



## Program Book

**Theme: The Cutting Edge of Digestive Medicine**

Date: October 4<sup>th</sup> (Fri), 2024

Venue: First Teaching Building B1 Performing Center of Kaohsiung Medical University

高雄醫學大學第一教學大樓B1演藝廳

Date: October 5<sup>th</sup> (Sat) ~ 6<sup>th</sup> (Sun), 2024

Venue: Kaohsiung Marriott Hotel 高雄萬豪酒店8樓

### Organizers:

The Gastroenterological Society of Taiwan (GEST) 台灣消化系醫學會

The Digestive Endoscopy Society of Taiwan (DEST) 台灣消化系內視鏡醫學會

Taiwan Association for the Study of the Liver (TASL) 台灣肝臟研究學會

Taiwan Surgical Society of Gastroenterology (TSSG) 台灣消化系外科醫學會

Taiwan Society of Pediatric Gastroenterology, Hepatology and Nutrition (TSPGHAN)

台灣小兒消化醫學會

Taiwan Pancreas Society (TPS) 台灣胰臟醫學會

Taiwan Liver Cancer Association (TLCA) 台灣肝癌醫學會

Taiwan Society of Coloproctology (TSC) 台灣大腸直腸醫學會

Taiwan Association for the Study of Small Intestinal Diseases (TASSID) 台灣小腸醫學會

Taiwan Neurogastroenterology and Motility Society (TNMS) 台灣胃腸神經與蠕動學會

Taiwan Microbiota Consortium (TMC) 台灣微菌聯盟

Taiwan Society of Interventional Radiology (TSIR) 臺灣介入放射線學會



Website: [www.tddw.org](http://www.tddw.org)



WebAPP

# INDEX **2024**

## Taiwan Digestive Disease Week, TDDW

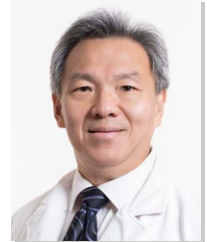
Welcome Message .....	1
Brief Introduction to the Society .....	2
Program at a Glance .....	14
Board Members .....	17
Congress Information.....	19
Invited Foreign Guests.....	24
Postgraduate Course – Frontiers and Clinical Practice in Digestive Diseases.....	28
Free Paper (1) – HBV .....	29
Special Lecture (1).....	34
Special Lecture (4).....	34
Opening Ceremony.....	34
Chairman’s Lecture.....	34
Symposium (2) – HBV .....	35
Free Paper (2) – UGI .....	36
Special Lecture (2).....	40
Special Lecture (5).....	40
Symposium (3) – Emerging Issues and Unmet Needs in Colonoscopy Practice.....	41
Symposium (6) – Controversial Issues in Colonoscopy Practice.....	42
Free Paper (3) – HCV .....	43
Special Lecture (3).....	46
Special Lecture (6).....	46
Symposium (4) – New Perspectives on the Treatment of <i>Helicobacter pylori</i> .....	47
Symposium (7) – IASL/TDDW Symposium: Cutting Edge for Liver Disease .....	48
Free Paper (4) – Pancreas / Biliary .....	49
Symposium (1) – Cutting Edge Knowledge of Pancreatology .....	52
Symposium (5) – Advances in Neurogastroenterology and Motility Symposium: Optimization of Clinical Management.....	53
Symposium (8) – Cutting Edge of Digestive Diseases.....	54
Free Paper (5) – SLD.....	55
Research Award – Liver.....	59
Research Award – GI .....	63
Young Investigator Award (YIA).....	67
Forum of Gastroenterological Primary Care Setting .....	71

Special Lecture (7).....	72
Special Lecture (8) .....	72
Special Lecture (10) .....	72
Prof. Teh-Hong Wang Memorial Lecture .....	72
Symposium (13) – Microbiota and Cancer .....	73
Hepatology Debrief – APASL & EASL 2024 .....	74
Free Paper (6) – Cirrhosis & Portal .....	75
Special Lecture (9) .....	78
Symposium (10) – MASLD .....	79
Symposium (14) – Breakthroughs in Innovative EUS-Guided Therapies for GI Diseases.....	80
Gastroenterology Debrief – DDW & WEO 2024 .....	80
Prof. Juei-Low Sung’s Research Foundation 37th Annual Academic Meeting.....	81
Global & Taiwanese Guideline.....	83
Symposium (9) – Cutting-Edge Advances in Interventional Radiology for the Digestive System.....	84
Symposium (11) – How Can We Improve the Standard of Care in IBD .....	85
Global & Taiwanese Guideline.....	86
Free Paper (7) – HCC.....	87
Free Paper (8) – LGI.....	92
Symposium (12) – Cutting Edge Treatment for Liver Cancer .....	95
Poster – Liver .....	96
Poster – Gastroenterology .....	126
Satellite Symposium (1) – Gilead .....	152
Satellite Symposium (2) – Yuan Yu .....	153
Satellite Symposium (3) – Abbvie .....	154
Satellite Symposium (4) – BMS.....	155
Satellite Symposium (5) – Menarini.....	156
Satellite Symposium (6) – Roche .....	157
Satellite Symposium (7) – Lotus.....	158
Satellite Symposium (8) – TSSG .....	159
Satellite Symposium (9) – Chi Hsing .....	160
Satellite Symposium (10) – Era .....	161
Satellite Symposium (11) – Yuan Yu.....	162
Satellite Symposium (12) – Fujifilm .....	163
Satellite Symposium (13) – Takeda .....	164
Satellite Symposium (14) – Celltrion.....	165
Acknowledgement .....	166

## Welcome Message

Dear colleagues, ladies and gentlemen,

I am Chia-Yen Dai, Chairman of the Organization of Taiwan Digestive Disease Week (TDDW). On behalf of the organizing committee, it's my great pleasure to extend a warm welcome to you to attend the TTDDW 2024 held over three days at the Marriott Hotel in the beautiful city of Kaohsiung, Taiwan. With the first day dedicated entirely to the Educational Lectures (Post-graduate course), the general program will run for the 2nd and 3rd days. I am honored to invite you to join our exploration of the latest advancements in the field of digestive diseases.



TDDW is hosted by academic societies in Taiwan including The Gastroenterological Society of Taiwan (GEST), The Digestive Endoscopy Society of Taiwan (DEST), Taiwan Association for the Study of the Liver (TASL), Taiwan Surgical Society of Gastroenterology (TSSG), Taiwan Society of Pediatric Gastroenterology, Hepatology and Nutrition (TSPGHAN), Taiwan Pancreas Society (TPS), Taiwan Liver Cancer Association (TLCA), Taiwan Society of Coloproctology (TSC), Taiwan Association for the Study of Small Intestinal Diseases (TASSID), Taiwan Neurogastroenterology and Motility Society (TNMS), Taiwan Society of Interventional Radiology (TSIR), and Taiwan Microbiota Consortium (TMC). We have curated an engaging program that includes special lectures, scientific sessions with symposiums, panel discussions, satellite symposiums, and oral/poster presentations with the main theme "The Cutting Edge of Digestive Medicine" in the field of gastroenterology and hepatology. All experts around the globe from several countries will share their valuable insights and offer comprehensive perspectives exploring the latest developments in screening, diagnosis, assessment, pathogenesis, current therapeutic approaches, and future clinical management, pushing beyond the limits of multidisciplinary knowledge.

I believe that TDDW 2024 is where you'll discover the latest research learn about advances in clinical practice and grow as a professional, and there will be remarkable opportunities to learn from the best minds in the field and establish fruitful connections for future collaborations. With your participation, we will make good preparations to make this prominent scientific convention in Kaohsiung a fruitful one. I would like to express my appreciation to all colleagues in the associated societies of gastroenterology, hepatology, endoscopy, oncologists, surgeons, interventional radiology, and pediatricians from Taiwan and all over the world for your generous support of the scientific activities of TDDW. With cordial invitation, welcome to the TDDW 2024 again and we eagerly look forward to your participation in Kaohsiung, Taiwan.

*Chia-Yen Dai*

Chia-Yen Dai, M.D., Ph.D.

Chairman, Taiwan Digestive Disease Week 2024

Vice Superintendent, Kaohsiung Medical University Hospital, Kaohsiung Medical University

Professor, Faculty of Internal Medicine, School of Medicine, Kaohsiung Medical University

Executive Director, Taiwan Liver Cancer Association

Director, The Gastroenterology Society of Taiwan

Director, Taiwan Academy of Tumor Ablation

---

## Brief Introduction to the Society

---



### The Gastroenterological Society of Taiwan (GEST)

I am honored to address you as we reflect on our journey and celebrate the remarkable growth and achievements of our society. Since its official founding in Taipei on March 15th, 1970, by Professor Juei-Low Sung, the Gastroenterological Society of Taiwan (GEST) has emerged

as a beacon of excellence and collaboration in the field of gastroenterology and hepatology.



