	The 11 <sup>th</sup> International Pancreatic Can	cer Conference,	
	Commemorative Lecture of Pin	ı-Wen Lin	
and 2018 Cancer Biology Symposium			
Time	Topic	Speaker	Moderator
Jun 08 th	Opening:		
15:10-	1. Dean of College of Medicine, NCKU: Jang-Yang Chang (張俊彦)		
15:30	2. Superintendent of NCKUH: Chyun-Yu Yang (楊俊佑)		
	3. Chief of Taiwan Pancreas Society: Chia-Long Lee (李嘉龍)		
	4. Vice Superintendent of NCKUH: Jenq-Chang Lee (李政	[昌]	
	5. Distinguished Investigator and Director, National Institu	ite of Cancer Research,	NHRI
	: Li-Tzong Chen (陳立宗)		
	Young Investigator Award of Hsu-Yen Educ	cation Foundation	<u></u>
15:30-	The development of animal model for pancreatic cancer	Kuang-Hung	Jaw-Town Lin
16:10	research	Cheng	(林肇堂)
		(鄭光宏)	Ta-Sen Yeh
			(葉大森)
	Memory Lecture of Pin-Wen Lin: Award fo	or Annual Lecture	
16:20-	My journey in IPMN: establishing guideline and future	Masao Tanaka	Lein-Ray Mo
17:10	perspectives	(田中雅夫)	(牟聯瑞)
			Chia-Long Lee
			(李嘉龍)
18:30	Chairman Dinner		
June 9 <sup>th</sup>	Session 1: Surgery for Pancrea	tic Cancer	<u></u>
08:30-	Keynotes: The applications and indications of Robot in	Ugo Boggi	Yi-Ming Shyr
09:10	pancreatic surgery		(石宜銘)
09:10-	Surgery for locally advanced pancreatic cancer	Masaru Miyazaki	Yu-Wen Tien
09:40		(宮崎 勝)	(田郁文)
09:40-	Surgical evolution of pancreatectomy for pancreatic	Ta-Sen Yeh	King-Teh Lee
10:10	cancer A surgeon's puzzle	(葉大森)	(李金德)
10:10-	Surgery for stage 4 pancreatic cancer patients after	Yan-Shen Shan	Cheng-Hsi Su
10:40	downstaging chemotherapy	(沈延盛)	(蘇正熙)
	Coffee break		l
	Session 2: Chemotherapy for Pancre	atic Cancer	
10:45-	The adjuvant chemotherapy after resection	Li-Yuan Bai (白禮	Li-Tzong Chen
11:15		源)	(陳立宗)
11:15-	The 1 <sup>st</sup> line chemotherapy, which is better? Taiwan's	Nai-Jung Chiang	Wu-Chou Su

11:45	experience	(姜乃榕)	(蘇五洲)
11:45-	The 2 <sup>nd</sup> line chemotherapy in Japan and future perspectives	Junji Furuse (古瀬	
12:15		純司)	
12:15 –	Lunch (4F restaurant) and Po	est section	
13:30	(moderator: Ying-Jui Chao (趙盈瑞) and Huang Po-Hsien (黃柏憲)		
	Session 3: Tumor Microenvironment of Pane	creatic Cancer	
13:30-	Protracted low-dose chemotherapy enhances anti-tumor	Kelvin Tsai (蔡坤	Jang-Yang Chang
14:00	efficacy in pancreatic cancer by sparing tumor stroma,	志)	(張俊彦)
	stemness and immunity		Yee Chao
14:00-	Precision Therapy for GI cancer	Kohei Shitara	(趙毅)
14:30			
	Molecular Epidemiology and Clinica	al Trial	
14:30-	Prospective epidemiology study of pancreatic cancer	Shu-Ming Chang	Lein-Ray Mo
15:00		(張書銘)	(牟聯瑞)
15:00-	The Taiwan Clinical Trial Consortium for pancreatic cancer	Li-Tzong Chen	Yan-Shen Shan
15.00		(陳立宗)	(沈延盛)
15:30		(水並水)	(100)
15:30	Coffee break		
	Coffee break ion 4: Inflammation and Metabolic Alteration in Tumorige		
Sess	ion 4: Inflammation and Metabolic Alteration in Tumorige	nesis and Therapeuti	c Implication
Sess 15:40-	ion 4: Inflammation and Metabolic Alteration in Tumoriger  Roles of exosomes in chemoresistance and	nesis and Therapeuti Hua-Jung Li	ic Implication  Neng-Yao Shih
Sess. 15:40-16:10	Roles of exosomes in chemoresistance and desmoplasia of tumors	nesis and Therapeuti Hua-Jung Li (李華容)	ic Implication  Neng-Yao Shih (施能耀)
Sess. 15:40- 16:10 16:10-	Roles of exosomes in chemoresistance and desmoplasia of tumors  Engineering New Multimodality Photoacoustic	nesis and Therapeuti Hua-Jung Li (李華容) Lun-De Liao	ic Implication  Neng-Yao Shih (施能耀)  Wen-Chun Hung
Sess. 15:40- 16:10 16:10-	Roles of exosomes in chemoresistance and desmoplasia of tumors  Engineering New Multimodality Photoacoustic Microscopy for <i>In-Vivo</i> Tumor Microenvironment	nesis and Therapeuti Hua-Jung Li (李華容) Lun-De Liao	ic Implication  Neng-Yao Shih (施能耀)  Wen-Chun Hung
Sess 15:40- 16:10 16:10- 16:40	Roles of exosomes in chemoresistance and desmoplasia of tumors  Engineering New Multimodality Photoacoustic Microscopy for <i>In-Vivo</i> Tumor Microenvironment Assessment: A Pilot Study	nesis and Therapeuti Hua-Jung Li (李華容) Lun-De Liao (廖倫德)	ic Implication  Neng-Yao Shih (施能耀)  Wen-Chun Hung
Sess 15:40- 16:10 16:10- 16:40-	Roles of exosomes in chemoresistance and desmoplasia of tumors  Engineering New Multimodality Photoacoustic Microscopy for <i>In-Vivo</i> Tumor Microenvironment Assessment: A Pilot Study  Rab37 mediates exosomal osteopontin secretion to promote	Hua-Jung Li (李華容) Lun-De Liao (廖倫德) Ya-Chin Hou (侯雅琴)	ic Implication  Neng-Yao Shih (施能耀)  Wen-Chun Hung
Sess. 15:40- 16:10 16:10- 16:40 17:10	Roles of exosomes in chemoresistance and desmoplasia of tumors  Engineering New Multimodality Photoacoustic Microscopy for <i>In-Vivo</i> Tumor Microenvironment Assessment: A Pilot Study  Rab37 mediates exosomal osteopontin secretion to promote pancreatic cancer metastasis and stemness	Hua-Jung Li (李華容) Lun-De Liao (廖倫德) Ya-Chin Hou (侯雅琴)	Neng-Yao Shih (施能耀) Wen-Chun Hung (洪文俊)
Sess 15:40- 16:10 16:10- 16:40- 17:10 18:30	Roles of exosomes in chemoresistance and desmoplasia of tumors  Engineering New Multimodality Photoacoustic Microscopy for <i>In-Vivo</i> Tumor Microenvironment Assessment: A Pilot Study  Rab37 mediates exosomal osteopontin secretion to promote pancreatic cancer metastasis and stemness  Gala Dinner and Post award of Hsu-Yen Educ	Hua-Jung Li (李華容) Lun-De Liao (廖倫德) Ya-Chin Hou (侯雅琴)	Neng-Yao Shih (施能耀) Wen-Chun Hung (洪文俊)
Sess 15:40- 16:10 16:10- 16:40- 17:10 18:30 Jun 10 <sup>th</sup>	Roles of exosomes in chemoresistance and desmoplasia of tumors  Engineering New Multimodality Photoacoustic Microscopy for <i>In-Vivo</i> Tumor Microenvironment Assessment: A Pilot Study  Rab37 mediates exosomal osteopontin secretion to promote pancreatic cancer metastasis and stemness  Gala Dinner and Post award of Hsu-Yen Educ	Hua-Jung Li (李華容) Lun-De Liao (廖倫德) Ya-Chin Hou (侯雅琴) cation Foundation	Neng-Yao Shih (施能耀) Wen-Chun Hung (洪文俊)
Sess 15:40- 16:10 16:10- 16:40 17:10 18:30 Jun 10 <sup>th</sup> 09:00-	Roles of exosomes in chemoresistance and desmoplasia of tumors  Engineering New Multimodality Photoacoustic Microscopy for <i>In-Vivo</i> Tumor Microenvironment Assessment: A Pilot Study  Rab37 mediates exosomal osteopontin secretion to promote pancreatic cancer metastasis and stemness  Gala Dinner and Post award of Hsu-Yen Educ	Hua-Jung Li (李華容) Lun-De Liao (廖倫德) Ya-Chin Hou (侯雅琴) cation Foundation	Neng-Yao Shih (施能耀) Wen-Chun Hung (洪文俊)
Sess 15:40- 16:10 16:10- 16:40 16:40- 17:10 18:30 Jun 10 <sup>th</sup> 09:00- 09:30	Roles of exosomes in chemoresistance and desmoplasia of tumors  Engineering New Multimodality Photoacoustic Microscopy for <i>In-Vivo</i> Tumor Microenvironment Assessment: A Pilot Study  Rab37 mediates exosomal osteopontin secretion to promote pancreatic cancer metastasis and stemness  Gala Dinner and Post award of Hsu-Yen Education Session 5: The Management of Pan Modern pathology in neuroendocrine tumor	Hua-Jung Li (李華容) Lun-De Liao (廖倫德) Ya-Chin Hou (侯雅琴) cation Foundation creatic Neuroendocreatic Neuroendoc	Neng-Yao Shih (施能耀) Wen-Chun Hung (洪文俊)  Fine Tumors  Kung-Chao Chang (張孔昭)
Sess 15:40- 16:10 16:10- 16:40- 17:10 18:30 Jun 10 <sup>th</sup> 09:00- 09:30 09:30-	Roles of exosomes in chemoresistance and desmoplasia of tumors  Engineering New Multimodality Photoacoustic Microscopy for <i>In-Vivo</i> Tumor Microenvironment Assessment: A Pilot Study  Rab37 mediates exosomal osteopontin secretion to promote pancreatic cancer metastasis and stemness  Gala Dinner and Post award of Hsu-Yen Education Session 5: The Management of Pan Modern pathology in neuroendocrine tumor	Hua-Jung Li (李華容) Lun-De Liao (廖倫德) Ya-Chin Hou (侯雅琴) cation Foundation creatic Neuroendocreatic Neuroendoc	Neng-Yao Shih (施能耀) Wen-Chun Hung (洪文俊)  Tine Tumors  Kung-Chao Chang (張孔昭) Shu-Ming Chang
Sess 15:40- 16:10 16:10- 16:40- 17:10 18:30 Jun 10 <sup>th</sup> 09:00- 09:30 09:30-	Roles of exosomes in chemoresistance and desmoplasia of tumors  Engineering New Multimodality Photoacoustic Microscopy for In-Vivo Tumor Microenvironment Assessment: A Pilot Study  Rab37 mediates exosomal osteopontin secretion to promote pancreatic cancer metastasis and stemness  Gala Dinner and Post award of Hsu-Yen Educ Session 5: The Management of Pan Modern pathology in neuroendocrine tumor  The epidemiologic trend in NETs.	Hua-Jung Li (李華容) Lun-De Liao (廖倫德) Ya-Chin Hou (侯雅琴) cation Foundation creatic Neuroendocreatic Neuroendoc	Neng-Yao Shih (施能耀) Wen-Chun Hung (洪文俊)  Tine Tumors  Kung-Chao Chang (張孔昭) Shu-Ming Chang

