

本科為了提供最優質的醫療服務，同仁們無不持續精進診療技術，但是我們深深瞭解，醫學仍有許多未知，醫療仍未達盡善盡美，為了解決疑問與提升照護水準，同仁們一直致力於臨床與轉譯醫學研究，發展創新知識。自創院以來，本科陸陸續續完成多項研究，成績斐然，每年皆有同仁獲邀至國際醫學會議報告成果，也累積超過百篇論文發表在國際知名學術期刊，其中包括New England Journal of Medicine, Lancet, JAMA, Gastroenterology, Hepatology, Gut, American Journal of Gastroenterology, Endoscopy等各領域最具影響力的醫學雜誌。以下簡略列述本科各年度的學術發表概況。

## 學術期刊論文

### 2014

1. Hsu YC, Wu CY, Lane HY, Chang CY, Tai CM, Tseng CH, Lo GH, Perng DS, Lin JT, Mo LR. Determinants of hepatocellular carcinoma in cirrhotic patients treated with nucleos(t)ide analogues for chronic hepatitis B. *J Antimicrob Chemother.* 2014 (in press)
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5. Chen CJ, Tsai JW, Tai CM. Gastrointestinal strongyloidiasis. *Endoscopy.* 2014 (in press)
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7. Lo GH. Controlled trial of transcutaneous intrahepatic portosystemic shunt versus cyanoacrylate glues for gastric variceal bleeding. *Gastrointest Endosc.* 2014; 79(1): 182.
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## 國際會議報告

### 2014

1. Lin CW, et al. Enhancement of autophagy promotes hepatocyte proliferation and liver regeneration after partial hepatectomy in mice. Poster presentation on Asian-Pacific Association for the study of the Liver (APASL 2014), Brisbane, Australia. 2014.
2. Lin CW, et al. Surgical resection increases the survival of selected hepatocellular carcinoma patients in Barcelona clinic liver cancer stage C with vascular invasion. Poster presentation. 49<sup>th</sup> European Association for the Study of the Liver(EASL 2014), London, UK. 2014.

### 2013

3. Hsu YC, et al. Determinants of hepatocellular carcinoma in chronic hepatitis B patients with cirrhosis under continuous nucleos(t)ide analogues. Oral presentation (Oral Free Paper Prize) at the 21<sup>th</sup> United European Gastroenterology Week (OP234, UEGW 2013), Berlin, Germany. 2013. *United European Gastroenterology Journal 2013*. 1(1S), A71.
4. Chang CY, et al. Dynamic changes of health-related quality of life after pegylated interferon and ribavirin treatment for chronic hepatitis C. Digestive Disease Week, Orlando. 2013.
5. Wang WL, et al. Quantification of tumor infiltrating Foxp3+regulatory T cells enables the identification of high-risk patients for developing synchronous cancers over upper aerodigestive tract, Oral presentation on Taiwan digestive disease week, Taipei. 2013.
6. Wang WL, et al. Low Disabled-2 expression promotes tumor progression and independently determines poor survival and high recurrence of esophageal squamous cell carcinoma. Poster presentation on OESO 12<sup>th</sup> World Conference,

Paris. 2013.

7. Tseng CM, et al. Chromogranin A as a marker of gastroenteropancreatic neuroendocrine tumor (GEP-NET) from different organ. Poster presentation at the 7th meeting of the Society of Gastrointestinal intervention, Korea, 2013.
8. Lee MC, et al. Pituitary adenylatecyclase activating peptide (PACAP) causes human gallbladder relaxation through VPAC1 and VPAC2 receptors. Poster presentation at Digestive Disease Week (DDW 2013), Orlando, FL, USA, 2013 *Gastroenterology*, 144, 5, Supplement 1, 2013, S-742.
9. Lin CW, et al. Heavy alcohol intake increases hepatocellular carcinoma in hepatitis B virus-related cirrhosis.. Poster presentation at the 48<sup>th</sup> European Association for the Study of the Liver (2013 EASL), Netherlands, 2013.
10. Lin CW, et al. Enhanced autophagy promotes liver regeneration and hepatocyte proliferation after partial hepatectomy in mouse liver. Poster presentation at the 64<sup>th</sup> Annual Meeting of the American Association for the Study of Liver Diseases (ASSLD 2013). Washington DC, 2013.

