

研討會發表(由最新至舊年代依序排序)

1	Shin-Yi Tsai*, Kun-Jou Tsai, Chang-Pan Liu, Chien-Feng Kuo, Yu-Jen Chen, Ta-Chuan Hung. Lab-Led Real-Time MIC (Minimum Inhibitory Concentration) Alerts and Risk-Based Computerized Physician Order Entry (CPOE) System Stewardship: Reducing Broad-Spectrum Antibiotic Use in ICU Pneumonia. Sep. 2026. (Oral Presentation).
2	Shin-Yi Tsai, Ya-Sian Chang, Jan-Gowth Chang. High Frequency of Pathogenic G6PD Variants in a Taiwanese Stroke Cohort: Transfusion Safety Implications and Donor-Unit Risk Stratification. 39th International Congress of the ISBT. Jun. 2026.
3	Shin-Yi Tsai, Ya-Sian Chang, Jan-Gowth Chang. Inherited α - and β -globin variants in Taiwanese stroke patients: prevalence, transfusion implications, and patient blood management strategies. 39th International Congress of the ISBT. Jun. 2026.
4	Shin-Yi Tsai*, Ya-Sian Chang, Jan-Gowth Chang. Pharmacogenetic-Guided Therapy in Stroke: Empowering Transfusion Practitioners with Clinical Decision Support to Prevent Bleeding and Reduce Transfusions. 39th International Congress of the ISBT. Jun. 2026.(Oral Presentation)
5	Shin-Yi Tsai*, Ya-Sian Chang, Jan Gowth Chang. HLA Class I Landscape in a Taiwanese Stroke Cohort and Pharmacogenomic Implications. Asia and Pacific Histocompatibility & Immunogenetics Association (APHIA) 2026. May. 2026.
6	Shin-Yi Tsai*, Wen-Fa Chen, Chun-Chen Liou, Chen-Yu Chiang, Frans R Tamara, Ying-Ru Pan. Transfusions, Pregnancy, and the Limits of Penalized Time-to-Event Modeling for Incident HLA Sensitization in Wait-Listed Dialysis Patients. Asia and Pacific Histocompatibility & Immunogenetics Association (APHIA) 2026. May. 2026.
7	Ting-Yu Chen, Shin-Yi Tsai, Shinn-Ying Ho. Decision support system for predicting relapse and survival prognosis of acute myeloid leukemia patients. 2025 MacKay Memorial Hospital Inter-Institutional Joint Academic Symposium. Nov. 2025
8	Hsun Chang, Yu-Cheng Chang, Shinn-Ying Ho, Han-Jen Hsu, Chien-Feng Kuo, Shin-Yi Tsai*. Gut microbiota in patients with hematologic malignancy receiving hematopoietic stem cell transplantation (HSCT). 2025 MacKay Memorial Hospital Inter-Institutional Joint Academic Symposium. Nov. 2025.
9	Shin-Yi Tsai*, Yung-Shiu Chan, Hsiao-Lin Chang, Ching-Hui Yang, Yen-Han Wang, Chen-Yu Chiang, Frans R Tamara, Sheng-Mou Hou, Ma-Li Lin. Unmasking the Gray Zone: Five-Year Discrepancy Patterns Between SPRCA and ELISA in Antiplatelet Antibody Detection. Blood 2025 and the 36th Regional Congress of the ISBT. Oct. 2025.(Oral Presentation)

10	Shin-Yi Tsai*, C Chang, Wen-Fa Chen, Yen-Han Wang, Chun-Chen Liou. Impact of Pregnancy and Pro-inflammatory Events on Anti- HLA Alloimmunization in Kidney Transplant Candidates: a Retrospective Cohort Study. Blood 2025 and the 36th Regional Congress of the ISBT. Oct. 2025.
11	Shin-Yi Tsai*, Kuan-Hsiao Lin, Ching-Hui Yang, Yung-Shiu Chan, Hsiao-Lin Chang, Frans R Tamara, C Yang, Sheng-Mou Hou, Ma-Li Lin. How CD36 Deficiency Intersects with Complex Diseases and Confounds Transfusion and Cardiometabolic Care: Three Cases Illustrating Diagnostic Challenges. Blood 2025 and the 36th Regional Congress of the ISBT. Oct. 2025.