10:45-	Biotherapy for P-NET	Chia-Jui Yen	Kun-Ming Rau
11:15		(顏家瑞)	(饒坤銘)
11:15-	Where we go in the management of neuroendocrine tumor?	Tsann-Long Hwang	Yi-Yin Jan
11:45		(黄燦龍)	(詹益銀)
11:45-	Closing remark		Yan-Shen Shan
11:55			(沈延盛)
Please submit post to the mail address: ncku013@gmail.com			

會場: 6/08: 國衛院何曼德講堂 (台南市勝利路 367 號 B1F)

6/09-6/10 成大醫學院第四講堂 (台南市勝利路 138 號 2F)

#### 學會教育積分:(申請中)

台灣外科醫學會、台灣內科醫學會、台灣消化系外科醫學會、台灣消化系內視鏡醫學會、台灣消化系醫學會、中華民國醫用超音波醫學會、中華民國放射線醫學會、中華民國癌症醫學會



# 第十一屆胰臟癌國際研討會暨林炳文教授紀念演講會及 2018 年腫瘤生物學研討會報名表

身份類別(請勾選)	住院醫師	三主治醫師	其它
姓名			
性別(請勾選)	男	<del>女</del>	
報名日期(請勾選)	□6/8 □6/9 [	□6/10(上午) [	]6/10(下午)
服務單位/部門			
電話號碼			
行動電話			
電子信箱			
午餐(請勾選)	□用餐(葷)	□用餐(素)	

#### 報名方式

\*傳真報名:請填妥報名表後,將報名表傳真至(06)2766676。

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# 注意事項

\*場地名額有限,額滿為止,請於5月31日以前完成報名手續。

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# Name: Kuang-hung Cheng (鄭光宏),

Office Address: IR4010, Biomedical Science Institute, 70 Lien-Hai Rd, Kaohsiung,

Taiwan 807

E-mail: khcheng@faculty.nsysu.edu.tw

**Tel:** 07-5252000 ext 5817

#### **EDUCATION:**

**Ph.D.** in Pathology and Laboratory Medicine, Boston University School of Medicine, Boston, MA USA (2004)

**M.S.** in Molecular Biology, National Chung Hsing University, Taichung, Taiwan (1995)

**B.S.** in Technology for Medical Sciences, Kaohsiung Medical College, Kaohsiung, Taiwan (1992)

#### **APPOINTMENTS:**

8/2014-Present Associate Professor, Graduate Institute of Biomedical Science

National Sun Yat-Sen University

Kaohsiung, Taiwan

8/2008-7/2014 Assistant Professor, Graduate Institute of Biomedical Science

National Sun Yat-Sen University

Kaohsiung, Taiwan

1/2007-7/2008 Research fellow, Department of Pathology,

Brigham and Women's Hospital/Harvard

Medical School, Boston, MA USA

1/2005-1/2007 Research fellow, Cancer Center, Department of Medicine,

Massachusetts General Hospital/ Harvard

Medical School, Boston, MA USA

#### **AWARDS AND HONORS:**

**2008** Ruth L. Kirschstein National Research Service Award Fellowship (2<sup>nd</sup> year),

USA

2007 Program of Excellence Award, the Ovarian Cancer Research Fund, Inc., USA

2007 Ruth L. Kirschstein National Research Service Award Fellowship, USA

2004 10th Russek Student Achievement Awards (Honorable Mention), Boston University School of Medicine, USA

**2003** Best Poster Award, First Annual Retreat, Department of Genetics and Genomics, Boston University School of Medicine, USA

# Masao Tanaka, MD, PhD, FACS (田中雅夫)

1974 Graduated from Kyushu University (MD)

1974-1985 Surgical and endoscopic training in Kyushu University and affiliated hospitals

1992- 2015 Professor and Chairman, Department of Surgery and Oncology, Kyushu University, Fukuoka

2015-, Chief Director, Shimonoseki City Hospital, Shimonoseki

**PhD** Kyushu University 1984, **German PhD** Heidelberg University 1988.

**President** Asian-Oceanic Pancreatic Association; **Past President** Japan Pancreas Society (2005-2012), Japan Surgical Society Annual Congress (2009), International Association of Pancreatology (2010), Asian-Paciffic HepatoPancreatoBiliary Association (2007); **Director** Japanese Society of Gastroenterological Endoscopy

Associate Editor Emeritus, Pancreas, Chief Editor, Biliary tract and Pancreas

**Research Interest** GI/biliary motility, diagnostic/therapeutic biliary/pancreatic endoscopy, laparoscopic surgery, IPMN, pancreatic cancer

#### **Selected Bibliography**

- 1. Tanaka M. IPMN as the main focus for early detection of pancreatic adenocarcinoma. *Pancreas* 2018, in press
- 2. Tanaka M. Editorial: IPMN as the focus for early detection of pancreatic cancer. *Gastroenterology* 2018;154:475–8
- 3. Tanaka M, et al. Revisions of international consensus Fukuoka guidelines for the management of IPMN of the pancreas. *Pancreatology*. 2017;17:738-53
- 4. Tanaka M, et al. International consensus guidelines 2012 for the management of IPMN and MCN of the pancreas. *Pancreatology* 2012;12:183-97
- 5. Tanaka M. Controversies in the management of pancreatic IPMN. *Nature Rev Gastroenterol Hepatol* 2011;8:56–60
- 6. Tanaka M, et al. International consensus guidelines for management of IPMNs and MCNs of the pancreas. *Pancreatology* 2006;6:17-32

#### **CURRICULUM VITAE**

Name: Ta-Sen Yeh, MD, Ph D

Professor

Deputy director of Department of Surgery, Chang Gung Memorial Hospital at Linkou, Taiwan



#### **Education:**

1. Ph D, Medical College, Chang Gung University	1995- 2001
2. MD, China Medical College, Taichung	1982 - 1989
3. Bachelor, Power Mechanical Engineering,	
National Tsing- Hua University, Hsinchu	1976 - 1980
<b>Employment record:</b>	
1. Surgical Resident, Chang Gung Memorial Hospital	1989-1994
2. Attending Staff, Chang Gung Memorial Hospital, Taipei	1994 – until now
3. Assistant professor, Chang Gung Memorial Hospital, Taipei	1996-2001
4. Associate professor, Chang Gung Memorial Hospital, Taipei	2005-2008
5. Professor, Department of Surgery, Chang Gung	2008- until now
Memorial Hospital, Taipei	

#### **Expertise**

- 1. Hepatobiliary-pancreatic surgery and translation research
- 2. Minimally invasive surgery

#### **Selected bibliography** (\* corresponding author)

- 1. **Yeh TS,** Jan YY, Chen MF. Roux loop obstruction after pancreaticoduodenectomy. Br J Surg 1997;84:323-4.
- 2. **Yeh TS**, Jan YY, Jeng LB, et al. Pancreaticojejunal anastomotic leak following pancreaticoduodenectomy. Multivariates analysis of perioperative risk factors. J Surg Res 1997; 67:119-25.
- 3. **Yeh TS**, Jan YY, Jeng LB, et al. Pyogenic liver abscess in patients with malignancy. A report of 52 cases treated at a single institute. Arch Surg 1998; 133:242-5.
- 4. Jan YY, **Yeh TS**,\* Chen MF. Cholangiocarcinoma presenting as pyogenic liver abscess. Is its outcome influenced by concomitant hepatolithiasis. Am J Gastroenterol 1998;93:253-5.

- 5. **Yeh TS**, Jan YY, Tseng JH, et al. Value of magnetic resonance cholangio-pancreatography in demonstrating major bile duct injury following laparoscopic cholecystectomy. Br J Surg 1999;86:181-4
- 6. **Yeh TS**, Jan YY, Tseng JH, et al. Malignant perihilar biliary obstruction: MRCP findings. Am J Gastroenterol 2000;95: 432-40
- 7. **Yeh TS**, Jan YY, Chiu CT, et al. Characterisation of oestrogen receptor, progesterone receptor, trefoil factor 1, and epidermal growth factor and its receptor in pancreatic cystic neoplasms and pancreatic ductal adenocarcinoma. Gut, 2002;51:712-6.
- 8. Jan YY, **Yeh TS**,\* Yeh CN, et al. Expression of epidermal growth factor receptor, apomucins, matrix metalloproteinases, and p53 in rat and human cholangiocarcinoma. Appraisal of animal model for cholangiocarcinoma. Ann Surg 2004;240:89-94
- 9. **Yeh TS,** Ho YP, Huang SF, et al. Thalidomide salvages lethal hepatic necroinflammation and accelerates recovery from cirrhosis in rats. J Hepatol 2004;41:606-12.
- 10. **Yeh TS**, HoYP, CT Chiu, et al. Aberrant expression of *cdx2* homeobox gene in intraductal papillary-mucinous neoplasm of the pancreas but not in pancreatic ductal adenocarcinoma. Pancreas 2005:30:233-8.
- 11. **Yeh TS,** Tseng JH, Liu NJ, et al. Significance of cellular distribution of ezrin in pancreatic cystic neoplasms and ductal adenocarcinoma. Arch Surg 2005; 140: 1184 -90.
- 12. **Yeh TS**, Tseng JH, MD, Chen TC, et al. Characterization of intraductal growth type intrahepatic cholangiocarcinoma and its precursor. Hepatology 2005; 42: 657-64.
- 13. **Yeh TS**, Tseng JH, Chiu CT, et al. Cholangiographic spectrum of intraductal papillary mucinous neoplasm of the bile ducts. Ann Surg 2006;244:248-53.
- 14. Liu MS, Yang PY, **Yeh TS**\*. Sonic hedgehog signaling pathway in pancreatic cystic neoplasms and ductal adenocarcinoma. Pancreas 2007;34:340-6.
- 15. Lieu KH, Liao LM, **Yeh TS\***, et al. Thalidomide attenuates tumor growth and preserves fast-twitch skeletal muscle fibers of cholangiocarcinoma rats. Surgery 2008;143:375-83.
- 16. Lin KJ, Liao CH, Hsiao IT, Yen TC, Chen TC, **Yeh TS\***. Improved hepatocyte function of future liver remnant of cirrhotic rats after portal vein ligation: a bonus other than volume shifting. Surgery 2009;145:202-11.
- 17. Hsiao IT, Lin KJ, Chang SI, Yen TC, Chen TC, **Yeh TS.\*** Impaired liver regeneration of steatotic rats after portal vein ligation: particular emphasis on <sup>99m</sup>Tc-DISIDA scintigraphy and adiponectin signaling. J Hepatol 2010;52:540-9
- 18. Cheng CT, Tsai CY, Hsu JT, Vinayak R, Liu KH, Yeh CN, Yeh TS\*, et al.

