

**Jung-Ta Kao, MD, PhD**  
Division of Hepato-Gastroenterology, Department of Internal Medicine  
China Medical University Hospital



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#### **RESEARCH INTERESTS**

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Cancer	Hepatology
Gastroenterology	Immunology

#### **EDUCATION**

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<b>CHINA MEDICAL UNIVERSITY, Taichung, Taiwan</b>	Sep. 2009- Jan. 2013
Graduate Institute of clinical Medical Science	
<b>KAOHSIUNG MEDICAL UNIVERSITY, Kaohsiung, Taiwan</b>	Sep. 1997-Jun. 2002
Post Baccalaureate Medicine	

#### **ACADEMIC & PROFESSIONAL EXPERIENCE**

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<b>CHANG GUNG MEMORIAL HOSPITAL, Kaohsiung, Taiwan</b>	Jul. 2002-Jun. 2007
Resident, Chief resident	
<b>CHINA MEDICAL UNIVERSITY HOSPITAL, Taichung, Taiwan</b>	Jul. 2007-present
Visiting staff (attending)	
<b>CHINA MEDICAL UNIVERSITY, Taichung, Taiwan</b>	Feb. 2012-present
Assistant Professor	

## **SKILL/QUALIFICATIONS**

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Specialist of Internal Medicine, R.O.C.	No. 007152
Specialist of Gastroendoscopist, R.O.C.	No. 1281 & No. 1450
Examiner of Taiwan Association of Medical Education	No. 1091
The Society of Internal Medicine, ROC	
The Gastroenterological Society of ROC	
The Digestive Endoscopy Society of ROC	
Taiwan Liver Cancer Association	
The Society of Ultrasound in Medicine of ROC	

## **PUBLICATIONS/ CONFERENCE PRESENTATIONS:**

Sheng-Hung Chen, Cheng-Yuan Peng, I-Ping Chang, Hsueh-Chou Lai, Chiung-Ju Lee, Wen-Pang Su, **Jung-Ta Kao**, Po-Heng Chuang. Comparison of collagen proportionate areas in liver fibrosis quantification between chronic hepatitis B and C. Medicine (Baltimore). 2016 Aug;95(35):e4736. doi: 10.1097/MD.0000000000004736.

Shu-Mei Tsai, **Jung-Ta Kao**, Yun-Fang Tsai. How Hepatitis C Patients Manage the Treatment Process of Pegylated Interferon and Ribavirin Therapy: A Qualitative Study. BMC Health Services Research. 2016 Jul 16:247.

Wang-De Hsiao, Cheng-Yuan Peng, Po-Heng Chuang, Hsueh-Chou Lai, Ken-Sheng Cheng, Jen-Wei Chou, Yang-Yuan Chen, Cheng-Ju Yu, Chun-Lung Feng, Wen-Pang Su, Sheng-Hung Chen, \***Jung-Ta Kao**. Evaluation of dose-efficacy of sorafenib and effect of transarterial chemoembolization in hepatocellular carcinoma patients: a retrospective study. BMC Gastroenterology. 2016 Apr 27;16:50.(Corresponding author)

Sheng-Hung Chen, Cheng-Yuan Peng, Hsueh-Chou Lai, I-Ping Chang, Chiung-Ju Lee, Wen-Pang Su, Chia-Hsin Lin, **Jung-Ta Kao**, Po-Heng Chuang. Head-to-Head Comparison between Collagen Proportionate Area and Acoustic Radiation Force Impulse Elastography in Liver Fibrosis Quantification in Chronic Hepatitis C. PLoS One. 2015 Oct 13;10(10):e0140554. doi: 10.1371/journal.pone.0140554. eCollection 2015.

**Jung-Ta Kao**, Chun-Lung Feng, Cheng-Ju Yu, Shu-Mei Tsai, Ping-Ning Hsu, Yao-Li Chen, Yi-Ying Wu. IL-6, through p-STAT3 rather than p-STAT1, activates hepatocarcinogenesis and affects survival of hepatocellular carcinoma patients: a cohort study. *BMC Gastroenterol.* 2015 Apr 25;15:50.