## **2012**

11. Hsu YC, et al. Early Experience with Tenofovir for Chronic Hepatitis B in an Asian Country: real-world data from Taiwan. Poster at the 22<sup>nd</sup> conference of the Asian Pacific Association for the Study of the Liver 2012 (Taipei, Taiwan). *Hepatology International* 2012. 6(1):107
12. Hsu YC, et al. Predictive factors for mortality in patients with severe acute exacerbation of chronic hepatitis B. Poster at the 22<sup>nd</sup> conference of the Asian Pacific Association for the Study of the Liver 2012 (Taipei, Taiwan). *Hepatology International* 2012. 6(1): 133.
13. Hsu YC, et al. Long-term risk of recurrent peptic ulcer bleeding in patients with liver cirrhosis: a 10-year nationwide cohort study. Poster presentation at the 22<sup>nd</sup> conference of the Asian Pacific Association for the Study of the Liver, Taipei, Taiwan, 2012. *Hepatology International* 2012. 6(1): 294.
14. Hsu YC, et al. Role of pretreatment viral load in predicting mortality in chronic hepatitis B patients receiving antivirals for severe acute exacerbation. Oral presentation (Young Investigator's Award) at the 3<sup>rd</sup> International Forum at the 98<sup>th</sup> General Meeting of Japanese Society of Gastroenterology (Tokyo, Japan. April 21, 2012)
15. Hsu YC, et al. Remission of Diabetes Mellitus and Reduction of Diabetic Morbidity After Antiviral Treatment for Chronic Viral Hepatitis C. Oral presentation (Oral Free Paper Prize) at the 20<sup>th</sup> United European Gastroenterology Week (UEGW 2012), Amsterdam, Netherland. *Gut* 2012.

61(Suppl 3), A56.

16. Hsu YC, et al. Postoperative antiviral therapy with pegylated interferon plus ribavirin associated with reduced recurrence of hepatitis C virus-related hepatocellular carcinoma. Oral presentation at the 63 annual meeting of American Association for the Study of Liver Diseases (the Liver Meeting®) 2012 (Boston, USA). *Hepatology* 2012. 56 (4), supplement 1, 276A.
17. Chang CY, et al. Risk factors for Barrett's esophagus in an ethnic Chinese population. Digestive Disease Week, San Diego, 2012.
18. Chang CY, et al. A prospective follow-up study for patients with Barrett's esophagus in an ethnic Chinese cohort. Asian Pacific Digestive Week, Bangkok, 2012.
19. Wang WL, et al. The benefit of pre-treatment esophageal screening with image-enhanced endoscopy on the survival of patients with hypopharyngeal cancer, Poster presentation on Digestive Disease Week, San Diego, 2012
20. Wang WL, et al. The impact of human papilloma virus infection on patients with esophageal cancer, Poster presentation on Digestive Disease Week, San Diego, 2012.
21. Huang SC, et al. Natriuretic peptides cause relaxation of rat internal anal sphincter through natriuretic peptide receptor-B. Poster presentation at Digestive Disease Week (DDW 2012), San Diego, CA, USA, 2012. *Gastroenterology*, 142, 5, Supplement 1, 2012, S-901-S-902.
22. Lee MC, et al. Bile acids cause relaxation of human gallbladder through G protein-coupled bile acid receptor. Poster presentation at Digestive Disease Week (DDW 2012), San Diego, CA, USA. *Gastroenterology*, 142, 5, Supplement 1, 2012, S-307.
23. Lo GH, et al. A comparison of histoacryl injection and banding ligation in the treatment of acute GOV1 variceal hemorrhage. poster presentation at AASLD, 2012.
24. Lin CW, et al. Hepatocyte-targeted glypican 3 transgenic mice suppressed of hepatomegaly and hepatocyte proliferation induced by xenobiotic mitogens. Poster presentation at the Asian-Pacific Association for the study of the Liver, Taipei, 2012.
25. Lin CW, et al. Enhancement of autophagy ameliorates chronic ethanol-induced liver steatosis and liver injury in mouse. Poster presentation at the best poster presentation of the Liver at the Taiwan Digestive Disease, Taipei, 2012.
26. Lin CW, et al. Treatment Strategy for Hepatocellular Carcinoma with Major Portal Vein or Inferior Vena Cava Invasion. Poster presentation at the Asia-Pacific Primary Liver Cancer Expert Meeting, Shanghai, 2012.
27. Lin CW, et al. Sustained HCV response by pegylated-interferon and ribavirin