- Aggressive Surgical Approach for Patients with T4 Gastric Carcinoma: Promise or Myth? Ann Surg Oncol. 2011;18:1606-14
- 19. Hsu JT, Chen TC, Tseng JH, Chiu CT, Liu KH, Yeh CN, Hwang TL, Jan YY, Yeh TS.\* Impact of HER-2 overexpression/amplification on the prognosis of gastric cancer patients undergoing resection: A single-center study of 1,036 patients. Oncologist 2011;16:1706-13.
- 20. Chen TC, Jan YY, **Yeh TS.\*** K-ras mutation is strongly associated with perineural invasion and represents an independent prognostic factor of intrahepatic cholangiocarcinoma after hepatectomy. Ann Surg Oncol 2012, S3:S675-81
- 21. Bang YJ, Kim YW, Yang HK, Chung HC, Park YK, Lee KH, Lee KW, Kim YH, Noh SI, Cho JY, Mok YJ, Ji Jiafu, **Yeh TS**, et al. Adjuvant capecitabine and oxaliplatin for gastric cancer after D2 gastrectomy (CLASSIC): a phase 3 open-label, randomised controlled trial. The Lancet, 2012;379: 315-21.
- 22. **Yeh TS,\*** Wang F, Chen TC, et al. Expression profile of microRNA-200 family in hepatocellular carcinoma with bile duct tumor thrombus. Ann Surg 2014;259: 346-54.
- 23. Chu CH, Chou W, Wang F, Yeh CN, Chen TC, Yeh TS.\* Expression profile of microRNA-200 family in cholangiocarcinoma arising from choledochal cyst. J Gastroenterol Hepatol 2016;31:1052-9.
- 24. Tsai CY, Liu YY, Liu KH, Hsu JT, Chen TC, Chiu CT, Yeh TS.\* Comprehensive profiling of virus microRNAs of Epstein-Barr virus-associated gastric carcinoma --- highlighting the interactions of ebv-Bart9 and host tumor cells. J Gastroenterol Hepatol 2017;32:82-91
- 25. Liu YY, Fang WL, Wang F, Hsu JT, Tsai CY, Liu KH, Yeh CN, Chen TC, Wu RC, Chiu CT, Yeh TS.\* Does a higher cutoff value of lymph node retrieval substantially improve survival in patients with advanced gastric cancer?-Time to embrace new digit. Oncologist. 2017;22(1):97-106.



# **English Name** : Yan-Shen Shan

(Also name Yen-Sheng Shen) Birth Day: 1963, Mar. 17

Chinese Name 中文姓名:沈延盛 生日:中華民國 52 年 3 月 17 日

#### Specialty (專長) and Study Field:

Gastrointestinal Medicine, Surgical Oncology, Cancer biology (tumor microenvironment), Regeneration medicine (liver and pancreas regeneration), Traumatology, Surgical nutrition and infection

#### **Current Position:**

2017.08- Director, Institute of Clinical Medicine, National Cheng Kung University

2016.08- Director, Department of Clinical Medical Research, National Cheng Kung University Hospital

2010.10- Convener of UGI Cancer, National Cheng Kung University Hospital

#### **Education:**

2006.11-2007.08 Visiting Scholar of University of Pennsylvenia and Thomas Jefferson Hospital, USA

1998.09-2004.06 Ph.D., Clinical Medicine, National Cheng Kung University
 1988.09-1993.06 M.D., School of Medicine, National Cheng Kung University
 1981.09-1985.06 B.D., Department of Rehabilitation Medicine, National Taiwan University

#### **Research Experience:**

2016.8- Distinguished Professor, Institute of Clinical Medicine, National Cheng Kung University

2012.8- Professor, Institute of Clinical Medicine, National Cheng Kung University

2012.8- Professor, Department of Surgery, National Cheng Kung University

2010.08-2016.06 Chief of Division of Trauma, Department of Surgery, NCKUH

2010.8- Associate professor, Institute of Clinical Medicine, National Cheng Kung University

2008.8- Clinical Associate professor, Department of Surgery, National Cheng Kung University

2002.8- Clinical Assistant professor, Department of Surgery, National Cheng Kung University

1998.8- Visiting Surgeon, Department of Surgery, National Cheng Kung University Hospital

#### **Services:**

- 1. Director, Institute of Clinical Medicine, National Cheng Kung University (Aug, 2017-present).
- 2. Director, Department of Clinical Medical Research, National Cheng Kung University Hospital (Aug, 2016-present).
- 3. Distinguished Professor, Institute of Clinical Medicine, College of Medicine, National Cheng Kung University 2016.
- 4. Supervisors, The 1<sup>st</sup> to 10<sup>th</sup> International Pancreatic Cancer Conference, Commemorative Lecture of Pin-Wen Lin and 2017 Cancer Biology Symposium (2008-2017).
- 5. Member of a council, International Association of Surgeon and Gastrpenterologists.
- 6. Member of a council, The American Society of Clinical Oncology.
- 7. Member of a council, Asia-Ocean Pancreatic Association (AOPA).
- 8. Member of a council, Formosan Association of Surgery.
- 9. Member of a council, Taiwan Surgical Society of Gastroenterology.
- 10. Member of a council, Taiwan Pancreas Society.
- 11. Member of a council, Taiwan Society of Endoscopic Surgery.
- 12. Member of a council, Taiwan Oncology Society.
- 13. Member of a council, Taiwan Society for Metabolic and Bariatric Surgery.
- 14. 中華民國考試院典試外科學出題委員(2016, 2017)

#### **Awards and Honors:**

- 1. 2018 Cancer Outstanding Research Award of Chien-Tien Hsu Cancer Research Foundation (107年度徐千田癌症研究傑出獎)
- 2. 2017 The best top three researcher of NCKUH.
- 3. 2017 The Best Paper Award of Cheng-Hsing Medical Foundation.
- 4. 2016 The Best Paper Award of College of Medicine, National Cheng Kung University.
- 5. 2016 The Best Paper Award of International College of Surgeons, 1st.
- 6. 2016 Encouraging Publishing International Top Journal of National Cheng Kung University (國立成功大學鼓勵發表國際頂尖期刊獎勵, Lancet).
- 7. 2016 Travel award of K. T. Li Foundation of the Development of Science and Technology (李國鼎基金會補助國際會議).
- 8. 2015 Excellence Attending physician of National Cheng Kung University Hospital (成大醫院104年度傑出主治醫師).
- 9. 2015 The Annual Best Researcher of the Department of Surgery of National Cheng Kung Medical Center.
- 10. 2014 The Best Paper Award of International College of Surgeons (2014),

- excellent paper.
- 11. 2014 The 51<sup>th</sup> JSSMN Travel award (instructor).
- 12. 2014 Merit award of the 11<sup>th</sup> Asian Clinical Oncology Society (ACOS).
- 13. 2014 The Annual Best Researcher of the Department of Surgery of National Cheng Kung Medical Center.
- 14. 2013 Paper Award of International College of Surgeons, 1st.
- 15. 2013 The Annual Best Researcher of the Department of Surgery of National Cheng Kung Medical Center.
- 16. 2012 Ann Surg Association, Vedio competition Award, 2nd (runner-up), (Instructor).
- 17. 2012 The Best Paper Award of International College of Surgeons, 1st.
- 18. 2011 Abstract award, 2nd (Runner-up) in the 9th Asia-Pacific Oncology Summit.
- 19. 2011-2017 Ministry of Science and Technology Talent Subsidy Incentives by Faculty Members and Researchers (榮獲科技部100-105年度補助大專校院獎勵特殊優秀人才措施獎勵).
- 20. 2010 Paper Award of International College of Surgeons, 4rd (Instructor).
- 21. 2009 46<sup>th</sup> JSSMN Travel award (Instructor).
- 22. 2009 Paper Award of International College of Surgeons (Instructor).
- 23. 2008 Post of Distinction of Digestive Disease Week, USA.
- 24. 2008 The Best Paper of the year of National Cheng Kung University Hospital, 2nd (Instructor).
- 25. 2008 National Cheng Kung University Research Incentives category B (成功大學研究獎勵 B 類).
- 26. 2007-2015 The Annual Best Researcher of the Department of Surgery of National Cheng Kung Medical Center.
- 27. 2007 Paper Award of International College of Surgeons.
- 28. 2006 The Best Oral Paper presentation of Taiwan Surgical Society of Gastroenterology (Instructor).
- 29. 2004 Post Award of Joint meeting of the 11th meeting of International Association of Pancreatology and the 35<sup>th</sup> Annual meeting of the Japan Pancreas Society.
- 30. 2003 The Best Paper of the year of National Cheng Kung University Hospital.