**Jung-Ta Kao**, Cheng-Ju Yu, Chun-Lung Feng, Shu-Mei Tsai, Yao-Li Chen, Yi-Ying Wu. IL-6 significantly correlates with p-STAT3 expression and presents high variceal bleeding with mortality in cirrhotic patients: A cross-sectional study. *J Microbiol Immunol Infect.* 2015 Mar 24. pii: S1684-1182(15)00719-7. doi: 10.1016/j.jmii.2015.03.001. [Epub ahead of print]

Hsueh-Chou Lai, Che-Chen Lin, Ken-Sheng Cheng, **Jung-Ta Kao**, Jen-Wei Chou, Cheng-Yuan Peng, Shih-Wei Lai, Pei-Chun Chen, Fung-Chang Sung. Increased incidence of gastrointestinal cancers among patients with pyogenic liver abscess: a population-based cohort study. *Gastroenterology.* 2014 Jan;146(1):129-37.

Sheng-Hung Chen, Yu-Fen Li, Hsueh-Chou Lai, **Jung-Ta Kao**, Cheng-Yuan Peng, Po-Heng Chuang, Wen-Pang Su, I-Ping Chian. Noninvasive assessment of liver fibrosis via spleen stiffness measurement using acoustic radiation force impulse sonoelastography in patients with chronic hepatitis B or C. *J Viral Hepat.* 2012 Sep;19(9):654-63.

Sheng-Hung Chen, Yu-Fen Li, Hsueh-Chou Lai, **Jung-Ta Kao**, Cheng-Yuan Peng, Po-Heng Chuang, Wen-Pang Su, I-Ping Chiang. Effects of patient factors on noninvasive liver stiffness measurement using acoustic radiation force impulse elastography in patients with chronic hepatitis C. *BMC Gastroenterol.* 2012 Aug 10;12(1):105.

**Jung-Ta Kao**, Hsueh-Chou Lai, Shu-Mei Tsai, Pei-Chao Lin, Po-Heng Chuang, Cheng-Ju Yu, Ken-Sheng Cheng, Wen-Pang Su, Ping-Ning Hsu, Cheng-Yuan Peng, Yi-Ying Wu. Rather than IL-27, IL-6 expresses positive correlation with liver severity in naïve hepatitis B infection patients. *Liver Int.* 2012 Jul;32(6):928-36.

**Jung-Ta Kao**, Hsueh-Chou Lai, Shu-Mei Tsai, Pei-Chao Lin, Po-Heng Chuang, Cheng-Ju Yu, Ken-Sheng Cheng, Wen-Pang Su, Ping-Ning Hsu, Cheng-Yuan Peng,

Yi-Ying Wu. Rather than IL-27, IL-6 expresses positive correlation with liver severity in naïve hepatitis B infection patients. *Liver Int.* 2012 Jul;32(6):928-36.

**Jung-Ta Kao**, Hsueh-Chou Lai, Shu-Mei Tsai, Pei-Chao Lin, Po-Heng Chuang, Cheng-Ju Yu, Ken-Sheng Cheng, Wen-Pang Su, Ping-Ning Hsu, Cheng-Yuan Peng, Yi-Ying Wu. Rather than IL-27, IL-6 expresses positive correlation with liver severity in naïve hepatitis B infection patients. *Liver Int.* 2012 Jul;32(6):928-36.

**Jung-Ta Kao**, Hsueh-Chou Lai, Shu-Mei Tsai, Pei-Chao Lin, Po-Heng Chuang, Cheng-Ju Yu, Ken-Sheng Cheng, Wen-Pang Su, Ping-Ning Hsu, Cheng-Yuan Peng, Yi-Ying Wu. Rather than IL-27, IL-6 expresses positive correlation with liver severity in naïve hepatitis B infection patients. *Liver Int.* 2012 Jul;32(6):928-36.