12	Shin-Yi Tsai*, Yung-Shiu Chan, Hsiao-Lin Chang, Ching-Hui Yang, Frans R Tamara, C Yang, Ma-Li Lin. Diagnostic Challenges and Clinical Impacts of CD36 Deficiency in Patients with Multiple Comorbidities: Insights from Two Illustrative Cases. Blood 2025 and the 36th Regional Congress of the ISBT. Oct. 2025.
13	Shin-Yi Tsai*, Yen-Han Wang, Wen-Po Chiang, Ching-Hsiang Yu. Impact of Plasma-to-Red Blood Cell Ratio on Outcomes in Trauma Patients: A Retrospective Analysis of Different Trauma Mechanisms. Association for Diagnostics & Laboratory Medicine Annual Meeting. Jul. 2025.
14	Shin-Yi Tsai*, Frans R. Tamara, Sheng Hsieh, Jan-Gowth Chang. Pharmacogenomic insights into stroke: genetic variants influencing drug metabolism, anticoagulation, and risk in Asian populations. European Society of Human Genetics Conference. May, 2025.
15	Shin-Yi Tsai*, Kun-Hao. Wu, Chiang Chen-Yu, Frans Ricardo, Sheng. Hsieh, Sheng -Jyun Hsieh, Yan-Jiun Hung, Leiyu-shi, Jan-Gowth Chang. Mitochondrial Genetic Variants and Stroke Risk Prediction: Integrating Comprehensive Genomic Profiling into Clinical Practice. 2025 International Conference on Primary Health Care. Mar. 2025.(Oral Presentation)
16	Shin-Yi Tsai*, Sheng -Jyun. Hsieh, Sheng. Hsieh, Li-Chu. Liu, Kun-Hao. Wu, Yun-Hsiang. Hsieh, Jan-Gowth. Chang. Comprehensive Genomic Profiling of Stroke Cohorts in Taiwan: Integrative Analysis of ROH, Clonal Hematopoiesis, Pharmacogenetics, Mitochondrial Mutations, UPD, Short Variants, GWAS and HLA Using Next Generation Sequencing. American Society of Human Genetics Annual Meeting. Nov, 2024.
17	Shin-Yi Tsai*, Ching-Huang Su, Chia-Hua Chang, Hei-Tung Yip, Kam-Hang Leong. Impact of Blood Transfusion on Postoperative Outcomes in Cardiac Surgery: Insights from the National Health Insurance Research Database. Association for the Advancement of Blood & Biotherapies Annual Meeting. Oct, 2024.
18	Shin-Yi Tsai*, Hsiao-Lin Chang, Yung-Shiu Chan, Taiwan Blood Services Foundation, Ching-Hsiang Yu, Chen-Yu Jiang, Ma-Li Lin. A Case of Platelet Transfusion Refractoriness in a CD36-Deficiency Patient With Drug Induced Thrombocytopenia. Association for the Advancement of Blood & Biotherapies Annual Meeting. Oct, 2024.

19	Chiang, Chen-Yu, Taiwan Blood Services Foundation, Hsiao-Lin Chang, Yung-Shiu Chan, Wern-Cherng Cheng, and Shin-Yi Tsai. "A Case of Transfusion Reaction Reported at an Institution Different from Where the Transfusion Was Performed." Taiwan Hemovigilance Network Annual Report (2024): 28-31. Airiti Library. doi: 10.30029/THNAR.202407_2023.0006.
20	Shin-Yi Tsai*, Sheng-Chun Hsieh, Kai-Chou Chen, Ching-Huang Su, Nei-Wei Hsu, Sheng Hsieh, Chien-Feng Kuo. How the phenotypes and genotypes affect irritable bowel syndrome (IBS). American Society of Human Genetics Annual Meeting. Washington, DC. Nov. 2023.
