

CURRICULUM VITAE



Yu-Cheng Lin 林裕誠, M.D., Ph.D.

1. PRESENT POSITIONS

Visiting Physician, Department of Pediatrics, Far Eastern Memorial Hospital (亞東紀念醫院), New Taipei City, Taiwan (Since July 2002~)

Associate Professor (Since July 2016~)

2. EDUCATION

- (1) M.D., College of Medicine, National Taiwan University, 1990-1997
- (2) Ph.D., Graduate Institute of Clinical Medicine, National Taiwan University, 2011
- (3) Research fields: nonalcoholic fatty liver disease, childhood obesity, pediatric gastroenterology, hepatology, and nutrition

3. POSTDOCTORAL TRAINING

- (1) Residency training, Department of Pediatrics, National Taiwan University Hospital, 1997-2000
- (2) Training fellowship, Pediatric Gastroenterology, National Taiwan University Hospital, 2000-2002
- (3) Research fellowship, Department of Gastroenterology, Hepatology and Nutrition, Virginia Commonwealth University Medical Center, Richmond, USA. (Mentor: Prof. Arun J. Sanyal), 2008-2009
- (4) International Observership, The Healthy Weight Program, The Children's Hospital of Philadelphia, USA. 2014

4. MEMBERSHIP - SCIENTIFIC AND PROFESSIONAL SOCIETIES

- (1) Taiwan Society of Pediatric Gastroenterology, Hepatology and Nutrition
- (2) The Taiwan Pediatric Association
- (3) The Gastroenterological Society of Taiwan
- (4) The Digestive Endoscopy Society of Taiwan
- (5) Chinese Taipei Society for the Study of Obesity

5. AWARD AND ACADEMIC RESEARCH GRANTS

- (1) Young Investigator Award for best abstract submitted to the 11th Congress of the Asian Pan-Pacific Society of Pediatric Gastroenterology, Hepatology and Nutrition (APPSPGHAN) in Seoul, Korea 2009.
- (2) Ministry of Science and Technology, Taiwan, MOST 103-2314-B-418-001, The influence of autophagy on nonalcoholic fatty liver disease. 4/1/2014 to 7/31/2015.
- (3) Ministry of Science and Technology, Taiwan, MOST 104-2314-B-418-014-MY3, The influence of autophagy in nonalcoholic fatty liver disease - autophagy modulation as a potential therapeutic target. 8/1/2015 to 7/31/2018.
- (4) Ministry of Science and Technology, Taiwan, MOST 107-2314-B-418-012-MY2, The Interaction of IRGM-Mediated Autophagy and Gut Microbiota in Nonalcoholic Fatty Liver Disease. 8/1/2018 to 7/31/2020.
- (5) Ministry of Science and Technology, Taiwan, MOST 109-2314-B-418 -009 -MY3, The Regulatory Effects of Interleukin-1 Receptor-Associated Kinase 3 on Nonalcoholic Fatty Liver Disease. Mediated by the Autophagy Pathway? 8/1/2020 to 7/31/2023.

