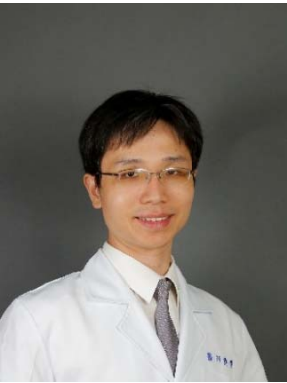


## Researcher Profile for Webpage

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Education:	Ph.D. Institute of Pharmacology, School of Medicine National Yang-Ming University, Taiwan M.D. Taipei Medical University, Taiwan			
Experience:	2017 to present    Assistant professor, Faculty of Medicine, National Yang-Ming University School of Medicine, Taiwan 2015 to present    Attending physician, Division of Gastroenterology and Hepatology, Taipei Veterans General Hospital, Taiwan 2014 to 2017        Instructor, Faculty of Medicine, National Yang-Ming University School of Medicine, Taiwan 2013 to 2015        Attending physician, Division of Medicine, National Yang-Ming University Hospital, Taiwan			
Research Interests:	Liver cirrhosis, portal hypertension			
Selected Publications (in recent 5 yr):	<ol style="list-style-type: none"> <li>1. Huang HC, Tsai MH, Lee FY, Lin TY, Chang CC, Chuang CL, <u>Hsu SJ (corresponding author)</u>, Hou MC, Huang YH. NAFLD Aggravates Septic Shock Due to Inadequate Adrenal Response and 11<math>\beta</math>-HSDs Dysregulation in Rats. <i>Pharmaceutics</i>. 2020;12. Pii: 403.</li> <li>2. <u>Hsu SJ</u>, Huang HC, Chuang CL, Chang CC, Hou MC, Lee FY, Lee SD. Dual Angiotensin Receptor and Nephilysin Inhibitor Ameliorates Portal Hypertension in Portal Hypertensive Rats. <i>Pharmaceutics</i>. 2020;12. pii: E320.</li> <li>3. Chang CC, Chuang CL, Hsin IF, <u>Hsu SJ</u>, Huang HC, Lee FY, Lee SD. A high-dose rapamycin treatment alleviates hepatopulmonary syndrome in cirrhotic rats. <i>J Chin Med Assoc</i>. 2020;83:32-40.</li> <li>4. Chang T, Ho HL, <u>Hsu SJ</u>, Chang CC, Tsai MH, Huo TI, Huang HC, Lee FY, Hou MC, Lee SD. Glucobrassicin Metabolites Ameliorate the Development of Portal Hypertension and Cirrhosis in Bile Duct-Ligated Rats. <i>Int J Mol Sci</i>. 2019;20. pii: E4161.</li> <li>5. Chang CC, Chuang CL, Tsai MH, Hsin IF, <u>Hsu SJ</u>, Huang HC, Lee FY, Lee SD. Effects of Caffeine Treatment on Hepatopulmonary Syndrome in Biliary Cirrhotic Rats. <i>Int J Mol Sci</i>. 2019;20. pii: E1566.</li> <li>6. Chang CC, Lee WS, Chuang CL, Hsin IF, <u>Hsu SJ</u>, Huang HC, Lee FY, Lee SD. Effect of ivabradine, a funny current inhibitor, on portal hypertensive rats. <i>J Chin Med Assoc</i>. 2019;82:19-24.</li> <li>7. Hsin IF, Huang HC, Chang CC, <u>Hsu SJ (corresponding author)</u>, Lee FY, Huo TI, Chuang CL, Hou MC, Lee SD. Insulin reverses major portal hypertension-related derangements in rats with liver cirrhosis and diabetes. <i>Clin Sci (Lond)</i>. 2018;132:2391-2405.</li> <li>8. Hsieh YH, Huang HC, Chang CC, Chuang CL, Lee FY, <u>Hsu SJ (corresponding author)</u>, Huang YH, Hou MC, Lee SD. Nucleos(t)ide Analogs Do Not Independently Influence Hepatic Fibrosis and Portal Hypertension beyond Viral Suppression in CBDL-Induced Cirrhotic Rat. <i>J Pharmacol Exp Ther</i>. 2018;367:260-266.</li> </ol>			