21	Chun-Chen Liou, Wen-Fa Chen, Chih-Cheng Chang, Yo-Yu Chang, Jin-Yi Lin, Hsin-Tsung Ho, Shin-Yi Tsai. The effect of loss of heterozygosity in a patient with myelodysplastic syndrome with leukemic change. Asia- Pacific Conference of Transplantation Immunogenetics and Blood Transfusion 2022. Jul. 2022.
22	Ching-Huang Su^, Chih-Yu Chou^, Cheng-Li Lin, Wei-Che Yao, Yu-Ting Tina Wang, Chien-Feng Kuo, Leiyu Shi, Shin-Yi Tsai*. How Peptic Ulcer Disease could potentially lead to the lifelong, debilitating effects of Chronic Fatigue Syndrome: An Insight. 2021 The 35th Joint Annual Conference of Biomedical Science. May. 2021.
23	Shin-Yi Tsai**, Kai-Chen Chou, Nai-Wei Hsu, Chih-Yu Chou, Yu-Han Lio, Cheng-Han Chou, Kevin Sheng-Kai Ma. To Predict the Precision Rates for Whole-Genome Sequencing and an Investigation of a Genome-Wide Association Study (GWAS) of a Circadian Rhythm-Related Disease. 2021 The 35th Joint Annual Conference of Biomedical Science. Mar. 2021.
24	Yu-Han Liao, Chih-Yu Chou, Kai-Chen Chou, Yen-Han Wang, Yung-Hsi Chan, Ming-Tsung Wu, Yu-Hua Lin, Chien-Feng Kuo, Po-Fang Tsai, Kung-Pei, Tang, Shin-Yi Tsai*. To assess the intention affecting clinicians to give transfusion orders using unsupervised learning. Celebrating the 12th Anniversary of MacKay Medical College. Mar. 2021.
25	SY Tsai*, CL Lin, CH Su, KC Lin, KH Heong, SK Ma, X Jia. The risk of developing osteoporosis in hemolytic anemia - what aggravates the bone loss? - a retrospective cohort study of 11,210 patients in the NHIRD in Taiwan. 36th International Congress of the ISBT. Dec. 2020.
26	Shin-Yi Tsai*, Yu-Ting Tina Wang, Chon-Fu Lio, Kam- Hang Leong, Chien- Feng Kuo. Comparing traditional techniques with molecular methods in diagnosing <i>Prototheca wickerhamii</i> : a case report and review. 8th Congress of European Microbiologists - FEMS2019. Jul. 2019.
27	Shin-Yi Tsai*, Po- Ya Tung, Yu-Ting Tina Wang, An-Chun Kao, Chien-Feng Kao. <i>Kodamaea ohmeri</i> , an emerging fungal pathogen- a case report and review. 8th Congress of European Microbiologists - FEMS2019. Jul. 2019.
28	Shin-Yi Tsai*, Yu-Ting Tina Wang, Yi- Chen Ho, Steven Ho, Chien- Feng Kao, Wei- Shieng Wang. The emerging opportunistic pathogen <i>Abiotrophia defectiva</i> - a case report and review. 8th Congress of European Microbiologists - FEMS2019. Jul. 2019.

29	Yung-Shu Chan, Hsiao-Lin Chang, Yu-Hsuan Huang, Shin-Yi Tsai, Marie Lin. Comparison of two different systems in the detection of platelet alloantibodies in Taiwan. The 6th Congress of the Asia Association of Medical Laboratory Scientists (AAMLS 2019). May. 2019.
30	Shin-Yi Tsai*, Yi-Ting Chou, Mon-Huan Tsai. An Investigation of whole-Genome Genotyping and Whole-Genome Sequencing in Metabolic Syndrome, a circadian Rhythm-Related Disease. 2018 International Conference on Biotechnology and Bioengineering (8th ICBB 2018). Oct. 2018.
31	Shin-Yi Tsai*, Yan-Jiun Hung, Kevin Sheng-Kai Ma, Chien-Feng Kuo. Reduced vancomycin susceptibility (RVS) and Staphylococcal cassette chromosome mec (SCCmec) type distribution and systemic analysis of the mecA Gene among the patients with sepsis. Symposium of Taiwan Society of Clinical Pathology and Laboratory Medicine. Dec. 2017.