#### **Selected Publications (since 2012)**

- 1. Chen CW, Cheng TJ, Ho CH, Wang JJ, Weng SF, Hou YC, Cheng HC, Chio CC, <u>Shan YS</u>, Chang WT. Increased risk of brain cancer incidence in stroke patients: a clinical case series, population-based and longitudinal follow-up study. Oncotarget. 2017 Nov 15;8(65):108989-108999.
- 2. Pei-Yi Chu\*, Shih Sheng Jiang\*, <u>Yan-Shen Shan\*</u>, Wen-Chun Hung, Ming-Huang Chen, Hui-You Lin, Yu-Lin Chen, Hui-Jen Tsai, Li-Tzong Chen. Mitochondrial phosphoenolpyruvate carboxykinase (PEPCK-M) regulates the cell metabolism of pancreatic neuroendocrine tumors (pNET) and de-sensitizes pNET to mTOR inhibitors. Oncotarget 2017 Oct 9;8(61):103613-103625.
- 3. Tsung-Ming Chang\*, <u>Yan-Shen Shan\*</u>, Pei-Yi Chu\*, Shih Sheng Jiang, Wen-Chun Hung, Yu-Lin Chen, Hsu-Chi Tu, Hui-You Lin, Hui-Jen Tsai, Li-Tzong Chen. The regulatory role of aberrant Phosphatase and Tensin Homologue and Liver Kinase B1 on AKT/mTOR/c-Myc axis in pancreatic neuroendocrine tumors. Oncotarget 2017 Nov 17; 8(58): 98068–98083.
- 4. Hao-Chen Wang, Chin-Wang Chen, Chia-Lung Yang, I-Min Tsai, Ya-Chin Hou, Chang-Jung Chen, <u>Yan-Shen Shan</u>\*. Tumor-Associated Macrophages Promote Epigenetic Silencing of Gelsolin through DNA Methyltransferase 1 in Gastric Cancer Cells. Cancer Immunology Research 2017 Oct;5(10):885-897.
- Chih-Jung Wang, Shu-Ting Yen, Shih-Fang Huang, Su-Chen Hsu, Jeremy C. Ying\*, <u>Yan-Shen Shan\*</u>. Effectiveness of Trauma Team on Medical Resource Utilization and Quality of Care for Patients with Major Trauma. BMC Health Services Research 2017 Jul 24;17(1):505.
- 6. Gopinathan P, Hung LY, Wang CH, Chiang NJ, Wang YC, <u>Shan YS</u>\*, Lee GB\*. Automated selection of aptamers against cholangiocarcinoma cells on an integrated microfluidic platform. Biomicrofluidics. 2017 Jul 5; 11(4): 044101.
- Ching-Wen Yu, Lien-Yu Hung, Chien-Yu Fu, Chih-Hung Wang, Nai-Jung Chiang, Yu-Chun Wang, <u>Yan-Shen Shan</u>\*, Gwo-Bin Lee\*. Screening of Peptides Specific to Cholangiocarcinoma Cancer Cells Using an Integrated Microfluidic System and Phage Display Technology. Microfluid Nanofluid 2017; 21: 145.
- 8. Lien-Yu Hung, Nai-Jung Chiang, Wei-Chun Tsai, Chien-Yu Fu, Yu-Chun Wang, <u>Yan-Shen Shan</u>\*, and Gwo-Bin Lee\*. A microfluidic chip for detecting cholangiocarcinoma cells in human bile. Sci Rep 2017 Jun 26;7(1):4248.
- 9. Tzeng HT, Tsai CH, Yen YT, Cheng HC, Chen YC, Pu SW, Wang YS, <u>Shan</u> <u>YS</u>, Tseng YL, Su WC, Lai WW, Wu LW, Wang YC. Dysregulation of Rab37-Mediated Cross-talk between Cancer Cells and Endothelial Cells via

- Thrombospondin-1 Promotes Tumor Neovasculature and Metastasis. Clin Cancer Res. 2017 May 1; 23(9): 2335-2345.
- 10. Iwashita Y, Hibi T, Ohyama T, Honda G, Yoshida M, Miura F, Takada T, Han HS, Hwang TL, Shinya S, Suzuki K, Umezawa A, Yoon YS, Choi IS, Huang WS, Chen KH, Watanabe M, Abe Y, Misawa T, Nagakawa Y, Yoon DS, Jang JY, Yu HC, Ahn KS, Kim SC, Song IS, Kim JH, Yun SS, Choi SH, Jan YY, Shan YS, Ker CG, Chan DC, Wu CC, Lee KT, Toyota N, Higuchi R, Nakamura Y, Mizuguchi Y, Takeda Y, Ito M, Norimizu S, Yamada S, Matsumura N, Shindoh J, Sunagawa H, Gocho T, Hasegawa H, Rikiyama T, Sata N, Kano N, Kitano S, Tokumura H, Yamashita Y, Watanabe G, Nakagawa K, Kimura T, Yamakawa T, Wakabayashi G, Mori R, Endo I, Miyazaki M, Yamamoto M. An opportunity in difficulty: Japan-Korea-Taiwan expert Delphi consensus on surgical difficulty during laparoscopic cholecystectomy.J Hepatobiliary Pancreat Sci. 2017 Apr; 24(4): 191-198.
- 11. P-H Huang, P-J Lu, L-Y Ding, P-C Chu, W-Y Hsu, C-S Chen, C-C Tsao, B-H Chen, C-T Lee, <u>Y-S Shan</u>\* and C-S Chen\* TGFβ promotes mesenchymal phenotype of pancreatic cancer cells, in part, through epigenetic activation of VAV1. Oncogene 2017 Apr 20; 36(16):2202-2214.
- 12. <u>Yan-Shen Shan</u>, Hui-Ping Hsu, Ming-Derg Lai, Yu-Hsuan Hung, Chih-Yang Wang, YiLing Chen. Cyclin D1 overexpression correlates with poor tumor differentiation and prognosis in gastric cancer. Oncol letter 2017 Apr;14:4517-4526.
- 13. Hibi T, Iwashita Y, Ohyama T, Honda G, Abe Y, Yoshida M, Miura F, Takada T, Han HS, Yoon YS, Hwang TL, Shinya S, Suzuki K, Umezawa A, Choi IS, Huang WS, Chen KH, Watanabe M, Misawa T, Nagakawa Y, Yoon DS, Jang JY, Yu HC, Ahn KS, Kim SC, Song IS, Kim JH, Yun SS, Choi SH, Jan YY, Sheen-Chen SM, Shan YS, Ker CG, Chan DC, Lee KT, Toyota N, Higuchi R, Yamamoto M, Nakamura Y, Mizuguchi Y, Takeda Y, Ito M, Norimizu S, Yamada S, Matsumura N, Tokumura H, Shindoh J, Sunagawa H, Hasegawa H, Rikiyama T, Sata N, Kano N, Kitano S, Yamashita Y, Watanabe G, Nakagawa K, Kimura T, Yamakawa T, Wakabayashi G, Endo I, Miyazaki M. The "right" way is not always popular: Comparison of surgeons' perceptions during laparoscopic cholecystectomy for acute cholecystitis among experts from Japan, Korea, and Taiwan. J Hepatobiliary Pancreat Sci. 2017 Jan; 24(1): 24-32.
- 14. Liu CT, Chen MH, Chen JS, Chen LT, <u>Shan YS</u>, Lu CH, Su YL, Ku FC, Chou WC, Chen YY. The efficacy and safety of everolimus for the treatment of progressive gastroenteropancreatic neuroendocrine tumors: A multi-institution observational study in Taiwan. Asia Pac J Clin Oncol. 2016 Dec; 12(4):

396-402.

- 15. Tze-Sian Chan, Chung-Chi Hsu, Kok-Tong Tan, Wen-Ying Liao, Shu-Ching Hsu, Vincent Pai, Wei-Yu Chen, <u>Yan-Shen Shan</u>, Shenq-Shyang Huang, Kuan-Ying Jiang, Chi-Rong Li, Michael Lee, Gi-Shih Lien, Valerie Weaver, and Kelvin Tsai. Metronomic Chemotherapy Prevents Therapy-induced Stromal ELR+-chemokine Paracrine Signaling for Tumor-initiating Cells. JEM 2016 Dec 12; 213(13): 2967-2988.
- 16. Iwashita Y, Ohyama T, Honda G, Hibi T, Abe Y, Yoshida M, Miura F, Takada T, Han HS, Yoon YS, Hwang TL, Shinya S, Suzuki K, Umezawa A, Choi IS, Huang WS, Chen KH, Watanabe M, Misawa T, Nagakawa Y, Yoon DS, Jang JY, Yu HC, Ahn KS, Kim SC, Song IS, Kim JH, Yun SS, Choi SH, Jan YY, Sheen-Chen SM, Shan YS, Ker CG, Chan DC, Lee KT, Toyota N, Higuchi R, Yamamoto M, Nakamura Y, Mizuguchi Y, Takeda Y, Ito M, Norimizu S, Yamada S, Matsumura N, Tokumura H, Shindoh J, Sunagawa H, Hasegawa H, Rikiyama T, Sata N, Kano N, Kitano S, Yamashita Y, Watanabe G, Nakagawa K, Kimura T, Yamakawa T, Wakabayashi G, Endo I, Miyazaki M. What are the appropriate indicators of surgical difficulty during laparoscopic cholecystectomy? Results from a Japan-Korea-Taiwan multinational survey. J Hepatobiliary Pancreat Sci. 2016 Sep; 23(9):533-47.
- 17. Pan MR, Hsu MC, Luo CW, Chen LT, <u>Shan YS</u>, Hung WC. The histone methyltransferase G9a as a therapeutic target to override gemcitabine resistance in pancreatic cancer. Oncotarget. 2016 Sep 20;7(38):61136-61151.
- 18. Hung MC, Lai WW, Chen HH, Lee JC, Lin YJ, Hsiao JR, Cheng YM, <u>Shan YS</u>, Su WC, Wang JD. Cost effectiveness of cancer treatment in Taiwan. J Formos Med Assoc. 2016 Aug 115(8): 609-18.
- 19. Hao-Chen Wang, Tzu-Ying Li, Ying-Jui Chao, Ya-Chin Hou, Yuan-Shuo Hsueh, Kai-Hsi Hsu, <u>Yan-Shen Shan</u>\*. KIT exon 11 codons 557-558 deletion mutation promotes liver metastasis through the CXCL12/CXCR4 axis in gastrointestinal stromal tumors. Clin Cancer Res. 2016 Jul 15;22(14):3477-87
- 20. Nai-Jung Chiang, Jang-Yang Chang, <u>Yan-Shen Shan</u>\*, Li-Tzong Chen,\*.Developing nanoliposomal irinotecan (nal-IRI, MM-398, PEP02) in the management of metastatic pancreatic cancer. Expert Opin Pharmacother. 2016 Jul;17(10):1413-20.
- 21. Nai-Jung Chiang, Chiun Hsu, Jen-Shi Chen, Hsiao-Hui Tsou, Ying-Ying Shen, Yee Chao, Ming-Huang Chen, Ta-Sen Yeh, <u>Yan-Shen Shan</u>\*, Shiu-Feng Huang\*, Li-Tzong Chen\*. Expression levels of ROS1/ALK/c-MET and therapeutic efficacy of cetuximab plus chemotherapy in advanced biliary tract cancer. Sci Rep 2016 May 3; 6: 25369.
- 22. Tseng PC, Chen CL, Shan YS, Lin CF. An increase in galectin-3 causes

