healthcare resource utilization in patients treated with empagliflozin in East Asia. *J Diabetes Investig*. 2021 Dec (SCI)