32	Shin-Yi Tsai, Chon-Fu Lio, Hsiang-Ting Chen *, Kai-Lan Chang , Wen-Hsin Lu, Wan-Ning Wu , Kevin Sheng-Kai Ma, Shou-Chuan Shih. Transfusion policy in patients with thermal injury. Symposium of Taiwan Society of Clinical Pathology and Laboratory Medicine. Dec. 2017.
33	Shin-Yi Tsai*, Hsiao-Lin Chang, Yung-Shu Chan, Li-Chun Hsiao, Hsin-Tsung Ho, Marie Lin. To investigate suspected transfusion-related acute lung injury in a patient with paroxysmal nocturnal hemoglobinuria. Symposium of Taiwan Society of Clinical Pathology and Laboratory Medicine. Dec. 2017.
34	Shin-Yi Tsai*, CF Lio, PY Tung, YJ Hung, SK Ma, CW Hsu. To Determine the Effectiveness of Albumin Administration in Burn Injuries. International Society of Blood Transfusion. Nov. 2017.
35	Shin-Yi Tsai*, Fu-Chieh Chang, Chon-Fu Lio, Hsiang-Ting Chen, Cheng-Wei Hsu, Wen-Hsin Lu, Yi-Ting Chou, Chien-Feng Kuo. Discordance of the Vancomycin Minimum Inhibitory Concentration for Methicillin-Resistant Staphylococcus aureus at 2 µg/mL between Vitek II, E-test, and Broth Microdilution. The 30th International Congress of Chemotherapy and Infection. Nov. 2017.
36	Chien-Feng Kuo, Ning Chuang, Po-Ya Tung, Kai-Lan Chang, Hsiang-Ting Chen, Yu-Hung Wu, Shin-Yi Tsai*. Comparing the various diagnostic techniques to differentiate diagnose protothecosis. The World Association of Societies of Pathology and Laboratory Medicine 2017(WASPaLM2017). Nov. 2017.
37	Shin-Yi Tsai*, Fu-Chieh Chang, Kevin Sheng-Kai Ma, Cheng-Wei Hsu, Po-Ya Tung, Yan-Jiun Hung, Yi-Ting Chou, Chien-Feng Kuo. Systemic Analysis of the mecA Gene Using a Bioinformatics Tool. The World Association of Societies of Pathology and Laboratory Medicine. Nov. 2017.
38	Shin-Yi Tsai*, Fu-Chieh Chang, Kevin Sheng-Kai Ma, Cheng-Wei Hsu, Po-Ya Tung, Yan-Jiun Hung, Yi-Ting Chou, Chien-Feng Kuo. Systemic Analysis of the mecA Gene Using a Bioinformatics Tool. ID Week 2017. Oct. 2017.

39	Shin-Yi Tsai*, Fu-Chieh Chang, Chon-Fu Lio, Chien-Feng Kuo. To discuss the Vancomycin Minimal Inhibitory Concentration data on Methicillin-Resistant Staphylococcus aureus in bacteremia. Federation of European Microbiological Societies. Jul. 2017.
40	Shin-Yi Tsai*, Chia-Meng Yu, Chien-Feng Kuo, Shou-Chuan Shih MD. Cost effectiveness analysis in response to bacteremia of burn management. The Federation of European Microbiological Societies. Jul. 2017.
41	Shin-Yi Tsai*, Fu-Chieh Chang, Chon-Fu Lio, Chien-Feng Kuo. Methicillin-Resistant Staphylococcus aureus Infections With a Minimal Inhibitory Concentration of 2 µg/mL to Vancomycin. The 16th Asia-Pacific Congress of Clinical Microbiology and Infection. Nov. 2016.
42	Shin-Yi Tsai*, Chien-Feng Kuo, Chon-Fu Lio, Wei-Ming Chen, Xiaofeng Jia, Leiyu Shi. Management Policy Analysis in Response to Bacteremia in Patients with Thermal Injury. The 16th Asia-Pacific Congress of Clinical Microbiology and Infection. Nov. 2016.