As we commemorate 54 years of dedication and progress, it is with great pride that I stand before you as the current President, following in the footsteps of prior esteemed leaders. Together, we have witnessed GEST evolve from a small group of practicing gastroenterologists to a thriving organization boasting more than 2500 members. Our membership encompasses practicing gastroenterologists, hepatologists, and researchers dedicated to advancing both basic and clinical aspects of our field.

At the core of GEST's mission are principles aimed at enhancing patient care, nurturing the next generation of leaders through comprehensive fellowship training, fostering cutting-edge research, and fostering camaraderie through regular conventions and educational programs. We uphold values of mentorship, knowledge exchange, and a steadfast commitment to professional growth, recognizing that our collective expertise is our greatest asset.

Furthermore, GEST is committed to facilitating communication and collaboration with international societies and esteemed experts. To this end, we are dedicated to organizing regional or even international conferences, providing platforms for cross-cultural exchange and networking opportunities. Additionally, we actively encourage and support the participation of our young and promising members in international conventions, amplifying their voices and contributions on a global scale.

As we look ahead to the future, let us reaffirm our commitment to excellence, innovation, and collaboration. Together, we will continue to advance the frontiers of gastroenterology and hepatology, making meaningful strides in patient care, research, and professional development.

Lastly, I would extend my deepest gratitude to each participating society and everyone of you for your unwavering support, dedication, and contributions to the TDDW 2024 in Kaohsiung. It is through our collective efforts that we will continue to shape the landscape of digestive diseases in Taiwan and beyond.

With warmest regards,

President: Jia-Hong Kao, M.D., Ph.D., FAASLD  
Secretary General: Jyh-Ming Liou, M.D., Ph.D.  
Website: [www.gest.org.tw](http://www.gest.org.tw)

## Brief Introduction to the Society



### The Digestive Endoscopy Society of Taiwan (DEST)

The Digestive Endoscopy Society of Taiwan (DEST) is a national society representing digestive endoscopists in Taiwan. It was established in Taipei on Feb 15th, 1992, by Professor Teh-Hong Wang and Professor Juei-Low Sung. The current president is Professor Cheng-Tang Chiu.



Over the past 32 years, the number of members in DEST has grown from the initial 500 members to nearly 3,300 members, consisting of 1,924 endoscopists and nearly 1,342 technicians. The society comprises endoscopists from many fields, including gastroenterology, pediatric gastroenterology, general surgery, and colorectal surgery.

DEST aims to promote research, publish academic journals, and host a variety of conferences periodically. DEST is an active member of the international societies of digestive endoscopy, including APSDE and WEO.

In the light of enhancing our knowledge and technology in endoscopy, DEST has held many international conferences, live demonstrations, and hands-on animal workshops in the past years. DEST has also cooperated more frequently with international societies and leading experts in digestive endoscopy recently. DEST will continue to participate in global activities and strengthen its role internationally.

President: Cheng-Tang Chiu, M.D., AGAF  
Secretary General: Ping-Huei Tseng, M.D., Ph.D.  
Website: [www.dest.org.tw](http://www.dest.org.tw)

---

## Brief Introduction to the Society

---



### Taiwan Association for the Study of the Liver (TASL)

Taiwan Association for the Study of the Liver (TASL) was founded in January 1990 and has 273 members nowadays. The current president is Professor Chun-Jen Liu. The members are composed of practicing hepatologists, surgeons, pathologists, researchers in basic and clinical hepatology as well as experts in molecular medicine. Missions of TASL are to enhance the quality of patient care, train young fellows, promote research in hepatology and related fields, and develop friendship through regular conventions and education programs. Mentoring, knowledge exchange and dedication to professional growth are the core values of TASL and its members. Our society also actively involves in the development of local and regional guidelines for the management of chronic hepatitis B, chronic hepatitis C and hepatocellular carcinoma. Facilitation of communication with international societies and outstanding experts/leaders is another important goal of our society. To achieve this goal, TASL was the organizing society of both APASL annual meeting in 2002, 2012, and 2023, and APASL Single Topic Conference in 2016, 2018, 2022, and 2024 in Taiwan. In addition, we hosted the Global Hepatitis Summit 2021 in Taipei. In these three years, TASL also organized the Joint Symposia with AASLD and EASL, respectively during our annual meeting. We will be the host country for APASL 2025 Single Topic Conference in Taipei. We strongly encourage and support the active participation and presentation of our members and young investigators during international conferences.



President: Chun-Jen Liu, M.D., Ph.D.  
Secretary General: Pin-Nan Cheng, M.D., Ph.D.  
Website: [www.tasl.org.tw](http://www.tasl.org.tw)

## Brief Introduction to the Society



### Taiwan Surgical Society of Gastroenterology (TSSG)

Taiwan Surgical Society of Gastroenterology was founded in 1987. The objective of the Society is to integrate professional development, to organize periodical meetings, to educate and recruit new GI surgeon specialist, hospital accreditation and to develop international cooperation. For the past 37 years, 19 Presidents dedicated themselves to the Society, so that we have the scale of 2,300 members now.



To fulfill certain circumstances of different stages, the title of the Society changed from “Surgical Society of the Republic of China” in the beginning, to “Taiwan Surgical Society of Gastroenterology” in 2003, then to “The Juridical Association Taiwan Surgical Society of Gastroenterology” in 2012. Now, the title is “Taiwan Surgical Society of Gastroenterology” .

The Executive Committee consists of 27 directors and 9 supervisors. There are six special committees assisting different operation of the Society, including Validation Committee, Academic Committee, Education Committee, Policy Committee, International Affair Committee, and Quality Management Committee. In recent 15 years, we incorporate more minimal invasive surgery procedures for hepatobiliopancreatic and gastroenterologic diseases and regular course to train young surgical residents. In the pandemic COVID 19 lock-down era, all the meetings were held in the virtual version. In later half of 2022, all the meetings changed to hybrid form with both on-site and virtual meeting. Now, most of the meetings were on-site meeting as possible.

With the contribution of our outstanding members, I believe our future is hopeful, our journey goes forward, and the state of our Society is more and more strong.

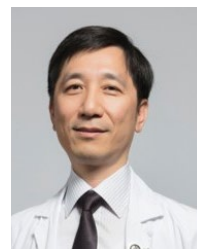
President: Yan-Shen Shan, M.D., Ph.D.  
Secretary General: Yih-Jyh Lin, M.D.  
Website: [www.tssg.org.tw](http://www.tssg.org.tw)

## Brief Introduction to the Society



### Taiwan Society of Pediatric Gastroenterology, Hepatology and Nutrition (TSPGHAN)

Pediatric Gastroenterology, Hepatology and Nutrition is an essential subspecialty in Pediatrics. It covers not only disciplines of nutrition but also functions, developments, and diseases related to digestive organs. This subspecialty



has flourished into a well organized professional society in developed countries. With similar intents to advance therapeutics in the aforementioned fields, to keep children in sound health, and to communicate with their counterparts in the world, TSPGHAN was officially established on Aug. 26, 1998 in Taipei. Prof. Mei-Hwei Chang was the founding President, and succeeded by seven electees for a term of 3 years apiece. Under their leadership, TSPGHAN has thrived substantially to a society of 393 members nowadays.

TSPGHAN's efforts in medical education and professional business in past few years have been well recognized by international peer professionals. We were privileged to host the 4th World Congress of Pediatric Gastroenterology, Hepatology, and Nutrition (WCPGHAN) in Taipei International Convention Center in 2012, attracting more than 1500 foreign pediatric gastroenterologists from 88 different countries to attend and to set a platform for global communication in academic progresses. To cultivate and encourage young members who dedicate to Pediatric GI research, we held the first and third Taiwan-Japan-Korea Pediatric GI Joint Conference for young investigators in Taipei in 2014 and 2017 with great success. We also participated actively in the Asian Pan-Pacific Society of Pediatric Gastroenterology, Hepatology, and Nutrition (APPSPGHAN) annual meetings, training courses, and in collaboration with NASPGHAN, and FISPGHAN. During the Covid-19 pandemic since 2020, many international meetings were affected. In Sep 2021, the TSPGHAN held the first all virtual APPSPGHAN Hepatology Masterclass, inviting international renowned speakers and panelist, with 400 participants. TSPGHAN are continuing to devote more and more in innovation and intensification of training program for Pediatric GI fellows, updated continuing education for specialists, and in facilitating the international collaboration for our members.