- cellular unresponsiveness to IFN-γ-induced signal transduction and growth inhibition in gastric cancer cells. Oncotarget. 2016 Mar 22; 7(12):15150-60.
- 23. Andrea Wang-Gillam, Chung-Pin Li, György Bodoky, Andrew Dean, Yan-Shen Shan, Gayle Jameson, Teresa Macarulla, Kyung-Hun Lee, David Cunningham, Jean F. Blanc, Richard Hubner, C.-F. Chiu, Gilberto Schwartsmann, Jens Siveke, Fadi Braiteh, Victor Moyo, Bruce Belanger, Navreet Dhindsa, Eliel Bayever, Daniel D. Von Hoff, Li-Tzong Chen for the NAPOLI-1 Study Group. Nanoliposomal Irinotecan with 5-Fluorouracil and Leucovorin Increased Survival in Metastatic Pancreatic Cancer After Prior Gemcitabine-based Therapy. Lancet 2016,Feb 6;387(10018):545-57.
- 24. Chen MH, Lin J, Hsiao CF, <u>Shan YS</u>, Chen YC, Chen LT, Liu TW, Li CP, Chao Y. A Phase II Study of Sequential Capecitabine Plus Oxaliplatin Followed by Docetaxel Plus Capecitabine in Patients with Unresectable Gastric Adenocarcinoma: The TCOG 3211 Clinical Trial. Medicine (Baltimore). 2016 Jan; 95(3):e2565.
- 25. Ya-Chin Hou, Chen-Fang Huang, Hao-Chen Wang, Yu Wu, <u>Yan-Shen Shan</u>\*. Therapeutic efficacy of spleen-derived mesenchymal stem cells in mice with acute pancreatitis. J Stem Cell Res Ther. 2015; 5(12): 318.
- 26. Hong-Ming Tsai, Chiao-Hsiung Chuang, <u>Yan-Shen Shan</u>, Yi-Sheng Liu, Chiung-Yu Chen. Features associated with progression of small pancreatic cystic lesions: A retrospective study. World J Gastroenterol 2015 December 14; 21(46),
- 27. Wu CL, Chao YJ, Yang TM, Chen YL, Chang KC, Hsu HP, <u>Shan YS</u>, Lai MD. Dual role of CD44 isoforms in ampullary adenocarcinoma: CD44s predicts poor prognosis in early cancer and CD44v is an indicator for recurrence in advanced cancer. BMC Cancer 2015 Nov 16; 15(1): 903.
- 28. Chiang NJ, <u>Shan YS</u>, Hung WC, Chen LT. Epigenetic regulation in the carcinogenesis of cholangiocarcinoma. Int J Biochem Cell Biol. 2015 Oct; 67: 110-4.
- 29. Ming-Chen Yang, Hao-Chen Wang, Ya-Chin Hou, Hui-Ling Tung, <u>Yan-Shen Shan\*</u>. Blockade of autophagy reduces pancreatic cancer stem cell activity and potentiates the tumoricidal effect of gemcitabine. Mol Cancer 2015 Oct 12; 14(1):179.
- 30. Po-Chen Chu, Ming-Chen Yang, Samuel K. Kulp, Santosh B. Salunke, <u>Yan-Shen Shan</u>, Chung-Ta Lee, Ming-Derg Lai, Lawrence A. Shirley, Tanios Bekaii-Saab, and Ching-Shih Chen. Regulation of Oncogenic KRAS Signaling via a Novel KRAS-ILK-hnRNPA1 Regulatory Loop in Pancreatic Cancer Cells. Oncogenes 2016 Jul 28;35(30):3897-908.
- 31. Chih-Yuan Huang, Liang-Chao Wang, Chia-Hsin Pan, Yan-Shen Shan,

- Kuen-Jer Tsai. Memantine Attenuates Delayed Vasospasm after Experimental Subarachnoid Hemorrhage via Modulating Endothelial Nitric Oxide Synthase. Int J Mol Sci. 2015 Jun 23;16(6):14171-80.
- 32. Cheong MW, Kuo LH, Cheng YN, Tsai PJ, Ho LC, Tai HC, Chiu WT, Chen SH, Lu PJ, <u>Shan YS</u>, Chuang LM, Tsai YS. Loss of Egr-1 sensitizes pancreatic β-cells to palmitate-induced ER stress and apoptosis. J Mol Med (Berl). 2015 Jul; 93(7):807-18.
- 33. Jeffrey. S. Chang, Li-Tzong Chen, <u>Yan-Shen Shan</u> (2<sup>nd</sup>), Sheng-Fung Lin, Sheng-Yen Hsiao, Chia-Rung Tsai, Shu-Jung Yu, Hui-Jen Tsai. Comprehensive Analysis of the Incidence and Survival Patterns of Lung Cancer by Histologies, Including Rare Subtypes, in the Era of Molecular Medicine and Targeted Therapy: A Nation-Wide Cancer Registry-Based Study from Taiwan. Medicine 2015 Jun; 94(24): e969.
- 34. Sheng-Yi Chen, Jo-Shi Lin, Huan-Ching Lin, <u>Yan-Shen Shan</u>, Yu-Jung Cheng, Bei-Chang Yang. Dependence of fibroblast infiltration in tumor stroma on type IV collagen-initiated integrin signal through induction of platelet-derived growth factor. Biochim Biophys Acta. 2015 May; 1853 (5): 929-39.
- 35. <u>Yan-Shen Shan</u>, Hui-Ping Hsu, Ming-Derg Lai, Meng-Chi Yen, Jung-Hua Fang, Tzu-Yang Weng, Yi-Ling Chen. Argininosuccinate synthetase suppression and arginine restriction inhibits metastasis of gastric cancer cell lines. Sci Rep 2015 Apr 30; 5: 9783.
- 36. Chang-Ni Lin, Chih-Jung Wang, Ying-Jui Chao, Ming-Derg Lai, <u>Yan-Shen</u> <u>Shan</u>\*. The significance of the co-existence of osteopontin and tumor associated macrophages in gastric cancer. BMC Cancer 2015; Mar 15;15:128.
- 37. **Yan-Shen Shan,** Yi-Ling Chen, Ming-Derg Lai, Hui-Ping Hsu, Nestin predicts a favorable prognosis in early ampullary adenocarcinoma and functions as a promoter of metastasis in advanced cancer. Oncol Rep. 2015 Jan; 33 (1):40-8.
- 38. Jen-Shi Chen, Chiun Hsu, Nai-Jung Chiang, Chang-Sung Tsai, Hsiao-Hui Tsou, Shiu-Feng Huang, Li-Yaun Bai, Il-Chi Chang, Her-Shyong Shiah, Ching-Liang Ho, Chia-Jui Yen, Kuan-Der Lee, Chang-Fang Chiu, Kun-Ming Rau, Ming-Sun Yu, Youngsen Yang, Ruey-Kuen Hsieh, <u>Yan-Shen Shan\*</u>, Yee Chao\*, Li-Tzong Chen\*. A KRAS mutation status-stratified randomized phase II trial of gemcitabine and oxaliplatin alone or in combination with cetuximab in advanced biliary tract cancer. Ann Oncol 2015 Jan 28; 26(5):943-9. (co-correspondence)
- 39. Jeffrey S. Chang, Chia-Rung Tsai, Li-Tzong Chen, <u>Yan-Shen Shan</u>\*. Investigating the association between periodontal disease and risk of pancreatic cancer. Pancreas 2016 Jan;45(1):134-41.

- 40. <u>Yan-Shen Shan</u>, Hui-Ping Hsu, Ming-Derg Lai, Meng-Chi Yen, Yi-Pey Luo, Yi-Ling Chen. Increase expression of argininosuccinate synthetase protein predicts poor prognosis in human gastric cancer. Oncol Rep. 2015 Jan; 33 (1):49-57.
- 41. Edgar D. Sy, <u>Yan-Shen Shan</u>. Abdominal Wall Hydrocele: a Rare Late Postoperative Complication of Drain Site Wound Incisional Hernia. JPS 2015 Jan; 3 (1):16-18.
- 42. Edgar D. Sy, Yen-I Chiu, <u>Yan-Shen Shan</u>, Roger L. Ong. Pneumatic Colon Injury Following High Pressure Blow Gun Dust Cleaner Spray to the Perineum. Int J Surg Case Rep. 2015; 6C: 218-21.
- 43. Ming-Chen Yang, Chih-Jung Wang, Pao-Chi Liao, Chia-Jui Yen, <u>Yan-Shen Shan</u>\*. Hepatic Stellate Cells Secretes Type I Collagen to Trigger Epithelial. Am J Cancer Res. 2014 Nov 19; 4(6):751-63.
- 44. Tseng PC, Chen CL, <u>Shan YS</u>, Chang WT, Liu HS, Hong TM, Hsieh CY, Lin SH, Lin CF. An increase in integrin-linked kinase non-canonically confers NF-κB-mediated growth advantages to gastric cancer cells by activating ERK1/2. Cell Commun Signal. 2014 Nov 15; 12 (1):69.
- 45. Hao-Chen Wang, Hou YC <u>Shan YS</u>\*. Advances in pancreatic cancer stem cells, tumor-associated macrophages, and their interplay. Cancer Cell Microenvironment (CCM) 2014;1: e304.
- 46. <u>Yan-Shen Shan</u>, Hui-Ping Hsu, Ming-Derg Lai, Meng-Chi Yen, Jung-Hua Fang, Tzu-Yang Weng, Yi-Ling Chen. Suppression of mucin 2 promotes interleukin-6 secretion and tumor growth in an orthotopic colon cancer animal model. Oncol Rep. 2014 Dec;32 (6):2335-42.
- 47. Huang SC, Kang JW, Tsai HW, <u>Shan YS</u>, Lin XZ, Lee GB. Electromagnetic thermotherapy for deep organ ablation by using a needle array under a synchronized-coil system. IEEE Trans Biomed Eng. 2014 Nov; 61(11):2733-9.
- 48. Huang CY, Wang LC, Wang HK, Pan CH, Cheng YY, Shan YS, Chio CC, Tsai KJ. Memantine Alleviates Brain Injury and Neurobehavioral Deficits after Experimental Subarachnoid Hemorrhage. Mol Neurobiol.2015;51(3):1038-52
- 49. Chao Ying-Jui, Sy ED, Hsu KH, Hsu HP, <u>Shan YS</u>\*. Predictors for Resectability and Survival in Locally Advanced Pancreatic Cancer after Gemcitabine-based Neoadjuvant Therapy. BMC Surg 2014; Sep 25;14(1):72.
- 50. Ya-Chin Hou, Chao YJ, Tung HL, Wang HC, <u>Shan YS</u>\*. Co-expression of CD44<sup>+</sup>/CD133<sup>+</sup> cancer stem cells and CD204<sup>+</sup> tumor associated macrophages is a predictor of survival in pancreatic ductal adenocarcinoma. Cancer 2014 Sep 1; 120 (17): 2766-77.
- 51. Kai-Hsi Hsu, Tsai HW, Lin PW, Hsu YS, Lu PJ, <u>Shan YS</u>\*. Anti-apoptotic Effects of Osteopontin Through Up-regulation of Mcl-1 in Gastrointestinal