43	Shin-Yi Tsai*, Chon-Fu Lio, Tse-Yen Yang, Fu-Chieh Chang, Yu-Hung Wu, Chien-Feng Kuo. Comparing the Traditional and Molecular Diagnostic Techniques to Differentiate Diagnose Prototheca Wickerhamii. The 16th Asia-Pacific Congress of Clinical Microbiology and Infection. Nov. 2016.
44	Shin-Yi Tsai*, Fu-Chieh Chang, Chon-Fu Lio, Yu-Cheng Cheng, Ting-Yen Chen, Yu-Tien Chen, Yi-Tingho Cu, Chien-Feng Kuo. To identify the SCCmec gene types among the patients with sepsis. Symposium of Taiwan Society of Clinical Pathology and Laboratory Medicine. Nov. 2016.
45	Shin-Yi Tsai*, Cho-Fu Lio, Cheng-Jui Lin, Chien-Feng Kuo, Ting-Yen Chen, Chia-Meng Yu, Shou-Chuan Shih. To Investigate the Predisposing Factors for AKI in Burn Patients. Symposium of Taiwan Society of Clinical Pathology and Laboratory Medicine. Nov. 2016.
46	Shin-Yi Tsai*, Chon-Fu Lio, Hsuan-Ju Chen, Chi Chen, Yi-Ting Chou, Yu-Cheng Cheng, Chien-Feng Kuo, Tse-Yen Yang. Increased Risk of Chronic Fatigue Syndrome Following Inflammatory Bowel Disease. Symposium of Taiwan Society of Clinical Pathology and Laboratory Medicine. Nov. 2016.
47	Shin-Yi Tsai*, Chon-Fu Lio, Jang-Shian Liang, Wei-Ming Chen, Chien-Feng Kuo, Shou Chuan Shih. The impact of bacteremia on the non-operative transfusions. The 21st Conference on Bacteriology. Aug. 2016.
48	Shin-Yi Tsai*, Chon-Fu Lio, Chia-Meng Yu, Chien-Feng Kuo, Shou Chuan Shih. Health and management policy response to the demand for transfusion in burn patients. Symposium of Taiwan Society of Blood Transfusion. Jun. 2016.
49	Shin-Yi Tsai*, Chon-Fu Lio, Wen-Fa Chen, Hsin-Tsung Ho, Marie Lin. Patient blood management. ASCPaLM 2016 annual meeting. Mar. 2016.
50	Shin-Yi Tsai*, Tse-Yen Yang, Fu-Chieh Chang, Chia-Chin Chiang, Chien-Feng Kuo. Molecular diagnostic techniques to confirmation diagnose prototheca wickerhamii. ASCPaLM 2016 annual meeting. Mar. 2016.
51	Shin-Yi Tsai*, Chon-Fu Lio, Tse-Yen Yang, Shih-Hsin Chang, Chien-Feng Kuo, Shou Chuan Shih. To Identify Potential Factors Increasing the Demand of Extensive Transfusion From the Victims of Formosa Fun Coast Explosion in Taiwan. 28th World Congress of Pathology. Nov. 2015.

52	Shin-Yi Tsai*, Yu-Min Hsieh, Chon-Fu Lio, Tse-Yen Yang, Chiang Chia Chin, Yu-Hung Wu, Chien-Feng Kuo. Prototheca wickerhamii as a cause widespread cutaneous protothecosis. 28th World Congress of Pathology. Nov. 2015.
53	Xiao-feng Jia, Romergryko G, Geocadin, Shin-yi Tsai. Brain Cellular Response and Temperature manipulation after Cardiac Arrest Resuscitation in Rats. 38th Critical Care Congress 2008 Critical Care Medicine annual meeting. Jan. 2009.
54	Xiaofeng Jia, Venkatramana, Shinyi Tsai, Gehua Zhen, Yujie Wang, Matthew Koenig, Nitish Thakor, Romergryko Geocadin. Temperature Manipulation Alters Early EEG Bursting after Cardiac Arrest in Rats. The 5th Annual Meeting of the Neurocritical Care Society. Nov. 2007.