therapy decreases hepatocellular carcinoma in hepatitis B and C dually-infected patients. Oral presentation at the APASL Single Topic Conference. Ulaanbaatar, Mongolia, 2012.

28. Lin CW, et al. Antiviral nucleos(t)ide analogues therapy reduces the hepatocellular carcinoma in hepatitis B virus related cirrhosis. Poster presentation at International Liver Cancer Association, Berlin, 2012.
29. Lin CW, et al. Pharmacological Promotion of Autophagy Alleviates Steatosis and Injury in Non-alcoholic Fatty Liver in Mice. Oral presentation at the Taiwan Digestive Disease Week, Taipei, 2012.

## 2011

30. Lin CW, et al. Hepatocyte-targeted Overexpression of Glypican 3 in Mice Suppresses Hepatomegaly and Proliferation of Hepatocytes Following Treatment by Phenobarbital. Poster presentation at 46<sup>th</sup> European Association for the Study of the Liver (EASL 2011). Berlin, 2011.
31. Lin CW, et al. Hepatocyte-targeted Overexpression of Glypican 3 in Mice Suppresses Hepatomegaly and Proliferation of Hepatocytes Following Treatment by Phenobarbital. Oral presentation at American Society for Investigative Pathology annual meeting at Experimental Biology. Washington DC, 2011.
32. Lo GH, et al. A Controlled trial of vasoconstrictor plus banding ligation versus proton pump inhibitor plus banding ligation in the management of acute esophageal variceal bleeding. Oral presentation at the AASLD, 2011.
33. Lin CW, et al. The clinical impact of hepatitis B virus infection on hepatocellular carcinoma and mortality in alcoholic cirrhosis. Poster presentation at the Digestive Disease Week. Chicago, 2011.
34. Lin CW, et al. Suppression of Hepatocyte Proliferation and Hepatomegaly Induced by TCPOBOP in Hepatocyte-Targeted Glypican 3 Transgenic Mice. Poster presentation at 62<sup>st</sup> Annual Meeting of the American Association for the Study of Liver Diseases (2011 AASLD), San Francisco, 2011.
35. Lin CW, et al. Hepatocyte-targeted glypican 3 transgenic mice suppressed of hepatomegaly and hepatocyte proliferation induced by xenobiotic mitogens. Oral presentation at Taiwan Digestive Disease Week. Taipei, 2011.
36. Hsu YC, et al. Can clinical features stratify use of endoscopy for dyspeptic patients with high background prevalence of upper gastrointestinal cancer? Oral presentation (National Scholar Award) at the 19<sup>th</sup> United European Gastroenterology Week 2011 (Stockholm, Sweden). *Gut* 2011. 60(Suppl 3), A59
37. Hsu YC, et al. Entecavir versus lamivudine in the treatment of chronic hepatitis B patients with hepatic decompensation. Poster (Presidential poster of distinction)