Cheng-Yuan Peng, Hsueh-Chou Lai, Yu-Fen Li, Wen-Pang Su, Po-Heng Chuang, **Jung-Ta Kao**. Early serum HBsAg level as a strong predictor of sustained response to peginterferon alfa-2a in HBeAg-negative chronic hepatitis B. *Aliment Pharmacol Ther.* 2012 Feb;35(4):458-68.

**Jung-Ta Kao**, Chung-Mou Kuo, Yi-Chun Chiu, Chi-Sin Changchien, Chung-Huang Kuo. Congenital anomaly of low insertion of cystic duct: endoscopic retrograde cholangiopancreatography findings and clinical significance. *Journal of Clinical Gastroenterology.* 2011 Aug;45(7):626-9.

Yi-Ying Wu, Jiunn-Horng Chen, **Jung-Ta Kao**, Kuo-Ching Liu, Chih-Ho Lai, Yuan-Min Wang, Chin-Tung Hsieh, Jason T. C. Tzen, Ping-Ning Hsu. Expression of CD25<sup>high</sup> Regulatory T Cells and PD-1 in Gastric Infiltrating CD4<sup>+</sup> T Lymphocytes in Patients with *Helicobacter pylori* Infection *Clin Vaccine Immunol.* 2011 Jul;18(7):1198-201.

Yuan-Min Wang, Tzu-Li Lu, Ping-Ning Hsu, Chih-Hsin Tang, Jiunn-Horng Chen, Kuo-Ching Liu, **Jung-Ta Kao**, Jason T.C. Tzen, Yi-Ying Wu. Ribosome inactivating protein B-chain induces osteoclast differentiation from monocyte/macrophage lineage precursor cells. *Bone.* 2011 Jun 1;48(6):1336-45.

Ping-Ning Hsu, Tsuey-Ching Yang, **Jung-Ta Kao (co-first author)**, Ken-Sheng Cheng, Yi-Ju Lee, Yuan-Min Wang, Chin-Tung Hsieh, Cheng-Wen Lin, Yi-Ying Wu. Increased PD-1 and Decreased CD28 Expression in Chronic Hepatitis B Patients with Advanced Hepatocellular Carcinoma. *Liver Int.* 2010 Oct;30(9):1379-86.

Jing-Yi Chen, Jui-Chin Chiang, Sheng-Nan Lu, Shu-Fen Hung, **Jung-Ta Kao**, Yi-Hao Yen, Jing-Houng Wang. Changing prevalence of anti-hepatitis A virus in adolescents in a rural township in Taiwan. *Chang Gung Med J.* 2010 May-Jun;33(3):321-6.

**Jung-Ta Kao**, Jing-Houng Wang, Chao-Hung Hung, Yi-Hao Yen, Shu-Fen Hung, Tsung-Hui Hu, Chuan-Mo Lee, Sheng-Nan Lu. Long-term efficacy of plasma-derived and recombinant hepatitis B vaccines in a rural township of Central Taiwan. *Vaccine.* 2009 Mar. 27(12):1858-1862.

**Jung-Ta Kao**, Jing-Houng Wang, Chao-Hung Hung, Tsung-Hui Hu, Chuan-Mo Lee, Shu-Fen Hung and Sheng-Nan Lu. Changing aetiology of liver dysfunction in the new generation of a hepatitis B and C-endemic area: cross-sectional studies on adolescents born in the first 10 years after universal hepatitis B vaccination. *Liver Int.* 2008 Nov;28(9):1298-304.

**Jung-Ta Kao**, Seng-Kee Chuah, Chao-Cheng Huang, Chao-Long Chen, Chih-Chi Wang, Chao-Hung Hung, Chien-Hung Chen, Jing-Houng Wang, Sheng-Nan Lu, Chuan-Mo Lee, Chi-Sin Changchien and Tsung-Hui Hu. P21/WAF1 is an independent survival prognostic factor for patients with hepatocellular carcinoma after resection. *Liver Int.* 2007 Aug;27(6):772-81.