

Curriculum Vitae

Personal Information

Name	Shih-Yen Weng, Ph.D.
Position Title	Assistant Professor
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Education

2010 Ph.D., Institute of Molecular Medicine, National Taiwan University

Patents

- 1 Novel tube holder for peristaltic pump during mouse liver perfusion
- 2 Novel rack for tissue staining slides

Specialties and Research Interests

1. Molecular Medicine
2. Immunology
3. Big data analytics
4. Smart healthcare

Professional Appointment

2021-present Assistant Professor, National Taipei University of Nursing and Health Sciences, Taipei, Taiwan

2019-2021 Assistant Research Fellow, National Taipei University of Nursing and Health Sciences, Taipei, Taiwan

2017-2019 Postdoctoral Researcher, Department of Gastroenterology, Wanfang Hospital, Taipei, Taiwan

2011-2017 Post-doctoral fellow, Institute of Translational Immunology, Johannes Gutenberg-Universität Mainz, Mainz, Germany

Publications

1. Yilmaz K, Haeberle S, Kim YO, Fritzler MJ, **Weng SY**, Goeppert B, Raker VK, Steinbrink K, Schuppan D, Enk A, Hadaschik EN. Regulatory T-cell deficiency leads to features of autoimmune liver disease overlap syndrome in scurfy mice. *Front Immunol*. 2023 Sep 25;14:1253649.
2. Tu CC, **Weng SY**, Hsieh NC, Cheng WC, Alizargar J, Chang KS. Increasing Use of Telemedicine for Neurological Disorders During the COVID-19 Pandemic: A Mini-Review. *Journal of Multidisciplinary Healthcare*. 2023;16 Pages 411-418.
3. Alizargar J, Hsieh NC, Wu SV, **Weng SY**. Using the Cardio-Ankle Vascular Index (CAVI) or the Mathematical Correction Form (CAVI0) in Clinical Practice. *Int J Mol Sci*. 2020 Mar 31;21(7):2410.
4. Yin-Hsi Chang, **Shih-Yen Weng**, Sheng-Jie Shiue, Chao-Ling Cheng, Ming-Shun Wu. Hydrocele in recurrent acute pancreatitis caused by testicular venous obstruction A case report of a rare complication (CARE-compliant). *Medicine*. 2020 Mar.
5. Cheng-Hui Wang, Ting-Han Tai, **Shih-Yen Weng**, Shin-Wen Yeh, Ming-Shun Wu. (Two 1st authors). Spontaneous bacterial peritonitis caused by *Campylobacter Coliin* cirrhotic patient: A rare case report (CARE-compliant) *Medicine*. 2020 Mar 22.
6. Muhammad Ashfaq-Khan , Misbah Aslam, Muhammad Asif Qureshi, Marcel Sascha Senkowski, **Shih-Yen Weng**, Susanne Strand, Yong Ook Kim, Geethanjali Pickert, Jörn M Schattenberg, Detlef Schuppan. Dietary wheat amylase trypsin inhibitors promote features of murine non-alcoholic fatty liver disease. *Sci Rep* 2019 Nov 25;9(1):17463.
7. Alizargar J, Hsieh NC, Wu SV, **Weng SY**. Comment on Lecca, L.I.;

Portoghese, I.; Mucci, N.; Galletta, M.; Meloni, F.; Pilia, I.; Marcias, G.; Fabbri, D.; Fostinelli, J.; Lucchini, R.G.; Cocco, P.; Campagna, M. Association between Work-Related Stress and QT Prolongation in Male Workers. *J. Environ. Res. Public Health* 2019, 16, 4781.

8. Alizargar J, Bai CH, Hsieh NC, Wu SV, **Weng SY**, Wu JP. Association of Kidney Function Tests with a Cardio-Ankle Vascular Index in Community-Dwelling Individuals with a Normal or Mildly Decreased Estimated Glomerular Filtration Rate. *Medicina (Kaunas)*. 2019 Sep 29;55(10):657.
9. Cheng IC, **Weng SY**, Wu MS, Suk FM, Lien GS, Chen CN. Low-Molecular-Weight Fucoidan and High Stability Fucoxanthin Decrease Serum Alanine transaminase (ALT) in Patients with Non-alcoholic Fatty Liver Disease (NAFLD)-A Double Blind, Randomized Controlled Trial. *Advances in Digestive Medicine*. 2019 Sep; 6: 116-122
10. **Weng SY**, Wang X, Vijayan S, Tang Y, Kim YO, Padberg K, Regen T, Molokanova O, Chen T, Bopp T, Schild H, Brombacher F, Crosby JR, McCaleb ML, Waisman A, Bockamp E, Schuppan D. IL-4 Receptor Alpha Signaling through Macrophages Differentially Regulates Liver Fibrosis Progression and Reversal. *EBioMedicine*. 2018;29:92-103.
11. Wang XY, Hausding M, **Weng SY**, Kim YO, Steven S, Klein T, Daiber A, Schuppan D. Gliptins suppress inflammatory macrophage activation to mitigate inflammation and fibrosis in models of non-alcoholic steatohepatitis. *Antioxidants & Redox Signaling*. 2018;10;28(2):87-109.
12. Molokanova O, Schöning K, **Weng SY**, Wang X, Bros M, Diken M, Ohngemach S, Karsdal M, Strand D, Nikolaev A, Eshkind L, Schuppan D. Inducible knockdown of procollagen I protects mice from liver fibrosis and leads to dysregulated matrix genes and attenuated inflammation. *Matrix Biol*. 2018;66:34-49.
13. Lai CY, Liu H, Tin KX, Huang Y, Yeh KH, Peng HW, Chen HD, He JY, Chiang YJ, Liu CS, **Weng SY**, Tao MH, Yen JJ, Yang-Yen HF. Identification of UAP1L1 as a critical factor for protein O-GlcNAcylation and cell proliferation in human hepatoma cells. *Oncogene*. 2018 Aug 10, Epub ahead of print.
14. Haeberle S, Raker V, Haub J, Kim YO, **Weng SY**, Yilmaz OK, Enk A, Steinbrink K, Schuppan D, Hadaschik EN. Regulatory T cell deficient scurfy mice exhibit a Th2/M2-like inflammatory response in the skin. *J Dermatol Sci*. 2017 Sep;87(3):285-291.
15. **Weng SY**, Schuppan D. AMPK regulates macrophage polarization in adipose tissue inflammation and NASH. *J Hepatol*. 2013;58: 619-21.

16. **Weng SY**, Yang CY, Li CC, Sun TP, Tung SY, Yen JJ, Tsai TF, Chen CM, Chen SH, Hsiao M, Huang PH, Yang-Yen HF. Synergism between p53 and Mcl-1 in protecting from hepatic injury, fibrosis and cancer. *J Hepatol.* 2011;54:685-94.
17. Chen SH, Wu PS, Chou CH, Yan YT, Liu H, **Weng SY**, Yang-Yen HF. A knockout mouse approach reveals that TCTP functions as an essential factor for cell proliferation and survival in a tissue- or cell type-specific manner. *Mol Biol Cell* 2007;18:2525-32.