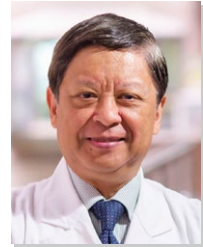
President: Yao-Jong Yang, M.D., Ph.D.  
Secretary General: Jia-Feng Wu, M.D., Ph.D.  
Website: [www.tspghan.org.tw](http://www.tspghan.org.tw)

## Brief Introduction to the Society



### Taiwan Pancreas Society (TPS)

The Taiwan Pancreas Society was founded in 1996 by Professor Miin-Fu Chen from Lin-Ko Chang Guang Memorial Hospital (LK-CGMH) and Professor Teh-Hong Wang from National Taiwan University. Professor Miin-Fu Chen was the founding president, and succeeded by Professor Kuo-Ching



Yang from Shin Kong Wu Ho-Su Memorial Hospital, Professor Tsann-Long Hwang from LK-CGMH, Professor Lein-Ray Mo from Tainan Municipal Hospital, Professor Yi-Yin Jan from LK-CGMH, Professor Chia-Long Lee, from Cathay General Hospital, and Professor Ta-Sen Yeh from LK-CGMH for a term of 3 years apiece.

There are currently 191 members including gastroenterologists, general surgeons, radiologists and pathologists. The missions of TPS are to enhance the diagnosis and treatment of pancreatic disease, to provide a channel for members to promote researches and publication, and to facilitate the communication with international societies.

On behalf of TPS, I would like to express my great appreciation to the organizing committee and distinguished speakers as well as all the participants of the meeting. I am sure that this congress will provide as unique opportunity to obtain the most update knowledge of the pancreatic disease.

President: Jaw-Town Lin, M.D., Ph.D.  
Secretary General: Wen-Hsin Huang, M.D.  
Website: [www.twpancreas.org.tw](http://www.twpancreas.org.tw)

---

## Brief Introduction to the Society

---



### Taiwan Liver Cancer Association (TLCA)

The Taiwan Liver Cancer Association (TLCA) was officially founded in May 2008. The current president is Prof. Yi-Hsiang Huang. There are 453 members currently, including hepatologists, hepatobiliary surgeons, pathologists, interventional radiologists, radio-oncologists, medical-oncologists and basic researchers of liver cancers. Taiwan Liver Cancer Association, formerly known as Taiwan Liver Cancer Study Group, was established in July 2003 by Dr. Chung-Kwe Wang. After five years of continuous meetings with all the enthusiastic members, he had the vision to see the necessity of founding the TLCA.



Liver cancer is the leading cause of cancer death in Taiwan. The mission of TLCA is to update and improve the diagnosis, treatment and prevention of liver cancer, exchange liver cancer treatment technology and experience, promote basic research in hepatology, communicate with internationally renowned scholars and host international symposiums. With the mission of promoting the internationalization of the association, TLCA-Korean Liver Cancer Association (KLCA) joint symposium have been held in Taiwan and South Korea in 2024. TLCA will further collaborate with Japan Liver Cancer Association (JLCA) in 2025.

It is the honor of TLCA to join the TDDW 2024 and welcome all the members of GEST and TLCA to participate in this fruitful and productive convention.

President: Yi-Hsiang Huang, M.D., Ph.D.  
Secretary General: I-Cheng Lee, M.D., Ph.D.  
Website: [www.tlcaweb.org.tw](http://www.tlcaweb.org.tw)

## Brief Introduction to the Society



### Taiwan Society of Coloproctology (TSC)

The Taiwan Society of Coloproctology was founded officially in Taipei on February 27, 2010 by Professor King-Jen Chang. The current president is Professor Jin-Tung Liang. In recent years, the well-established multidisciplinary (MDT) team has played a very important role in treating colorectal



and anal diseases. The MDT is composed of a variety of specialist, including surgeons, gastroenterologists, medical oncologists, radiation oncologists, pathologists, radiologists, translational research professionals, nurses, case managers, nutritionists and social workers. The MDT specialists can offer individual treatment plan tailored to every patient. This approach can ensure that we make the correct diagnosis and provide the best treatment for every colorectal cancer patient.

Under this MDT framework, we established the association of Taiwan Society of Coloproctology in 2010, which now has already recruited more than three hundred specialists in our society. Our missions are as follows: First, we promote medical researches in colorectal and anal diseases. Second, we host academic lectures and provide education and training in managing colorectal diseases. Third, we plan to publish a peer-review journal and books about colorectal diseases. Fourth, we provide research grants for medical researches. Until now, we have already conducted many colorectal MDT academic meetings with the participation of international experts. We have also sponsored training programs about the quality promotion plan of colonoscopy, which is initiated by the national health promotion bureau.

In the future, our society aims to provide a platform for clinicians to drive further researches in both clinical and basic science fields. Besides, we welcome all the critiques coming from our members. In the end, this academic society belongs to all our members and can be made better with your participation.

President: Jin-Tung Liang, M.D., Ph.D.  
Secretary General: Tzu-Chun Chen, M.D.  
Website: [www.t-s-c.org.tw](http://www.t-s-c.org.tw)

## Brief Introduction to the Society



### Taiwan Association for the Study of Small Intestinal Diseases (TASSID)

The small intestine, up to six meters in length, is part of the gastrointestinal tract lies between the stomach and large intestine. The research of small intestine has been limited in the past by the inability to endoscopically examine the entire small intestine. The traditional diagnostic tools such as computed tomography, magnetic resonance imaging and small bowel series can only detect larger lesions or tumors but not having treatment.



The newer techniques such as capsule endoscopy which was introduced in 2000 and double-balloon enteroscopy which was introduced in 2001 enable the inspection of the entire small intestine as well as endoscopic interventions. Development of these two technologies let gastroenterologists know more about the small intestine disorders. Of course, challenges are also increasing.

Taiwan small Intestine study club (TSISC) was established in 2006, since then we hold meetings to exchange clinical experiences and special cases regularly throughout Taiwan. Taiwan Association of Small Intestine Diseases (TASSID) was founded officially in March, 2014. Missions of TASSID are to provide a platform to exchange academic knowledge, promote researches in relative field and benefit more patients with small intestine diseases. Atlas of Small Intestinal Disorders: Integrated Case Presentation was published in Aug 2014 and 2<sup>nd</sup> version was published in March 2023.

Thank you and we look forward to seeing you all at TDDW 2024.

Yours sincerely,

President: Kuan-Yang Chen, MD  
Secretary General: Chia-Jung Kuo, MD  
Website: [www.tassid.org.tw](http://www.tassid.org.tw)

## Brief Introduction to the Society



### Taiwan Neurogastroenterology and Motility Society (TNMS)

The Taiwan Neurogastroenterology and Motility Society (TNMS) was officially founded in 2016. Our mission is to enhance the quality of patient care, to train young fellows, to promote high-quality researches in neurogastroenterology, digestive motility and functional gastrointestinal diseases, and to nurture friendships through regular convention and education programs. Our mission also aims to dedicate to the study of brain-gut interaction with its relevance to enhance understanding and excellent management of functional GI disorders and to encourage basic and clinical research in neurogastroenterology and motility. As a professional academic society, TNMS aims to promote scientific investigations through careful peer-review processes, knowledge exchanges, and a dedication to professional distinction. TNMS also wish to serve as a platform for facilitating communication and collaboration with National Health Insurance Administration of Taiwan, international experts and other academic societies in order to establish the standards for good clinical practice and patient care. TNMS continues to grow up as a national multidisciplinary society leading the field of neurogastroenterology and motility by exhibiting excellence in research, patient care, education, and training.



President: Chien-Lin Chen, M.D., Ph.D.  
Secretary General: Wei-Yi Lei, M.D., Ph.D.  
Website: [www.tnms.org.tw](http://www.tnms.org.tw)

## Brief Introduction to the Society



### Taiwan Microbiota Consortium (TMC)

The Taiwan Microbiota Consortium (TMC), established in 2017, as a professional platform to communicate and exchange concepts, knowledge, technology, resources, and information about microbiota, is enthusiastic since its inception to cooperate with all microbiota experts from clinical medicine, basic research, bioinformatics, industry, and also the government. TMC established the first Fecal Microbiota Transplantation (FMT) Consensus in Asia in 2017 and successfully persuaded the Ministry of Health and Welfare to regulate FMT as a new therapy on September 6, 2018. With full support from our colleagues and partners, we have successfully promoted microbiota-focused research grants funded by Taiwan's National Science and Technology Council (NSTC) since 2018. TMC is dedicated to promoting microbiota research and education by holding conferences and workshops. In 2023, TMC got grant support from NSTC and established the "National Human Microbiota Research Collaboration and Technology Service Core Facility" to support microbiota research, such as novel bacteria culture, animal experiment models, metabolomics, and FMT core facility, etc. Since October, 2023, TMC collaborated with international outstanding scholars from Australia, Japan, Singapore, Malaysia, and Hong Kong, etc., to establish "Asia-Pacific Microbiota Consortium", which is a platform for knowledge, technologies, and resources sharing in the Asia-Pacific regions. We are looking forward to working closely with all academic and industrial colleagues and partners via our world-class microbiota society in the near future.