9. Chuang CL, Chang CC, Hsu SJ, Huang HC, Lee FY, Huang LJ, Lee SD. Endotoxemia-enhanced renal vascular reactivity to endothelin-1 in cirrhotic rats. *Am J Physiol Gastrointest Liver Physiol*. 2018;315:G752-G761.
10. Hsin IF, Hsu SJ, Chuang CL, Huo TI, Huang HC, Lee FY, Ho HL, Chang SY, Lee SD. The effects of proton pump inhibitor on hepatic vascular responsiveness and hemodynamics in cirrhotic rats. *J Chin Med Assoc*. 2018;81:585-592.
11. Hsu SJ, Tsai MH, Chang CC, Hsieh YH, Huang HC, Lee FY, Chuang CL, Hou MC, Lee SD. Extrahepatic angiogenesis hinders recovery of portal hypertension and collaterals in rats with cirrhosis resolution. *Clin Sci (Lond)*. 2018;132:669-683.
12. Wu KC, Huang HC, Chang T, Lee WS, Chuang CL, Hsin IF, Hsu SJ, Lee FY, Chang CC, Lee SD. Effect of sirolimus on liver cirrhosis and hepatic encephalopathy of common bile duct-ligated rats. *Eur J Pharmacol*. 2018;824:133-139.
13. Huang HC, Hsu SJ (equal contribution), Chang CC, Tsai MH, Lee FY, Hou MC, Lee SD. Beneficial Effects of Adrenal Androgen Supplement in Bleeding Cirrhotic Rats. *Shock*. 2018;50:720-728.
14. Hsu SJ, Lee JY, Lin TY, Hsieh YH, Huang HC, Lee FY, Lin HC, Hou MC, Lee SD. The beneficial effects of curcumin in cirrhotic rats with portal hypertension. *Biosci Rep*. 2017;37. pii: BSR20171015.
15. Ko MT, Huang HC, Lee WS, Chuang CL, Hsin IF, Hsu SJ, Lee FY, Chang CC, Lee SD. Metformin reduces intrahepatic fibrosis and intrapulmonary shunts in biliary cirrhotic rats. *J Chin Med Assoc*. 2017;80:467-475.
16. Chang CC, Lee WS, Chuang CL, Hsin IF, Hsu SJ, Chang T, Huang HC, Lee FY, Lee SD. Effects of raloxifene on portal hypertension and hepatic encephalopathy in cirrhotic rats. *Eur J Pharmacol*. 2017;802:36-43.
17. Tung HC, Hsu SJ (equal contribution), Tsai MH, Lin TY, Hsin IF, Huo TI, Lee FY, Huang HC, Ho HL, Lin HC, Lee SD. Homocysteine deteriorates intrahepatic derangement and portal-systemic collaterals in cirrhotic rats. *Clin Sci (Lond)*. 2017;131:69-86.
18. Ho HL, Hsu SJ, Lee FY, Huang HC, Hsin IF, Hou MC, Lee SD. Role of cyclooxygenase isoforms in encephalopathy of cirrhotic rats. *J Chin Med Assoc*. 2016;79:583-588.
19. Hsu SJ, Lin TY, Wang SS, Chuang CL, Lee FY, Huang HC, Hsin IF, Lee JY, Lin HC, Lee SD. Endothelin receptor blockers reduce shunting and angiogenesis in cirrhotic rats. *Eur J Clin Invest*. 2016;46:572-80.
20. Hsin IF, Lee JY, Huo TI, Lee FY, Huang HC, Hsu SJ, Wang SS, Ho HL, Lin HC, Lee SD. 2'-hydroxyflavanone ameliorates mesenteric angiogenesis and portal-systemic collaterals in rats with liver fibrosis. *J Gastroenterol Hepatol*. 2016;31:1045-51.
21. Hsu SJ, Wang SS, Huo TI, Lee FY, Huang HC, Chang CC, Hsin IF, Ho HL, Lin HC, Lee SD. The Impact of Spironolactone on the Severity of Portal-Systemic Collaterals and Hepatic Encephalopathy in Cirrhotic Rats. *J Pharmacol Exp Ther*. 2015;355:117-24.
22. Hsu SJ, Lee FY, Wang SS, Hsin IF, Lin TY, Huang HC, Chang CC, Chuang CL, Ho HL, Lin HC, Lee SD. Caffeine ameliorates hemodynamic derangements and portosystemic collaterals in cirrhotic rats. *Hepatology* 2015;61:1672-84.
23. Ho HL, Hsu SJ, Wang SS, Hsin IF, Lee FY, Huang HC, Lee JY, Lin HC, Lee SD. The ability of 17  $\beta$ -estradiol to attenuate intrahepatic vasoconstriction to ET-1 in female rats is lost in cirrhosis. *Ann Hepatol* 2015;14:404-13.

Names of Lab members:

Fa-Yauh Lee, Hui-Chun Huang, Ching-Chih Chang, Chiao-Lin Chuang,

\*NOTE: Keep the contents **within maximum of 2 pages**.