6. BIBLIOGRAPHY (relevant to pediatric NAFLD)

1. **Yu-Cheng Lin**, Chang PF, Hu FC, Chang MH, Ni YH. Variants in the *UGT1A1* gene and the risk of pediatric non-alcoholic fatty liver disease. *Pediatrics*. 2009;124(6):e1221-7.
2. **Yu-Cheng Lin**, Chang PF, Yeh SJ, Liu K, Chen HC. Risk factors associated with liver steatosis in obese children and adolescents. *Pediatrics and Neonatology*. 2010;51(3):149–54.
3. **Yu-Cheng Lin**, Chang PF, Hu FC, Yang WS, Chang MH, Ni YH. A common variant in the *PNPLA3* gene is a risk factor for nonalcoholic fatty liver disease in obese Taiwanese children. *Journal of Pediatrics*. 2011;158(5):740-4.
4. **Yu-Cheng Lin**. A feasible and effective lifestyle counseling program for obese children and adolescents. *Pediatrics & Neonatology*. 2012;53(2):77-8.
5. **Yu-Cheng Lin**, Chang PF, Chang MH, Ni YH. A common variant in the peroxisome proliferator-activated receptor- γ coactivator-1 α gene is associated with nonalcoholic fatty liver disease in obese children. *American Journal of Clinical Nutrition*. 2013;97(2):326-31.
6. **Yu-Cheng Lin**, Chang PF, Chang MH, Ni YH. Genetic variants in *GCKR* and *PNPLA3* confer susceptibility to nonalcoholic fatty liver disease in obese individuals. *American Journal of Clinical Nutrition*. 2014;99(4):869-74.
7. Chang PF, **Yu-Cheng Lin**, Liu K, Yeh SJ, Ni YH. Heme oxygenase-1 gene promoter polymorphism and the risk of pediatric nonalcoholic fatty liver disease. *International Journal of Obesity*. 2015;39(8):1236-40.
8. **Yu-Cheng Lin**, Chang PF, Lin HF, Liu K, Chang MH, and Ni YH. Variants in the autophagy related gene *IRGM* confer susceptibility to nonalcoholic fatty liver disease by modulating lipophagy. *Journal of Hepatology*. 2016;65(6):1209-1216.
9. **Yu-Cheng Lin**, Ni YH. Reply to: “Title: The IRGM rs10065172 variant increases the risk for steatosis but not for liver damage progression in Italian obese children”. *Journal of Hepatology* 2017;67(3):655-656.

10. Wong VW, Chan WK, Chitturi S, Chawla Y, Dan YY, Duseja A, Fan J, Goh KL, Hamaguchi M, Hashimoto E, Kim SU, Lesmana LA, **Yu-Cheng Lin**, Liu CJ, Ni YH, Sollano J, Wong SK, Wong GL, Chan HL, Farrell G. The Asia-Pacific Working Party on Nonalcoholic Fatty Liver Disease Guidelines 2017 Part 1: Definition, risk factors and assessment. *J Gastroenterol Hepatol*. 2018;33(1):70-85.
11. Chitturi S, Wong VW, Chan WK, Wong GL, Wong SK, Sollano J, Ni YH, Liu CJ, **Yu-Cheng Lin**, Lesmana LA, Kim SU, Hashimoto E, Hamaguchi M, Goh KL, Fan J, Duseja A, Dan YY, Chawla Y, Farrell G, Chan HL. The Asia-Pacific Working Party on Nonalcoholic Fatty Liver Disease Guidelines 2017 Part 2: Management and special groups. *J Gastroenterol Hepatol*. 2018;33(1):86-98.
12. **Yu-Cheng Lin**, Pi-Feng Chang, Mei-Hwei Chang and Yen-Hsuan Ni. Genetic Determinants of Hepatic Steatosis and Serum Cytokeratin-18 Fragment Levels in Taiwanese Children. *Liver International*. 2018;38(7):1300-1307.
13. Hong-Hsing Liu, **Yu-Chen Lin**, Chen-Shuan Chung, Kevin Liu, Ya-Hui Chang, Chung-Hsiang Yang, Yun Chen, Yen-Hsuan Ni and Pi-Feng Chang*. Integrated Counts of Carbohydrate-Active Protein Domains as Metabolic Readouts to Distinguish Probiotic Biology and Human Fecal Metagenomes. *Scientific Reports*. 2019;9(1):16836.
14. **Yu-Cheng Lin**, CC Wu, YH Ni. New Perspectives on Genetic Prediction for Pediatric Metabolic Associated Fatty Liver Disease. *Frontiers in Pediatrics*. 2020;8:603654.
15. **Yu-Cheng Lin**, Chang PF, Liu K, Chang MH, Ni YH. Predictors for incidence and remission of nonalcoholic fatty liver disease in obese children and adolescents. *J Formos Med Assoc*. 2021. doi: 10.1016/j.jfma.2021.01.004. Online ahead of print.