President: Chun-Ying Wu, M.D., Ph.D., MPH, LL.M.  
 Secretary General: Yao-Chun Hsu, M.D., Ph.D.  
 Website: [www.microbiota.org.tw](http://www.microbiota.org.tw)

## Brief Introduction to the Society



### Taiwan Society of Interventional Radiology (TSIR)

The Taiwan Society of Interventional Radiology (TSIR), founded on December 16, 2016, is now led by Dr. Pi-Yi Chang, M.D., Ph.D., Director of Interventional Radiology at Veterans General Hospital Taichung (VGHTC). In just eight years, TSIR has expanded rapidly, with a membership of 380 professionals from various fields related to interventional radiology.



TSIR is dedicated to advancing academic research, providing cutting-edge education for both new and experienced interventional radiologists, improving patient care, and fostering knowledge exchange across international and interdisciplinary platforms. Our society collaborates with interventional radiology societies globally and prominent Taiwanese associations in gastroenterology, hepatology, and oncology. These partnerships drive innovation, enhance patient care, and support joint research initiatives.

We are honored to participate in TDDW 2024. This year, TSIR will showcase the latest advances in interventional radiology for digestive diseases, with a focus on image-targeted therapies and minimally invasive techniques for hepatocellular carcinoma, HAIC combined with immunotherapy for HCC, advances in embolization techniques for gastrointestinal bleeding, innovative interventions in biliary tract and portal vein management, and the role of interventional radiology in pancreatic cancer. Our joint session on October 6, 2024, will highlight the importance of collaboration with local and international societies in driving innovation and improving patient outcomes. We look forward to a successful TDDW 2024 and strengthening partnerships worldwide.

President: Pi-Yi Chang, M.D., Ph.D.  
Secretary General: Chun-Yu Lin, M.D.  
Website: [www.tsir.org.tw](http://www.tsir.org.tw)

## 2024 TDDW Program at a Glance

### Theme : The Cutting Edge of Digestive Medicine

Date : October 4, 2024 (Friday)

Venue : First Teaching Building B1 Performing Center of Kaohsiung Medical University  
(高雄醫學大學第一教學大樓 B1 演藝廳)

Venue Time	B1 Performing Center (B1 演藝廳)
13:00-17:20	<p><b>Postgraduate Course</b> 『Frontiers and Clinical Practice in Digestive Diseases』 (報名繳費課程) P.28</p>

Date : October 4, 2024 (Friday)

Venue : 10F Huang Hao Chinese Restaurant of Kaohsiung Marriott Hotel  
(高雄萬豪酒店 10 樓皇豪中餐廳)

Venue Time	10F Huang Hao Chinese Restaurant (10 樓皇豪中餐廳)
18:00-19:30	<p><b>Welcome Reception</b> (By Invitation Only)</p>

# Taiwan Digestive Disease Week

Date : October 5, 2024 (Saturday)

Venue : Kaohsiung Marriott Hotel (高雄萬豪酒店 8 樓)

Venue Time	Conference Room A (萬享 A 廳)	Conference Room B (萬享 D 廳)	Conference Room C (萬享 E 廳)	Conference Room D (皇愉會議室 8-1)	Conference Room E (皇愉會議室 8-2)
08:00	Registration				
08:20-09:20	Free Paper (1) HBV P.29	Free Paper (2) UGI P.36	Free Paper (3) HCV P.43	Free Paper (4) Pancreas / Biliary P.49	Free Paper (5) SLD P.55
09:20-10:10	Special Lecture (1) <b>Prof. Mindie H. Nguyen</b> Hepatocellular Carcinoma: Prevention and Early Diagnosis P.34	Special Lecture (2) <b>Prof. Justin Wu</b> Updates in the Management of Laryngopharyngeal Reflux P.40	Special Lecture (3) <b>Prof. Ming-Shiang Wu</b> Frontiers in Modern Gastroenterology P.46	Symposium (1) Cutting edge knowledge of pancreatology TPS P.52	Research Award – Liver P.59
10:10-11:00	Special Lecture (4) <b>Prof. Francis Chan</b> Clinical Applications of Gut Microbiome: Ready for Prime Time P.34	Special Lecture (5) <b>Prof. Mohan J Ramchandani</b> Innovative Endoscopic Therapies: Navigating India's Current Landscape P.40	Special Lecture (6) <b>Prof. Emad El-Omar</b> How to Publish Your Study in Prestigious Journals P.46		Research Award – GI P.63
11:00-11:20	Opening Ceremony				
11:20-12:00	Chairman's Lecture <b>Prof. Chia-Yen Dai</b> A Great Journey: Last Mile for the Elimination of CHC in Taiwan P.34				
12:15-13:35	Satellite Symposium (1) – Gilead P.152	Satellite Symposium (2) – Yuan Yu P.153	Satellite Symposium (3) – Abbvie P.154	Satellite Symposium (4) – BMS P.155	Satellite Symposium (5) – Menarini P.156
13:40-15:20	Symposium (2) HBV TASL P.35	Symposium (3) Emerging Issues and Unmet Needs in Colonoscopy Practice DEST P.41	Symposium (4) New Perspectives on the Treatment of <i>Helicobacter pylori</i> GEST P.47	Symposium (5) Advances in Neurogastroenterology and Motility Symposium: Optimization of Clinical Management TNMS P.53	Young Investigator Award (YIA) P.67
15:20-15:30	Break				
15:30-17:10		Symposium (6) Controversial Issues in Colonoscopy Practice GEST-KASID P.42	Symposium (7) IASL/TDDW Symposium: Cutting Edge for Liver Disease GEST P.48	Symposium (8) Cutting Edge of Digestive Diseases TSSG P.54	Forum of Gastroenterological Primary Care Setting 消化系基層醫療論壇 P.71
17:10-18:30		Satellite Symposium (6) – Roche P.157	Satellite Symposium (7) – Lotus P.158	Satellite Symposium (8) – TSSG P.159	Satellite Symposium (9) – Chi Hsing P.160
18:30	Gala Dinner (Conference Room A, 8F of Kaohsiung Marriott Hotel 高雄萬豪酒店 8 樓萬享 A 廳)				

Date : October 6, 2024 (Sunday)

Venue : Kaohsiung Marriott Hotel (高雄萬豪酒店 8 樓)

Venue Time	Conference Room A (萬亨 A 廳)	Conference Room B (萬亨 D 廳)	Conference Room C (萬亨 E 廳)	Conference Room D (皇愉會議室 8-1)	Conference Room E (皇愉會議室 8-2)
08:00	Registration				
08:30-09:20	Special Lecture (7) <b>Prof. Ming-Lung Yu</b> Frontiers in Modern Hepatology P.72	Free Paper (6) Cirrhosis & Portal P.75		Symposium (9) Cutting-Edge Advances in Interventional Radiology for the Digestive System TSIR P.84	Free Paper (7) HCC P.87
09:20-10:10	Special Lecture (8) <b>Prof. Jeong-Sik Byeon</b> The Role of Endoscopy in IBD P.72	Special Lecture (9) <b>Dr. Akihiro Ohba</b> Current Japanese Clinical Practice and Future Developments in Chemotherapy Sequence for Patients with Metastatic Biliary Tract Cancers and Pancreatic Cancer P.78	【Prof. Juei-Low Sung's Research Foundation】 37th Annual Academic Meeting P.81		Free Paper (8) LGI P.92
10:10-10:20	Break				
10:20-11:10	Special Lecture (10) <b>Prof. Yasushi Sano</b> New Frontier in Diagnostic and Therapeutic Colonoscopy P.72	Symposium (10) MASLD TASL P.79		Symposium (11) How Can We Improve the Standard of Care in IBD TASSID P.85	Symposium (12) Cutting Edge Treatment for Liver Cancer TLCA P.95
11:10-12:00	【Prof. Teh-Hong Wang Memorial Lecture】 <b>Prof. Francis Chan</b> Use of Microbial Transplantation for Recurrent C Difficile Infection: Where Do We Stand? P.72		【Prof. Juei-Low Sung's Research Foundation】 37th Annual Academic Meeting P.81		
12:15-13:35	Satellite Symposium (10) – Era P.161	Satellite Symposium (11) – Yuan Yu P.162	Satellite Symposium (12) – Fujifilm P.163	Satellite Symposium (13) – Takeda P.164	Satellite Symposium (14) – Celltrion P.165
13:40-15:20	Symposium (13) Microbiota and Cancer TMC P.73	Symposium (14) Breakthroughs in Innovative EUS- Guided Therapies for GI Diseases DEST P.80	Global & Taiwanese Guideline  (1) Chronic Hepatitis B, C and D  (2) Fatty Liver and Metabolic Disorder P.83	Global & Taiwanese Guideline  (3) Practical Guideline for Evaluation and Management of Small Bowel Bleeding  (4) HCC P.86	
15:20-16:10	Hepatology Debrief: APASL & EASL 2024 P.74	Gastroenterology Debrief: DDW & WEO 2024 P.80	Global & Taiwanese Guideline  (5) HP P.83	Global & Taiwanese Guideline  (6) Pancreatic and Biliary Tract Cancers P.86	