- at the 62 annual meeting of American Association for the Study of Liver Diseases (the Liver Meeting®), 2011 (San Francisco, USA). *Hepatology* 2011. 54 (4), supplement 1, 1009A.
38. Wang WL, et al. Concomitant elevations of serum matrix metalloproteinase-3, and -9 can predict the survival of synchronous head & neck and esophageal squamous cell carcinomas, Poster presentation on Asia Pacific Digestive Week, Singapore, 2011.
  39. Wang WL, Early GI Cancer Consensus~ Optical Diagnosis Techniques for Early Gastric Cancer, Taiwan digestive disease week, Taipei, 2011.
  40. Hwang TZ, et al. Expression of endothelin-converting enzyme-1 in head and neck squamous cell carcinoma. Poster presentation at the International Symposium on Translational Cancer Research in conjunction with the 15th Annual Meeting of the Taiwan Cooperative Oncology Group, Academia Sinica, Taipei, Taiwan, 2011.
  41. Huang SC, et al. Proteinase-activated receptor-1 (PAR1) and PAR2 but not PAR4 mediate relaxation of guinea-pig internal anal sphincter. Poster presentation (Poster of Distinction) at Digestive Disease Week (DDW 2011), Chicago, Illinois, USA. *Gastroenterology*, 140, 5, Supplement 1, 2011, S-794.
  42. Huang SC, et al. Proteinase-activated receptor-1 (PAR1), PAR2 and PAR4 mediate relaxation of guinea-pig common bile duct. Poster presentation at Digestive Disease Week (DDW 2011), Chicago, Illinois, USA. *Gastroenterology*, 140, 5, Supplement 1, 2011, S-870.
  43. Chang CY, et al. Dynamic improvements in health-related quality of life after bariatric surgery: A one year follow-up. Digestive Disease Week, New Orleans, 2011.

#### **2010 and earlier**

44. Chang CY, et al. Health-Related Quality of Life in Barrett's Esophagus. Asian Pacific Digestive Week, Singapore, 2010.
45. Huang SC, et al. Bile acids cause relaxation of lower esophageal sphincter through g protein-coupled bile acid receptors. Poster presentation at Digestive Disease Week (DDW 2010), New Orleans, LA, USA. *Gastroenterology*, 138, 5, Supplement 1, 2010, S-466.
46. Lo GH, et al. Endoscopy In Hepatology: Fundamental Knowledge and Essential Updates. Oral presentation at the APASL, 2010.
47. Lo GH, et al. Physiopathology & clinical significance of PVT in cirrhosis. Oral presentation at the APDW, 2010.
48. Lo GH, et al. A controlled trial of nadolol plus isosorbide mononitrate vs. low

dose carvedilol for the prevention of variceal rebleeding. Oral presentation at AASLD, 2010.

49. Lin CW, et al. Enhanced autophagy alleviated ethanol-induced fatty liver in mouse. Oral presentation at 61st Annual Meeting of the American Association for the Study of Liver Diseases (AASLD 2010), Boston, 2010. 10: 122.
50. Wang WL, et al. Risk factors for developing synchronous esophageal cancers in head and neck cancers. Poster presentation on Digestive Disease Week, New Orleans, 2010.
51. Lo GH, et al. A randomized, controlled trial of ligation plus nadolol vs. nadolol alone in the prophylaxis of first variceal bleeding in cirrhosis. Poster presentation at the AASLD, 2009.
52. Lo GH, et al. A randomized, controlled trial of ligation plus nadolol vs. nadolol alone in the prophylaxis of first variceal bleeding in cirrhosis. Oral presentation at the UEGW, 2009.
53. Lin CW, et al. Discrimination Function > 16 combination with varices predicts mortality in hospitalized patients with alcoholic liver disease. Oral presentation on 38<sup>th</sup> Gastroenterological Society of Taiwan, Taiwan, 2008.
54. Lin CW, et al. Changing severe alcoholic liver disease in Taiwan. Poster presentation on Taiwan. 34<sup>th</sup> Gastroenterological Society of Taiwan, 2004.