- Stromal Tumor. World J Surg Oncol. 2014 Jun 20; 12:189.
- 52. Huang SC, Kang JW, Tsai HW, <u>Shan YS</u>, Lin XZ, Lee GB. Electromagnetic thermotherapy system with needle arrays: a practical tool for the removal of cancerous tumors. IEEE Trans Biomed Eng. 2014 Feb; 61(2):598-605.
- 53. Huang SC, Chang YY, Kang JW, Tsai HW, <u>Shan YS</u>, Lin XZ, Lee GB. An electromagnetic thermotherapy system with a deep penetration depth for percutaneous thermal ablation. Ann Biomed Eng. 2014 Jan; 42(1):86-96.
- 54. Shen L, <u>Shan YS</u>, Hu HM, Price TJ, Sirohi B, Yeh KH, et al. Management of gastric cancer in Asia: resource-stratified guidelines. Lancet Oncol. 2013; 14(12): e535-47.
- 55. Wang WY, Hsu CC, Wang TY, Li CR, Hou YC, Chu JM, Lee CT, Liu MS, Su JJ, Jian KY, Huang SS, Jiang SS, <u>Shan YS</u>, Lin PW, Shen YY, Lee MT, Chan TS, Chang CC, Chen CH, Chang IS, Lee YL, Chen LT, Tsai KK. A gene expression signature of epithelial tubulogenesis and a role for ASPM in pancreatic tumor progression. Gastroenterology. 2013 Nov;145(5):1110-20
- 56. Andrew H. Ko, Tempero MA, <u>Shan YS</u>, Su WC, Lin YL, et al. A Multinational Phase 2 Study of Nanoliposomal Irinotecan (PEP02, MM-398) for Patients with Gemcitabine-refractory Metastatic Pancreatic Cancer. BJC 2013 Aug 20;109(4):920-5.
- 57. Chao-Wen Chen, Chien-Jen Ma, <u>Yen-Shen Shan</u>, Yung-Sung Yeh, Jaw-Yuan Wang. Prospective, Randomized, Controlled Study of Ampicillin/Sulbactam versus Moxifloxacin Monotherapy for the Treatment of Community-Acquired Complicated Intra-Abdominal Infections. Surg Infect (Larchmt). 2013 Aug;14(4):389-96.
- 58. Cheng HC, Liu YP, Shan YS, Huang CY, Lin FC, Lin LC, Lee L, Tsai CH, Hsiao M, Lu PJ. Loss of RUNX3 Increases Osteopontin Expression and Promotes Cell Migration in Gastric Cancer. Carcinogenesis. 2013; 34(11): 2452-9.
- 59. Ying-Jui Chao, <u>Yan-Shen Shan</u>\*, Roberto Zuchini, Hung-Wen Tsai, Pin-Wen Lin, Gwo-Bin Lee, Xi-Zhang Lin. Successfully Seal Pancreatic End after Thermal Distal Pancreatectomy Using Needle Arrays in Alternating Electromagnetic Fields. Surg Innov. 2013; 20(2): 150-7.
- 60. Hsueh YS, Lin CL, Chiang NJ, Yen CC, Li CF, <u>Shan YS</u>, Ko CH, Shih NY, Wang LM, Chen TS, Chen LT. Selecting tyrosine kinase inhibitors for gastrointestinal stromal tumor with secondary KIT activation-loop domain mutations. PLoS One. 2013 Jun 20;8(6):e65762.
- 61. Chen YP, Hung LY, <u>Shan YS</u>, Chang KC. ALK-positive large B-cell lymphoma presenting with jejunal intussusception. Eur J Haematol. 2013; 90(3): 261.

- 62. Su CC, Lin HC, Lin YP, <u>Shan YS</u>, Yang BC. Expression of Th17-related genes in PHA/IL-2-activated human T cells by Fas signaling via caspase-1- and Stat3-dependent pathway. Cell Immunol. 2013; 281(2):101-10.
- 63. Ying-Jui Chao, <u>Yan-Shen Shan</u>\*, Roberto Zuchini, Hung-Wen Tsai, Pin-Wen Lin, Gwo-Bin Lee, Xi-Zhang Lin. Successfully Seal Pancreatic End after Thermal Distal Pancreatectomy Using Needle Arrays in Alternating Electromagnetic Fields. Surg Innov. 2013; 20(2): 150-7.
- 64. Ying-Jui Chao, Chih-Jung Wang, <u>Yan-Shen Shan\*</u>. A Self-designed, Simple, Secure, and Safe 6-loop Intracorporeal Pringle's Maneuver for Laparoscopic Liver Resection. Surg Endosc 2012 Sep; 26(9): 2681-6.
- 65. Vincent H. S. Chang, Pei-Yi Chu, Shu-Ling Peng, Tsui-Lien Mao, <u>Yan-Shen Shan</u>, Ching-Fang Hsu, Chun-Yu Lin, Kelvin K.C. Tsai, Winston C. Y. Yu, Hui-Ju Ch'ang. Kruppel-like factor 10 Expression as a Prognostic Indicator for Pancreatic Adenocarcinoma. Am J Pathol 2012; 181(2): 423-30.
- 66. Tseng PC, Huang WC, Chen CL, Sheu BS, <u>Shan YS</u>, Tsai CC, Wang CY, Chen SO, Hsieh CY, Lin CF. Regulation of SHP2 by PTEN/AKT/GSK-3β signaling facilitates IFN-γ resistance in hyperproliferating gastric cancer. Immunobiology. 2012; 217(9): 926-34.
- 67. Huang SC, Chang YY, Chao YJ, <u>Shan YS</u>, Lin XZ, Lee GB. Dual-row needle arrays under an electromagnetic thermotherapy system for bloodless liver resection surgery. IEEE Trans Biomed Eng. 2012; 59(3): 824-31.
- 68. Lin FC, Liu YP, Lai CH, <u>Shan YS</u>, Cheng HC, Hsu PI, Lee CH, Lee YC, Wang HY, Wang CH, Cheng JQ, Hsiao M, Lu PJ. RUNX3-mediated transcriptional inhibition of Akt suppresses tumorigenesis of human gastric cancer cells. Oncogene 2012; 31(39): 4302-16.

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Taiwan.

2008.9-2010.8 Chief Resident, Division of Oncology-Hematology, Department of internal medicine, National Cheng Kung University hospital and National Institute of Cancer Research, NHRI, Taiwan.

2005.8 - 2008.8 Residency training, Department of Internal Medicine, VGH-TPE and National Institute of Cancer Research, NHRI, Taiwan.

2003.8 - 2005.7 Internship, Taipei Veterans General Hospital (VGH-TPE).

# **BOARD CERTIFICATION:**

2008	Board of Internal Medicine
2010	Board of Medical Oncology
2011	Board of Hospice Palliative Medicine
2011	Board of Hematology

#### CURRICULUM VITAE

Name: Junji Furuse, M.D., Ph.D.

#### Present Title and Affiliation:

Professor, Department of Medical Oncology, Kyorin University School of Medicine

#### Occupation

In 1984, graduated from Chiba University School of Medicine and then attended the First Department of Internal Medicine, Chiba University.

May 1984 Licensed as a Medical Doctor (No. 281218)

May 1984-June 1992, the First Department of Internal Medicine, Chiba University Hospital July 1992- February 2008, Division of Hepatobiliary Pancreatic Medical Oncology, National Can Center Hospital East

March 2008- Professor, Department of Medical Oncology, Kyorin University School of Medic

#### Activities

Japanese Clinical Oncology Group (JCOG): Chair of Hepatobiliary and Pancreatic Oncology Gro Japan Pancreas Society (JPS): Director, Chair of health insurance committee

ASCO: active member ESMO: active member

Associate Editor: Jpn J Clin Oncol, Journal of Hepatocellular Carcinoma

Editorial Board: BioMed Research International, Journal of Clinical Oncology & Research, International Journal of Endocrine Oncology, Chinese Clinical Oncology, Case Reports in Internal Medicine

Reviewer: Lancet Oncol, J Clin Oncol, Cancer Scie, Investigational New Drugs, J of Gastroenterol, etc.

#### Specialty

Gastrointestinal Medical Oncology, especially hepatobiliary and pancreatic cancer

# 蔡坤志 副研究員級主治醫師 癌症研究所

2006 - 2007	Postdoctoral Fellow (Valerie Weaver Lab), Department of Surgery and
	Center for Bioengineering and Tissue Regeneration, University of
	California - San Francisco, San Francisco, CA, USA
2005 - 2006	Postdoctoral Fellow (Valerie Weaver Lab), Institute of Medicine and
	Engineering, University of Pennsylvania, Philadelphia, PA, USA
2001 - 2005	Ph.D. in Biological Sciences - Genetics and Complex Diseases (Zhimin
	Yuan Lab), Graduate School of Arts and Sciences, Harvard University,
	Cambridge, MA, USA
1986 - 1993	M.D., School of Medicine, Taipei Medical University, Taipei, Taiwan

# 經歷

2014 - present	Associate Investigator and Attending Physician, National Institute of
	Cancer Research (NICR), National Health Research Institutes (NHRIs),
	Taiwan
2014 - present	Associate Professor of Medicine, Graduate Institute of Clinical
	Medicine, Taipei Medical University School of Medicine, Taiwan
2014 - 2015	Review Committee member, Oncology, Hematology, Rheumatology and
	Infectious Disease Session, Department of Biological Sciences, Ministry
	of Science and Technology, Taiwan
2009 - present	Joint Attending Physician, Division of Hemato-Oncology, Department of
	Medicine, National Cheng Kung University Hospital, Taiwan
2008 - 2013	Assistant Investigator and Attending Physician, NICR, NHRIs, Taiwan
1999 - present	Board Certified, Digestive Endoscopy, Taiwan
1999 - present	Board Certified, Gastroenterology, Taiwan
1996 - present	Board Certified, Internal Medicine, Taiwan
1993 - 2001	Resident-Fellow-Attending Physician, Department of Medicine, Taipei

# Honors & Awards

2014	Research Prize, National Cheng-Kung University Hospital, Taiwan
2014	Young Scientist Research Achievement Award, NHRIs, Taiwan

Veterans General Hospital, Taiwan

2012	Merit Award, Asian Clinical Oncology Society
2005	Ruth L. Kirschstein National Research Service Award, National Institute
	of Health, USA
2004	Glenn/AFAR Scholar, American Federation for Aging Research, USA
2004	Harvard Presidential Scholar, Havard University, Cambridge, MA, USA
2001	Scholarship of the Ivy Association for Cultural and Educational
	Exchange, Taiwan
2001 - 2004	Government Scholar, Department of Education, Taiwan
1999	Research Prize, Taipei Veterans General Hospital, Taiwan



National Cancer Center Hospital

Japan Biography

Dr Kohei Shitara is staff doctor of Department of Experimental Therapeutics (and Gastrointestinal Oncology), National Cancer Center Hospital East, Kashiwa in Japan. He received his medical degree from Tohoku University School of Medicine in 2002.〠€ Dr Shitara is an active member of American Society of Clinical Oncology (ASCO) and the European Society of Medical Oncology (ESMO). He is also a member of the Japanese Society of Internal Medicine, the Japanese Society of Medical Oncology (JSMO), the Japanese Society of Clinical Oncology (JSCO), the Japanese Gastric Cancer Association, Protocol Review Committee of Japanese Clinical Oncology Group (JCOG), West Japanese Oncology Group (WJOG). He also acts as one of the members for Japanese guideline for Gastric Cancer. Dr Shitara's main research interests include development of new anti-cancer agents, optimal chemotherapy regimen for gastrointestinal cancer, and translational research through the development of molecular targeted agents. He is the primary investigator or study coordinator for "Randomized phase II trial of FOLFIRI with either panitumumab or bevacizumab as second-line treatment in patients with KRAS wild metastatic colorectal cancer refractory oxaliplatin and bevacizumab(WJOG6210G) (UMIN000005216)", "Randomized Phase II Study Comparing Dose Escalated Weekly Paclitaxel versus Standard Dose Weekly Paclitaxel for Previously **Patients** with Treated Advanced Gastric (UMIN0000040556)", "Randomized trial comparing resection of primary tumor plus chemotherapy with chemotherapy alone in incurable Stage IV colorectal cancer (JCOG1007, PI of chemotherapy part) ", "Phase I trial of Cell inhibitor Stem for gastric cancer) (UMIN000010254)", "Randomised study of regorafenib and cetuximab, REVERECE trial (UMIN000011294)". He has reported more than 80

peer review publications as 1st author and co-author in these fields and contributed significantly to the development of cancer therapy.