## Board Members

President : Jia-Horng Kao 高嘉宏

Vice President :

Cheng-Tang Chiu 邱正堂  
 Chun-Jen Liu 劉俊人  
 Yan-Shen Shan 沈延盛  
 Yao-Jong Yang 楊耀榮  
 Jaw-Town Lin 林肇堂  
 Yi-Hsiang Huang 黃怡翔

Jin-Tung Liang 梁金銅  
 Kuan-Yang Chen 陳冠仰  
 Chien-Lin Chen 陳健麟  
 Chun-Ying Wu 吳俊穎  
 Pi-Yi Chang 張碧倚

Chairman : Chia-Yen Dai 戴嘉言

Members :

Ming-Jong Bair 白明忠  
 Huey-Ling Chen 陳慧玲  
 Ming-Jen Chen 陳銘仁  
 Pin-Nan Cheng 鄭斌男  
 Han-Mo Chiu 邱瀚模  
 Cheng-Hsin Chu 朱正心  
 Ming-Yen Hsieh 謝明彥  
 Yao-Chun Hsu 許耀峻  
 Chao-Wei Hsu 許朝偉  
 Po-Yao Hsu 許博堯  
 Huang-Ming Hu 胡晃鳴  
 Chung-Feng Huang 黃釗峰  
 Jee-Fu Huang 黃志富  
 Chao-Hung Hung 洪肇宏  
 Tyng-Yuan Jang 張庭遠  
 Jia-Horng Kao 高嘉宏  
 Hsueh-Chou Lai 賴學洲  
 I-Cheng Lee 李懿成

Kuei-Chuan Lee 李癸洲  
 Po-Cheng Liang 梁博程  
 Chen-Chun Lin 林成俊  
 Chih-Lin Lin 林志陵  
 Chih-Wen Lin 林志文  
 Yi-Hung Lin 林宜竑  
 Nai-Jen Liu 劉乃仁  
 Yu-Lueng Shih 施宇隆  
 Chien-Wei Su 蘇建維  
 Ming-Yao Su 蘇銘堯  
 Tung-Hung Su 蘇東弘  
 Wei-Lun Tsai 蔡維倫  
 Chia-Chi Wang 王嘉齊  
 Chih-Wen Wang 王志文  
 Yao-Kuang Wang 王耀廣  
 Yu-Ju Wei 魏鈺儒  
 I-Chen Wu 吳宜珍  
 Ming-Lung Yu 余明隆

Secretary General : Ming-Lun Yeh 葉明倫

Vice Secretary General :

Pin-Nan Cheng 鄭斌男  
 Chao-Wei Hsu 許朝偉  
 Huang-Ming Hu 胡晃鳴

Chung-Feng Huang 黃釗峰  
 Chao-Hung Hung 洪肇宏

## Scientific Committee

Chairman : Jee-Fu Huang 黃志富

Members :

Chi-Yang Chang	張吉仰	Yi-Hsiang Huang	黃怡翔
Chun-Chao Chang	張君照	Jia-Horng Kao	高嘉宏
Ming-Ling Chang	張明鈴	Chia-Long Lee	李嘉龍
Chien-Hua Chen	陳建華	Kuei-Chuan Lee	李癸川
Chien-Hung Chen	陳建宏	Chun-Che Lin	林俊哲
Chien-Lin Chen	陳健麟	Chun-Yen Lin	林俊彥
Kuan-Yang Chen	陳冠仰	Chun-Jen Liu	劉俊人
Li-Tzong Chen	陳立宗	Ching-Liang Lu	盧俊良
Ming-Jen Chen	陳銘仁	Sheng-Nan Lu	盧勝男
Pin-Nan Cheng	鄭斌男	Jiing-Chyuan Luo	羅景全
Rong-Nan Chien	簡榮南	Yen-Hsuan Ni	倪衍玄
Cheng-Tang Chiu	邱正堂	Cheng-Yuan Peng	彭成元
Han-Mo Chiu	邱瀚模	Ping-Huei Tseng	曾屏輝
Ming-Chih Hou	侯明志	Chun-Ying Wu	吳俊穎
Tsai-Yuan Hsieh	謝財源	Deng-Chyang Wu	吳登強
Rey-Heng Hu	胡瑞恒	Sheng-Shun Yang	楊勝舜
Tsung-Hui Hu	胡琮輝	Ming-Lung Yu	余明隆
Chung-Feng Huang	黃釗峰		

(The names are arranged in alphabetical order of surname)

## Congress Information

### Venue

- On October 4<sup>th</sup>, the Postgraduate Course is held at the First Teaching Building B1 Performing Center of Kaohsiung Medical University (No.100, Shicyuan 1st Rd., Sanmin Dist., Kaohsiung City, Taiwan).
- On October 5<sup>th</sup> and October 6<sup>th</sup>, the meetings and sessions are held at 8F of Kaohsiung Marriott Hotel (No. 222, Longdesin Rd., Gushan Dist., Kaohsiung City).

### Registration Hours

Registration information are listed as follows :

- October 4<sup>th</sup>  
Time : 13:00 – 15:30  
Venue : First Teaching Building B1 Performing Center of Kaohsiung Medical University
- October 5<sup>th</sup>  
Time : 08:00 – 15:30  
Venue : 8F of Kaohsiung Marriott Hotel
- October 6<sup>th</sup>  
Time : 08:00 – 14:30  
Venue : 8F of Kaohsiung Marriott Hotel

### Dates

- Postgraduate Course October 4<sup>th</sup>
- Scientific Program October 5<sup>th</sup> ~ October 6<sup>th</sup>
- Welcome Reception  
Date & Time : 18:00 – 19:30, October 4<sup>th</sup>, 2024  
Venue : 10F Huang Hao Chinese Restaurant of Kaohsiung Marriott Hotel  
Admission : By Invitation Only
- Opening Ceremony  
Date & Time : 11:00 – 11:20, October 5<sup>th</sup>, 2024  
Venue : Conference Room A, 8F of Kaohsiung Marriott Hotel  
Admission : All Members and Guests
- Gala Dinner  
Date & Time : 18:30, October 5<sup>th</sup>, 2024  
Venue : Conference Room A, 8F of Kaohsiung Marriott Hotel  
Admission : By Dining Voucher Only

### Language

English is the official language of the convention.

## Oral Presenters (Free Paper Sessions)

- Each free paper is allocated 10 minutes (including 3 minutes for free discussion). Please adhere to the time limit. The green light is on with a short ring at the 7<sup>th</sup> minute, and the red light is on with a long ring at the 10<sup>th</sup> minute.
- Additional discussion or question should be raised only with the moderator's permission, and the discussion should end immediately upon the moderator's request.
- The next speaker should be ready and seated in the waiting chair 15 minutes before presentation.
- The name of author with underline refers to speaker.

## Poster Viewing

- Posters will be on display from October 5<sup>th</sup> to October 6<sup>th</sup> in Ballroom B, 8F of Kaohsiung Marriott Hotel.
- Participants of Poster should set up their posters from 10:00, October 5<sup>th</sup> to 16:10, October 6<sup>th</sup>.
- Authors who wish to keep their poster should remove them promptly after 16:10, October 6<sup>th</sup>.

## Exhibition Date and Time

From 08:20, October 5<sup>th</sup> to 16:10, October 6<sup>th</sup>.

## Young Investigator Award (YIA)

- **Purpose**

The purpose of the Young Investigator Award (YIA) is to stimulate interest in research training by rewarding outstanding examples of excellence amongst those involved in research training in the early stages of their career (up to five (5) years following the completion of training in gastroenterology/hepatology). Authors/Applicants must be from nationalities of Asian Pacific countries.

- **Selection Process**

- **Abstract Selection**

Qualified Applicants for the YIA will be short listed according to the score assigned by the Abstract Selection Committee. Up to 8 best YIA papers shall be selected.

- **Oral Presentation**

Date & Time: 13:40 – 15:20, October 5<sup>th</sup>, 2024

All short listed papers should be granted an oral presentation. Each presenter will be given 8 minutes for presentation and 2 minutes to defend their work.

\*The authors shortlisted for the award must present their papers personally.

- **Assessment**

In assessing the applicants for the award, the panel of judges will take into account the following criteria:

- Quality & Scientific merit of the abstract – 50%
- Quality of the presentation – 25%
- Ability to defend the work – 25%

- **Award Presentation**

Date & Time: October 5<sup>th</sup>, 2024 (Gala Dinner)

Presentation of the award will be made at the faculty dinner. All short listed applicants will be invited to attend without charge. The presenters with the highest scores from the judging panel will receive awards of:

- 1st Prize: USD 2,000
- 2nd Prize: USD 1,500
- 3rd Prize: USD 1,000

## Research Award

- **Purpose**

The purpose of the Research Award is to stimulate interest in research training by rewarding outstanding examples of excellence amongst those involved in research training in the early stages of their career.

- **Selection Process**

- **Abstract Selection**

Research Award will open for people who submitted for poster presentation to apply in the end of June. Up to 16 qualified free papers submitted shall be selected as moderated posters.

- **Oral Presentation**

Date & Time: 09:20 – 11:00, October 5<sup>th</sup>, 2024

All moderated posters should be granted an oral presentation. Each presenter will be given 3 minutes for presentation to the panel of judges and 3 minutes to defend their work.

\*The authors shortlisted for the award must present their papers personally.

- **Assessment**

In assessing the applicants for the award, the panel of judges will take into account the following criteria:

- Quality & Scientific merit of the abstract – 50%
- Quality of the presentation – 25%
- Ability to defend the work – 25%

- **Award Presentation**

Date & Time: October 5<sup>th</sup>, 2024 (Gala Dinner)

Presentation of the award will be made at the faculty dinner. The presenters with the highest scores from the judging panel of each field will receive awards of:

- 1st Prize: USD 1,000
- 2nd Prize: USD 800
- 3rd Prize: USD 500

## 會議資訊

### 一、報到及領取資料袋：

- 報到時間：
  - 10月4日（星期五）13:00至15:30止。
  - 【註：10月4日 Postgraduate Course 為報名繳費課程】
  - 10月5日（星期六）8:00至15:30止。
  - 10月6日（星期日）8:00至14:30止。
- 報到地點：
  - 10月4日（星期五）高雄醫學大學第一教學大樓 B1 演藝廳
  - 10月5日（星期六）、10月6日（星期日）高雄萬豪酒店 8樓
- 報到時領取資料及餐券。
- 與會者請務必攜帶『本人身份證』，親自報到。

### 二、繼續教育積分：

- 台灣消化系醫學會：10月4日 Postgraduate Course A 類 10 學分  
10月5日 A 類 10 學分  
10月6日 A 類 10 學分
- 台灣消化系內視鏡醫學會：10月4日 Postgraduate Course A 類 3 學分  
10月5日 A 類 7 學分  
10月6日 A 類 4 學分
- 台灣消化系外科醫學會：10月4日 Postgraduate Course 申請中  
10月5日至10月6日 A 類 25 學分
- 台灣小兒消化醫學會：10月4日 Postgraduate Course B 類 4 學分  
10月5日至10月6日 B 類 8 學分
- 台灣內科醫學會：10月4日 Postgraduate Course 申請中  
10月5日至10月6日 B 類 15 學分
- 台灣外科醫學會：申請中
- 中華民國醫用超音波學會：申請中
- 台灣肝癌醫學會：10月4日 Postgraduate Course A 類 5 學分  
10月5日至10月6日 A 類 10 學分
- 中華民國癌症醫學會：10月4日 Postgraduate Course  
腫瘤內科 A 類 3 學分  
腫瘤外科 A 類 3 學分  
腫瘤外科學員次專科（消化）2 學分  
或次專科（肝膽胰）2 學分  
或次專科（一般外科）2 學分

- 10月5日至10月6日腫瘤內科A類3學分
- 腫瘤外科A類3學分
- 10月5日腫瘤外科學員次專科（消化）2學分
- 或次專科（肝膽胰）2學分
- 或次專科（大腸直腸）2學分
- 或次專科（一般外科）2學分
- 10月6日腫瘤外科學員次專科（消化）2學分
- 或次專科（肝膽胰）2學分
- 或次專科（大腸直腸）2學分
- 或次專科（一般外科）2學分

台灣內視鏡外科醫學會：10月5日至10月6日10學分

中華民國放射線醫學會：10月5日至10月6日放射線專科醫師教育積分4分

### 三、晚宴：

晚宴：10月5日憑餐券至高雄萬豪酒店8樓萬享A廳用餐。

### 四、壁報展示：

壁報大小為120公分高、90公分寬，字體大小以一公尺距離清晰可見為準。

時間：10月5日（星期六）10:00至10月6日（星期日）16:10止。

請於10月5日（星期六）10:00以前張貼於自己的題號板上，10月6日（星期日）

16:10以後拆除。【未自行處理者，本會恕不負責保管，敬請見諒！】

地點：高雄萬豪酒店8樓萬享B廳。

### 五、醫療儀器及藥品展示：

時間：10月5日（星期六）08:20至10月6日（星期日）16:10止。

### 六、停車資訊：

- 高雄萬豪酒店地下停車場。
- 裕順停車場：  
每半小時15元，當日連續最高收費為120元。標準停車位671格，無障礙停車位14格。

## Invited Foreign Guests



**Sang Hoon Ahn**

Department of Internal Medicine, Yonsei University College of Medicine, Seoul, Korea;  
Yonsei Liver Center, Severance Hospital, Seoul, Korea



**Jeong-Sik Byeon**

Department of Gastroenterology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea



**Francis Chan**

Department of Medicine and Therapeutics, Faculty of Medicine, The Chinese University of Hong Kong, Hong Kong;  
Center for Gut Microbiota Research, Faculty of Medicine, The Chinese University of Hong Kong, Hong Kong;  
Microbiota I-Center (MagIC), Hong Kong



**Henry Chan**

Faculty of Medicine, The Chinese University of Hong Kong, Hong Kong;  
Department of Internal Medicine, Union Hospital, Hong Kong



**Emad El-Omar**

Microbiome Research Centre, St George & Sutherland Clinical School, University of New South Wales, Sydney, NSW, Australia



**Kwang-Hyub Han**

Department of Internal Medicine, Yonsei University College of Medicine, Seoul, Korea

---



**Taizo Hibi**

Department of Pediatric Surgery and Transplantation, Kumamoto University, Kumadai, Japan

---



**Kyu Chan Huh**

Division of Gastroenterology, Department of Internal Medicine, Konyanf University College of Medicine, Daejeon, Korea

---



**Yun Ho Jung**

Department of Internal Medicine, Soonchunhyang University College of Medicine, Cheonan, Korea

---



**Akio Katanuma**

Center for Gastroenterology, Teine-Keijinkai hospital, Sapporo, Japan

---



**Mindie H. Nguyen**

Division of Gastroenterology and Hepatology and Liver Transplant,  
Stanford University Medical Center, California, USA

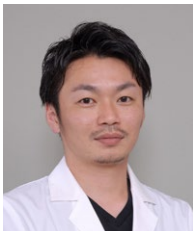
---



**Sadahisa Ogasawara**

Department of Gastroenterology, Graduate School of Medicine,  
Chiba University, Japan

---



**Akihiro Ohba**

Division of Gastrointestinal Oncology, Shizuoka Cancer Center,  
Shizuoka, Japan

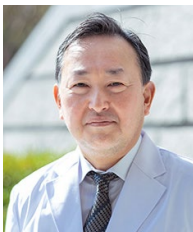
---



**Mohan J Ramchandani**

Department of Medical Gastroenterology, Asian Institute of  
Gastroenterology, Hyderabad, India

---



**Akio Saiura**

Department of Hepatobiliary-Pancreatic Surgery, Juntendo University  
Graduate School of Medicine, Tokyo, Japan

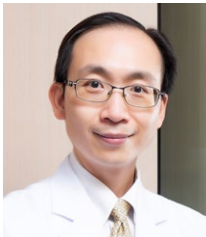
---



**Yasushi Sano**

Kansai Medical University, Osaka, Japan;  
Gastrointestinal Center, Sano Hospital, Kobe, Japan;  
Chairman, The Asian Novel Bio-Imaging and Intervention Group  
(ANBIIG)

---



**Vincent Wong**

Division of Gastroenterology and Hepatology, The Chinese  
University of Hong Kong, Hong Kong