#### Research Interest

Dr Shitara's main research interests include development of new anti-cancer agents, optimal chemotherapy regimen for gastrointestinal cancer, and translational research through the development of molecular targeted agents.

#### **Publications**

**Molecular Targeting Therapy and Biomarker for Advanced Gastric Cancer** 

# Professor Chu-Ming Chang (張書銘)

#### JEFFREY SHU-MING CHANG, MD, PHD, MPH

National Institute of Cancer Research, National Health Research Institutes

1F No.367 Sheng-Li Road Tainan 704, Taiwan



**EDUCATION:** 

2006 **PhD** Epidemiology, School of Public Health, University of California,

Berkeley

2001 MPH Infectious Diseases, School of Public Health, University of California,

Berkeley

Medicine, College of Medicine, University of Illinois at Chicago
 BA Molecular and Cell Biology, University of California, Berkeley

#### MAJOR RESEARCH INTERESTS:

Cancer epidemiology

Genetic and molecular epidemiology

Gene-environment interaction

#### PROFESSIONAL EXPERIENCE:

Jan 2015-present	Associate Investigator, National Institute of Cancer Research,
	National Health Research Institutes, Taiwan
Feb 2010-Dec 2014	Assistant Investigator, National Institute of Cancer Research,
	National Health Research Institutes, Taiwan
Jul 2006-Jun 2009	Postdoctoral Research Fellow in Genetic/Molecular Epidemiology of Cancer, Department of Epidemiology and Biostatistics, University of California, San Francisco
Jul 2003-Jun 2006	Graduate Student Researcher, School of Public Health, University of
	California, Berkeley
Jul 2001-Jun 2003	Research Associate III/Supervisor, Division of Cancer
	Epidemiology
	Department of Epidemiology and Biostatistics, University of California,
	San Francisco
Feb 2000-Dec 2000	Post-Graduate Researcher, Office of AIDS, California Department of
	Health Services
June 1998-Jan 1999 California at San	Resident Doctor, Department of Pathology, University of

#### Francisco Medical Center

#### **AWARDS AND HONORS:**

2015	Research Achievement Award for Junior Research Investigators,
	National Health Research Institutes
2014	1 <sup>ST</sup> Prize in Poster Competition, Society for Epidemiologic Research
	Annual Meeting, Seattle, Washington, June 24-27, 2014.
2007	Aflac Scholar-in-Training Travel Award, American Association for Cancer
	Research Special Conference, "Approaches to Complex Pathways in
	Molecular Epidemiology", Santa Ana Pueblo, New Mexico, May 30-June
2, 2007.	
2006	Postdoctoral fellowship in genetic/molecular epidemiology, awarded
through the National Institute of Health R25 training grant (R25 CA112355, PI: John Witte,	
	PhD),
2005	Presenter, Student Dissertation Workshop, Society for Epidemiologic

Research-Canadian Society for Epidemiology and Biostatistics joint meeting,

#### OTHER PROFESSIONAL ACTIVITIES:

Toronto, June 27-30, 2005.

American Association for Cancer Research (AACR)-Active member; AACR-Molecular Epidemiology Group (MEG)-Member American College of Epidemiology (ACE)-Member International Genetic Epidemiology Society (IGES)-Member Society for Epidemiologic Research (SER)-Member PLOS ONE, Academic Editor since 2014

#### **CURRICULUM VIATE**

Name: Li-Tzong Chen, M.D., Ph.D.

Institute: National Institute of Cancer Research,

National Health Research Institutes
Department of Internal Medicine,

National Cheng Kung University Hospital,

# EDUCATION and TRAINING



#### **Curriculum Vitae**

Name: Hua-Jung Li (李華容)

Mailing Address: Room R2-5031, No. 35 Keyan Road, Zhunan Town, Miaoli

County 35053, Taiwan

#### **EDUCATION**

- Ph.D. in Molecular and Medical Pharmacology from University of California, Los Angeles (UCLA), 2007
- 2. M.S. in Biochemistry from National Yang-Ming University, 2003
- 3. B.S. in Zoology from National Taiwan University, 2001

#### **EXPERIENCE**

- Assistant Investigator National Health Research Institutes, October, 2012 -- Present
  - Research on stem cell and regeneration medicine in Institute of Cellular and System Medicine
- Joint Assistant Professor –National Chung Hsing University, February, 2013 -- Present
  - Research on stem cell and regeneration medicine
- Postdoctoral fellow –Whitehead Institute for Biomedical Research (MIT), 2009-2012
  - Research on interaction between cancer stem cells and tumor microenvironment in Dr. Robert Weinberg lab
- 4. Postdoctoral fellow –University of California, Los Angeles, 2007-2009
  - Research on transcriptional and transductional targeting of colorectal cancer metastasis with adenovirus-mediated gene therapy in Dr. Harvey Herschman lab.

#### CURRICULUM VITAE

Lun-De Liao, Ph.D., (Male, Birthday: 1984/05/06)

Assistant Principal Investigator,

Institute of Biomedical Engineering and Nanomedicine,

National Health Research Institutes, Taiwan. Email: <a href="mailto:ldliao@nhri.org.tw">ldliao@nhri.org.tw</a>

#### EDUCATION/TRAINING

Nov 2015-present	Assistant Principal Investigator	Institute of Biomedical Engineering and
-		Nanomedicine, National Health Research
		Institutes, Taiwan.
2015 -March 2018	Head of Publicity/	The Society for Neuroscience (SfN),
	Memberships	Singapore Chapter.
May 2014-Nov 2015	Senior Research Scientist	Singapore Institute for Neurotechnology,
		National University of Singapore.
Aug 2012-May 2014	Research Scientist	Singapore Institute for Neurotechnology,
		National University of Singapore.
Feb - Aug 2012	Postdoctoral Fellow	Brain Research Center,
		National Chiao Tung University, Taiwan.
2008-2012 Feb	Ph.D.	Department of Electrical Engineering,
		National Chiao Tung University, Taiwan.

#### RESEARCH INTEREST / FIELDS OF SPECIALTY

NeuroPhotonics, Experimental neuroscience, In-vivo optical microscopy

#### PROFESSIONAL ACTIVITIES

Guest Editor	Special Issue on "Smart Products and Services in Medicine and Health Care" for Advanced Science, Engineering and Medicine (2012-2013) (SCI Journal)
	Special Issue on "Optical Brain Imaging" for Medical and Biological Engineering & Computing (2014-2015) (SCI Journal)
	1 0 1 / 1
	Special Issue on "Advances in Brain-Computer Interface" for The Scientific World
	Journal (2014-2015) (SCI Journal)
	Special Issue on "Fuzzy Brain-Computer Interface Systems" for International
	Journal of Fuzzy Systems (2016-2017) (SCI Journal)
Associate Editor	Advanced Science, Engineering and Medicine (since 2012~) (SCI Journal)
	Journal of Nanoscience and Nanotechnology (since 2012~) (SCI Journal)
	Medical and Biological Engineering & Computing (since 2013~) (SCI Journal)
	Biosensors Journal (since 2013~)
	Journal of Electrical & Electronic Systems (since 2013~)
Guest Associate Editor	NanoNeurophotonics issue, Neurophotonics, SPIE. (2015) (SCI Journal)

#### **Curriculum Vitae**

#### 侯雅琴 Ya-Chin Hou

Institute of Clinical Medicine, College of Medicine, National Cheng Kung University

Address: Room 06016, 6F, No. 138, Sheng-Li Road, East Dist., Tainan City, Taiwan

Telephone Number: 886-6-2353535 ext 3116

E-mail: yachi2016@yahoo.com.tw

#### **Education**

2010.02~2015.03 Ph.D, Institute of Basic Medical Science, College of Medicine, National Cheng Kung University, Tainan, Taiwan

2006.09~2008.06 M.S, Graduate Institute of Biotechnology, National Chung Hsing University, Taichung, Taiwan

#### **Research interests**

- ♦ Tumor biology
- ♦ Stem cell biology
- ♦ Immunology
- ♦ Cellular and molecular biology

#### Research experience

#### Postdoctoral research

2015.04~present Institute of Clinical Medicine, College of Medicine, National Cheng Kung University, Tainan, Taiwan

- ♦ Dissecting the functional alterations of immunregulatory components during pancreatic tumorigenesis.
- ♦ Multifaceted evaluations of tumor metabolism and microenvironment reprograming in the pathogenesis and development of targeted therapy in pancreatic cancer.
- ❖ Interplay between pancreatic cancer stem cells and tumor microenvironment and its translational application.

#### Doctoral research

♦ Thesis title: The mutual interaction between tumor associated macrophages and cancer cells and its impact on pancreatic cancer stemness.

# **Curriculum Vitae**

Name: Wu, Ren-Chin (吳仁欽)

#### **Education:**

- MD: Chang Gung University School of Medicine, Taoyuan, Taiwan
   (1993 2000)
- •PhD: Department of Pathology (Graduate Program in Pathobiology), Johns Hopkins University School of Medicine, Baltimore, USA (2009 2014)

#### **Professional Employment:**

- Assistant Professor, Chang Gung University College of Medicine,
   Taoyuan, Taiwan (2017-2018)
- Assistant Professor, Department of Anatomic Pathology, Chang Gung Memorial Hospital, Linkou, Taiwan (2015-2017)
- Attending Pathologist, Department of Anatomic Pathology, Chang
   Gung Memorial Hospital, Linkou, Taiwan (2014-2017)
- Postdoctoral fellow, Department of Pathology, Johns Hopkins Medical Institutes, Baltimore, USA (2014)
- Attending Pathologist, Department of Pathology, Chang Gung
   Memorial Hospital, Linkou & Chiayi, Taiwan (2005-2009)

# Professional society membership:

- Formosan Medical Association
- Taiwan Society of Pathology (The Taiwan Division of International Academy of Pathology)
- Taiwan Society of Clinical Pathology and Laboratory Medicine
- Taiwan Society of Clinical Cytology
- United States and Canadian Academy of Pathology

#### **Honors and Awards:**

 Scholar-in-Training Award, American Association for Cancer Research, May 2013 (AACR Chromatin and Epigenetics in Cancer Special Conference)

Excellence in Translational Research Award, Johns Hopkins
 Pathology Young Investigator's Day, April 2014

Research Interests: Cancer biology, molecular pathology, cancer genomics

#### **CURRICULUM VIATE**

Name: Hui-Jen Tsai, M.D. PhD. (蔡慧珍)

Institute: National Institute of Cancer Research, National Health Research Institutes

Department of Internal Medicine, National Cheng Kung University Hospital

Address: No.367, Sheng Li Road, Tainan 70456, Taiwan R.O.C.