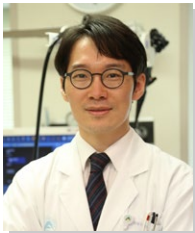
---



**Justin Wu**

Department of Medicine & Therapeutics, The Chinese University of  
Hong Kong, Hong Kong

---



**Dong-Hoon Yang**

Department of Gastroenterology, Asan Medical Center, University of  
Ulsan College of Medicine, Seoul, Korea

---

## 2024 TDDW Postgraduate Course

### 『Frontiers and Clinical Practice in Digestive Diseases』

Date : October 4, 2024 (Friday) 13:00-17:20

Venue : First Teaching Building B1 Performing Center of Kaohsiung Medical University  
高雄醫學大學第一教學大樓 B1 演藝廳

Time	Topic	Speaker	Moderator
13:00-13:30	Registration		
13:30-13:35	Opening Remarks	Chia-Yen Dai 戴嘉言 Kaohsiung Medical University Chung-Ho Memorial Hospital 高雄醫學大學附設中和紀念醫院	
13:35-14:00	Immunotherapy in the Treatment of Digestive Cancers	I-Chen Wu 吳宜珍 Kaohsiung Medical University Chung-Ho Memorial Hospital 高雄醫學大學附設中和紀念醫院	Chia-Yen Dai 戴嘉言 Kaohsiung Medical University Chung-Ho Memorial Hospital 高雄醫學大學附設中和紀念醫院
14:00-14:25	Management of Intermediate and Advanced Stage HCC – The Future Perspectives	Yi-Hsiang Huang 黃怡翔 Taipei Veterans General Hospital 臺北榮民總醫院	
14:25-14:50	MASLD, the Impact of the New Nomenclature on the Management of NAFLD	Ming-Lun Yeh 葉明倫 Kaohsiung Medical University Chung-Ho Memorial Hospital 高雄醫學大學附設中和紀念醫院	Chun-Jen Liu 劉俊人 National Taiwan University Hospital 台大醫院
14:50-15:15	Prognostication of MASLD by Non-Invasive Tests	Vincent Wong 黃焯榮 The Chinese University of Hong Kong 香港中文大學	
15:15-15:35	Coffee Break		
15:35-16:00	Recent Advances in the Management of Refractory Gastroesophageal Disease	Ching-Liang Lu 盧俊良 Taipei Veterans General Hospital 臺北榮民總醫院	Cheng-Tang Chiu 邱正堂
16:00-16:25	Lowering the Age to Initiate Colorectal Cancer Screening in Taiwan: The Road Ahead	Yu-Min Lin 林裕民 Shin Kong Wu Ho-Su Memorial Hospital 新光吳火獅紀念醫院	Linkou Chang Gung Memorial Hospital 林口長庚紀念醫院
16:25-16:50	Microbiota Based Therapies in the Treatment of Digestive Diseases	Chieh-Chang Chen 陳介章 National Taiwan University Hospital 台大醫院	Jia-Horng Kao 高嘉宏 National Taiwan University Hospital 台大醫院
16:50-17:15	Unmet Needs and Prospects in the Treatment of Chronic Hepatitis B	Sang Hoon Ahn 安相勳 Yonsei University Severance Hospital Korea	
17:15-17:20	Closing Remarks	Jia-Horng Kao 高嘉宏 National Taiwan University Hospital 台大醫院	

※ 報名繳費課程

Oct. 4

Program



October 5, 2024

【Conference Room A, 萬享 A 廳】

## Free Paper (1) – HBV 08:20~09:20

Moderators : Chao-Wei Hsu (許朝偉) 、 Chien-Hung Chen (陳建宏)

08:20-08:30 1. **HIGH FIB-4 INDEX PREDICTS LIVER DECOMPENSATION IN CHRONIC HEPATITIS B PATIENTS WHO DEVELOP CLINICAL RELAPSE AFTER ANTIVIRAL THERAPY CESSATION**

Chun-Hsun Liao<sup>1</sup>, Tung-Hung Su<sup>1,2</sup>, Chun-Jen Liu<sup>1,2</sup>, Hung-Chih Yang<sup>1</sup>, Jyh-Ming Liou<sup>1</sup>, Chun-Ming Hong<sup>1</sup>, Tai-Chung Tseng<sup>2,4</sup>, Chen-Hua Liu<sup>1,2</sup>, Jia-Horng Kao<sup>1,2,3,4</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

<sup>2</sup>Hepatitis Research Center, National Taiwan University Hospital, Taipei, Taiwan

<sup>3</sup>Graduate Institute of Clinical Medicine, National Taiwan University College of Medicine, Taipei, Taiwan

<sup>4</sup>Department of Medical Research, National Taiwan University Hospital, Taipei, Taiwan

**較高 FIB-4 肝纖維化指數可預測慢性 B 型肝炎患者停藥後臨床復發時之肝失償風險**

廖俊勛<sup>1</sup> 蘇東弘<sup>1,2</sup> 劉俊人<sup>1,2</sup> 楊宏志<sup>1</sup> 劉志銘<sup>1</sup> 洪俊銘<sup>1</sup> 曾岱宗<sup>2,4</sup> 劉振驊<sup>1,2</sup> 高嘉宏<sup>1,2,3,4</sup>

<sup>1</sup> 國立臺灣大學醫學院附設醫院胃腸肝膽科

<sup>2</sup> 國立臺灣大學醫學院附設醫院肝炎研究中心

<sup>3</sup> 國立臺灣大學臨床醫學研究所

<sup>4</sup> 國立臺灣大學醫學院附設醫院醫學研究部

08:30-08:40 2. **IMPROVEMENT IN LIVER HISTOLOGY IS OBSERVED IN MOST PATIENTS WITH CHRONIC HEPATITIS DELTA AFTER 48 WEEKS OF BULEVIRTIDE MONOTHERAPY**

Pietro Lampertico<sup>1,2</sup>, Soo Aleman<sup>3</sup>, Pavel Bogomolov<sup>4</sup>, Tatyana Stepanova<sup>5</sup>, Markus Cornberg<sup>6</sup>, Sandra Ciesek<sup>7</sup>, Annemarie Berger<sup>7</sup>, Dmitry Manuilov<sup>8</sup>, Mingyang Li<sup>8</sup>, Audrey H. Lau<sup>8</sup>, Ben L. Da<sup>8</sup>, Grace M. Chee<sup>8</sup>, Maurizia Brunetto<sup>9,10</sup>, Stefan Zeuzem<sup>11</sup>, Heiner Wedemeyer<sup>6</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Foundation IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy

<sup>2</sup>CRC "A. M. and A. Migliavacca" Center for Liver Disease, Department of Pathophysiology and Transplantation, University of Milan, Milan, Italy

<sup>3</sup>Department of Infectious Diseases, Karolinska University Hospital/Karolinska Institutet, Stockholm, Sweden

<sup>4</sup>M.F. Vladimirovsky Moscow Regional Research and Clinical Institute, Moscow, Russian

<sup>5</sup>LLC Clinic of Modern Medicine, Moscow, Russian

<sup>6</sup>Clinic for Gastroenterology, Hepatology, Infectious Diseases, and Endocrinology, Hannover Medical School, Hannover, Germany

<sup>7</sup>Institute for Medical Virology, University Hospital Frankfurt, Goethe University Frankfurt am Main, Frankfurt am Main, Germany

<sup>8</sup>Gilead Sciences, Inc., Foster City, CA, USA

<sup>9</sup>Hepatology Unit, Reference Center of the Tuscany Region for Chronic Liver Disease and Cancer, University Hospital of Pisa, Pisa, Italy

<sup>10</sup>Department of Clinical and Experimental Medicine, University of Pisa, Pisa, Italy

<sup>11</sup>Department of Medicine, University Hospital Frankfurt, Frankfurt am Main, Germany

08:40-08:50 3. **ALL-CAUSE AND CAUSE-SPECIFIC MORTALITY IN NON-STEATOTIC CHRONIC HEPATITIS B PATIENTS WITH CARDIOMETABOLIC RISK FACTORS**

Shang-Chin Huang<sup>1,2,3,4</sup>, Tung-Hung Su<sup>1,2</sup>, Tai-Chung Tseng<sup>2,5</sup>, Shih-Jer Hsu<sup>1,2</sup>, Chun-Ming Hong<sup>6</sup>, Ting-Yuan Lan<sup>7</sup>, Chen-Hua Liu<sup>1,2</sup>, Hung-Chih Yang<sup>1,2</sup>, Chun-Jen Liu<sup>1,2,3</sup>, Pei-Jer Chen<sup>1,2,3</sup>, Jia-Horng Kao<sup>1,2,3</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