Tel: (O) 886-6-7000123 ext.65149

Fax: (O) 886-6-2083427

E-mail: hjtsai@nhri.org.tw

#### **EDUCATION:**

1989.9 - 1993.6 Bachelor. National Chiao Tung University, Hsinchu, Taiwan
 1993.9 - 1998.6 M.D. Kaohsiung Medical University, Kaohsiung, Taiwan
 2005.9 - 2014.7 PhD. Graduate Institute of Medicine, College of Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan

#### POSTDOCTORAL TRAINING

2006.8 - 2008.1 Visiting Researcher, Division of Molecular Therapy, The Institute of Medical Science, The University of Tokyo

2003.8-2006.7 Attending Physician, Division of Hemato/Oncology,
Department of Internal Medicine, Kaohsiung Medical
University Hospital.

2001.8 - 2003.7 Chief Resident, Department of Internal Medicine, Kaohsiung Medical University Hospital

1998.8 - 2001.7 Residency training, Department of Internal Medicine, Kaohsiung Medical University Hospital

1997.6 - 1998.5 Internship, Kaohsiung Medical University Hospital

#### LICENSURE AND CERTIFICATION:

1998 National Medical Board of Republic of China

2001 Specialist of Internal Medicine, Taiwan, R.O.C.

- 2003 Specialist of Hematology, Taiwan, R.O.C.
- 2004 Specialist of Medical Oncology, Taiwan, R.O.C.

# **HOSPITAL APPOINTMENTS:**

2015.10 -	Assistant Investigator, National Institute of Cancer Research,
	National Health Research Institutes
2011.1- 2015.9	Attenting Physician, National Institute of Cancer Research,
	National Health Research Institutes
2003.8-2010.7	Attending Physician, Division of Hemato-Oncology, Department
	of Internal Medicine, Kaohsiung Medical University Hospital

#### **URRICULUM VITAE**



Ying-Jui Chao, MD (趙盈瑞)

Assistant professor of general surgery National Cheng-Kung University Hospital No.138,Sheng Li Road,Tainan, Taiwan 704, R.O.C.

#### **Medical Education**

1996~2003- M.D., College of Medicine Taipei Medical University, Taipei, Taiwan

#### **Postdoctoral Training**

2004.4~2006.7- Resident, Department of Surgery, National Cheng Kung University Hospital

2006.8~2007.7- Resident, Division of General Surgery, Department of Surgery,

National Cheng Kung University Hospital

2007.8~2009.7- Chief Resident, Division of General Surgery, Department of

Surgery, Nation Cheng Kung University Hospital

#### **Medical Licensures**

Diploma, Board of Surgery (Taiwan)

Diploma, Board of Digestive Surgery (Taiwan)

Diploma, Board of Endoscopic Surgery (Taiwan)

#### **Hospital Appointment**

2009.8~2010.7- Attending Surgeon, Division of General Surgery, Department of Surgery, Tainan Municipal Hospital

2010.8~2012.7- Attending Surgeon, Division of General Surgery, Department of Surgery, National Cheng Kung University Hospital, Dou-Liou branch 2012.8~ Attending Surgeon, Division of General Surgery, Department of Surgery, National Cheng Kung University Hospital 2016.8~ Assistant professor, Division of General Surgery, Department of Surgery, National Cheng Kung University Hospital

#### **Honors and Awards**

- 2012 2<sup>nd</sup> place, Award of Best Video competition of endoscopic surgery, 71th Annual meeting of Taiwan Surgical Association
- 2016 Best paper award of Taiwan association for endoscopic surgery, 75<sup>th</sup> Annual meeting of Taiwan Surgical Association

#### 顏家瑞 Chia-Jui Yen, MD, Ph.D.

Department of Internal Medicine

National Cheng Kung University Hospital Tainan Taiwan

138 Sheng-Li Road, Tainan City, Taiwan 701

yencj@mail.ncku.edu.tw Tel: 1-886-6-2353535-4559

#### Personal Profile

Nationality Citizen of Taiwan
 Date of Birth July, 31, 1969
 Status Married

Language Mandarin, English, Taiwanese

#### Education

<ul> <li>National Cheng Kung University, Tainan, Taiwan</li> </ul>	2003-2012
Institute of Clinical Medicine, PhD	
• National Yan-Ming University, Taipei, Taiwan	1988-1995
College of Medicine, MD	

#### Work Experience

#### Currently position

#### Professional Licensure and Membership

2004-	Specialist of Hematology
	The Hematology Society of Taiwan
2004-	Specialist of Hospice Palliative Medicine
	Taiwan Academy of Hospice Palliative Medicine
2002-	The board of Medical Oncology

### **CURRICULUM VITAE**

NAME: Tsann-Long Hwang (黃燦龍)

**SEX:** Male.

BIRTH DAY: Oct. 22, 1952. CITIZENSHIP: TAIWAN.

**CHINESE PERMANENT REGISTRATION NO.: A102336755** 

**LANGUAGE:** Chinese

**SPONSE:** Her Meei-Meei,

Birth Day: Nov. 24, 1952.

**EDUCATION: M.B.** (Equivalent to M.D. in U.S.A.)

**September 1970 - June 1977.** 

School of Medicine, National Taiwan University, Taipei,

Taiwan.

#### **POST-GRADUATE EDUCATION:**

Research Fellow, Department of Surgery

Apr. 1985 - Feb. 1986.

Brigham and Women's Hospital,

Harvard Medical School, Boston, MA., U.S.A.

#### **ACADEMIC APPOINTMENT:**

Professor of Surgery (1994),

**Associate Professor (1991)** 

Approved by Chang Gung Memorial Hospital & Medical

College, Taipei, Taiwan.

Professor of Surgery (1994),

Associate Professor (1991)

Approved by Educational Administration of Taiwan.

#### **EMPLOYMENT RECORD:**

1976-1977

Intern, National Taiwan University Hospital, Taipei, Taiwan, (The Best Intern)

1977-1978

First year surgical resident, Chang Gung Memorial Hospital, Taipei, Taiwan.

1978-1982

Complete surgical residency, National Taiwan University Hospital, Taipei, Taiwan.

1982-1983

Fellow, General surgery, Chang Gung Memorial Hospital, Taipei, Taiwan.

1983-present

Attending staff, General surgery, Chang Gung Memorial Hospital, Taipei, Taiwan.

1984-2000

Director, Nutritional Support Service, Chang Gung Memorial Hospital, Taipei.

1986-1988

Section Chief, General surgery, Chang Gung Memorial Hospital at Keelong.

1993-2003

Director, Experimental surgery, Chang Gung Memorial Hospital, Taipei, Taiwan.

1994-2000

Chief, Department of Nutritional Therapy, Chang Gung Memorial Hospital, Taipei.

1995-2000

Chairman, Department of Surgery, Chang Gung Memorial Hospital, Taipei, Taiwan.

2000-2008

Dean, School of Medicine, Chang Gung University, Tau-Yuan, Taiwan. Vice President, Chang Gung Memorial Hospital, Taipei, Taiwan.

2008-2009

Chairman, Trauma Center, Chang Gung Memorial Hospital, Taipei, Taiwan.

2010-Present

Chairman, Committee of Enteral and Parenteral Nutrition, Chang Gung Memorial Hospital, Taipei, Taiwan

2010-Present

Chairman, Committee of Stem Cells and Tissue Engineering Research, Chang Gung Memorial Hospital, Taipei, Taiwan

2012-Present

President, Taiwan Society of Gastroenterological Surgery, Taipei Taiwan

2013-Present

President, Society of International College of Surgeon, Taipei Taiwan

#### **BOARD CERTIFICATION:**

- 1. Diplomate Medicine of Republic of China (Physician License, November 1977)
- 2. Educational Commission for Foreign Medical Graduate (ECFMG, March 1983)
  - 3. Surgical Board of Republic of China. (Surgical Board certified, Sept. 1982)
  - 4. International College of Surgeon, section of R.O.C., 1988.
  - 5. Fellow of American College of Surgeons (FACS) Oct. 1993.

LICENSURES: Chinese (Taiwan) License No. 007503.

#### **PROFESSIONAL AFFILIATIONS:**

- 1. Collegium Internationale Chirugiae Digestivae.
- 2. International Hepato-Biliary Pancreatic Association.
- 3. American Society for Parenteral and Enteral Nutrition.
- 4. American College of Surgeons
- 5. American Society for Alimentary Surgeons
- 6. European Society for Parenteral and Enteral Nutrition.
- 7. Shock Society
- 8. The Association of Surgeon of South East Asia.
- 9. The Taiwan Surgical Association.
- 10. Surgical Society of Gastroenterology, R.O.C.
- 11. The Gastroenterological Society of the Republic of China.
- 12. Formosan Medical Association.
- 13. Taiwan Pancreas Society
- 14. Taipei Physician Society.
- 15. Ultrasound in Medicine of Republic of China
- 16. Taiwan Society for Parenteral and Enteral Nutrition.
- 17. Chinese Society of Free Radicals
- 18. Taiwan Trauma Society

#### PROFESSIONAL ACTIVITIES

- 1. Chairman of Educational committee of Chang Gung Memorial Hospital.(2001-2003)
  - 2. Chief of Dept. of Nutritional Therapy of Chang Gung Memorial Hospital. (1994-2000)
- 3. Chief of Experimental Surgery of Chang Gung Memorial Hospital. (1993-2003)
  - 4. Chairman of Department of Surgery, Chang Gung Memorial Hospital.

#### (1995-2000)

- 5. President, Chinese Society of Parenteral and Enteral Nutrition. (1997-2001)
  - 6. President, Asian Pacific Association of PBL. (2003-2004)
  - 7. Dean, School of Medicine, Chang Gung University. (2000-2008)
  - 8. Vice President, Chang Gung Memorial Hospital. (2000-2008)
  - 9. Chairman, Trauma Center, Chang Gung Memorial Hospital. (2008-2010)
- 10. Director of Pancreatic Cancer Team, Chang Gung Memorial Hospital. (2006-presnet)
  - 11. President, Taiwan Pancreatic Society. (2006-2009)
  - 12. Chairman of Pancreatic Cancer group, TCOG, Taiwan. (2005-present)
  - 13. President, Taiwan Surgical society of Gastroenterology. (2012-2014)
  - 14. President, Society of International College of Surgeon, ROC. (2013-2015)

#### EDITOR OF INTERNATIONAL JOURNAL

- 1. Editor: "Journal of Hepato-Biliary Pancreatic Sciences"
- 2. Editor: "World Journal of GI Oncology"
- 3. Editor: "Asian Journal of Surgery"
- 4. Editor: "Formosan Journal of Surgery"

#### **PUBUBLICATIONS:**

More than 300 peer-review papers.