<sup>2</sup>Hepatitis Research Center, National Taiwan University Hospital, Taipei, Taiwan

<sup>3</sup>Graduate Institute of Clinical Medicine, National Taiwan University College of Medicine, Taipei, Taiwan

<sup>4</sup>Department of Internal Medicine, National Taiwan University Hospital Bei-Hu Branch, Taipei, Taiwan

<sup>5</sup>Department of Medical Research, National Taiwan University Hospital, Taipei, Taiwan

<sup>6</sup>Division of Hospital Medicine, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

<sup>7</sup>Division of Rheumatology, Department of Internal Medicine, National Taiwan University Hospital Hsin-Chu Branch, Hsinchu, Taiwan

**非脂肪肝之 B 肝患者合併代謝異常之全因及各別原因死亡風險**

黃上秦<sup>1,2,3,4</sup> 蘇東弘<sup>1,2</sup> 曾岱宗<sup>2,5</sup> 徐士哲<sup>1,2</sup> 洪俊銘<sup>6</sup> 藍鼎淵<sup>7</sup> 劉振驊<sup>1,2</sup> 楊宏志<sup>1,2</sup> 劉俊人<sup>1,2,3</sup> 陳培哲<sup>1,2,3</sup> 高嘉宏<sup>1,2,3</sup>

<sup>1</sup> 國立臺灣大學醫學院附設醫院胃腸肝膽科

<sup>2</sup> 國立臺灣大學醫學院附設醫院肝炎研究中心

<sup>3</sup> 國立臺灣大學醫學院臨床醫學研究所

<sup>4</sup> 國立臺灣大學醫學院附設醫院北護分院胃腸肝膽科

<sup>5</sup> 國立臺灣大學醫學院附設醫院醫學研究部

<sup>6</sup> 國立臺灣大學醫學院附設醫院整合醫學科

<sup>7</sup> 國立臺灣大學醫學院附設醫院新竹臺大分院風濕免疫科

08:50-09:00 4. **TENOFOVIR DISOPROXIL FUMARATE FOR PATIENTS WITH CHRONIC HEPATITIS B AND MINIMALLY RAISED ALANINE AMINOTRANSFERASE: A ROLLOVER STUDY FROM THE TORCH-B TRIAL**

Yao-Chun Hsu<sup>1,2</sup>, Chi-Yi Chen<sup>3</sup>, Cheng-Hao Tseng<sup>2,4</sup>, Chieh-Chang Chen<sup>5</sup>, Teng-Yu Lee<sup>6,7</sup>, Ming-Jong Bair<sup>8,9</sup>, Jyh-Jou Chen<sup>10</sup>, Yen-Tsung Huang<sup>11</sup>, I-Wei Chang<sup>12,13</sup>, Chi-Yang Chang<sup>14,15</sup>, Chun-Ying Wu<sup>16,17</sup>, Ming-Shiang Wu<sup>5</sup>, Lein-Ray Mo<sup>18</sup>, Jaw-Town Lin<sup>1</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, E-Da Hospital, Kaohsiung, Taiwan; <sup>2</sup>School of Medicine and Graduate Institute of Medicine, I-Shou University, Kaohsiung, Taiwan; <sup>3</sup>Division of Gastroenterology and Hepatology, Chia-Yi Christian Hospital, Chiayi, Taiwan; <sup>4</sup>Division of Gastroenterology and Hepatology, E-Da Cancer Hospital, Kaohsiung, Taiwan; <sup>5</sup>Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan; <sup>6</sup>Department of Internal Medicine, Taichung Veterans General Hospital, Taichung, Taiwan; <sup>7</sup>School of Medicine, Chung Shan Medical University, Taichung, Taiwan; <sup>8</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Taitung, Taiwan; <sup>9</sup>Mackay Medical College, New Taipei City, Taiwan; <sup>10</sup>Department of Internal Medicine, Chi-Mei Medical Center, Liouying Branch, Tainan, Taiwan; <sup>11</sup>Institute of Statistical Science, Academia Sinica, Taipei, Taiwan; <sup>12</sup>Department of Pathology, School of Medicine, College of Medicine, Taipei Medical University, Taipei, Taiwan; <sup>13</sup>Department of Clinical Pathology, Wan Fang Hospital, Taipei Medical University, Taipei, Taiwan; <sup>14</sup>School of Medicine, College of Medicine, Fu Jen Catholic University, New Taipei City, Taiwan; <sup>15</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Fu-Jen Catholic University Hospital, Fu-Jen Catholic University, New Taipei City, Taiwan; <sup>16</sup>Institute of Biomedical Informatics, College of Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan; <sup>17</sup>Division of Translational Research, Department of Medical Research, Taipei Veterans General Hospital, Taipei, Taiwan; <sup>18</sup>Department of Internal Medicine, Tainan Municipal Hospital, Tainan, Taiwan

**替諾福韋 (Tenofovir) 用於血清轉胺酶輕微上升的慢性 B 型肝炎患者：TORCH-B 試驗的延續研究**

許耀峻<sup>1,2</sup> 陳啓益<sup>3</sup> 曾政豪<sup>2,4</sup> 陳介章<sup>5</sup> 李騰裕<sup>6,7</sup> 白明忠<sup>8,9</sup> 陳志州<sup>10</sup> 黃彥棕<sup>11</sup> 張宜崑<sup>12,13</sup> 張吉仰<sup>14,15</sup> 吳俊穎<sup>16,17</sup> 吳明賢<sup>5</sup> 牟聯瑞<sup>18</sup> 林肇堂<sup>1</sup>

<sup>1</sup> 義大醫院胃腸肝膽科 ; <sup>2</sup> 義守大學醫學系暨醫學研究所 ; <sup>3</sup> 嘉義基督教醫院胃腸肝膽科 ; <sup>4</sup> 義大癌治療醫院胃腸肝膽科 ; <sup>5</sup> 台大醫院內科部 ; <sup>6</sup> 臺中榮民總醫院內科部 ; <sup>7</sup> 中山醫學大學醫學系 ; <sup>8</sup> 台東馬偕紀念醫院胃腸肝膽科 ; <sup>9</sup> 馬偕醫學院 ; <sup>10</sup> 柳營奇美醫院內科部 ; <sup>11</sup> 中央研究院統計科學所 ; <sup>12</sup> 臺北醫學大學醫學系病理學科 ; <sup>13</sup> 臺北市立萬芳醫院臨床病理部 ; <sup>14</sup> 天主教輔仁大學醫學系 ; <sup>15</sup> 天主教輔仁大學附設醫院胃腸肝膽科 ; <sup>16</sup> 國立陽明交通大學生物醫學資訊研究所 ; <sup>17</sup> 臺北榮民總醫院醫學研究部轉譯醫學科 ; <sup>18</sup> 台南市立醫院內科部



09:00-09:10 5. **HIGHER SUSTAINED RESPONSE RATE AND PARTIAL CURE IN OFF-PEGYLATED INTERFERON-TREATED PATIENTS PREVIOUSLY ON FINITE NUC THERAPY COMPARED TO NAÏVE PATIENTS**

Wen-Juei Jeng<sup>1,2</sup>, Yu-Ting Kao<sup>1</sup>, Yen-Chun Liu<sup>1,2</sup>, Rong-Nan Chien<sup>1,2,3</sup>

<sup>1</sup>Department of Gastroenterology and Hepatology, Chang Gung Memorial Hospital, Linkou Medical Center, Taoyuan, Taiwan

<sup>2</sup>College of Medicine, Chang Gung University, Taoyuan, Taiwan

<sup>3</sup>Liver research unit, Chang Gung Memorial Hospital, Linkou Medical Center, Taoyuan, Taiwan

**E** 抗原陰性慢性 **B** 型肝炎患者在面臨口服抗病毒藥物停藥後復發時接受長效性干擾素治療比初次使用長效性干擾素患者有更高的持續穩定率與部分治癒率

鄭文睿<sup>1,2</sup> 高毓婷<sup>1</sup> 劉彥君<sup>1,2</sup> 簡榮南<sup>1,2,3</sup>

<sup>1</sup> 林口長庚紀念醫院胃腸肝膽科系

<sup>2</sup> 長庚大學醫學院

<sup>3</sup> 林口長庚紀念醫院肝臟研究中心

09:10-09:20 6. **FORTY-EIGHT-WEEK OFF-THERAPY EFFICACY AND SAFETY OF BULEVIRTIDE IN COMBINATION WITH PEGYLATED INTERFERON ALFA-2A IN PATIENTS WITH CHRONIC HEPATITIS DELTA: FINAL RESULTS FROM THE PHASE 2B, OPEN-LABEL, RANDOMIZED, MULTICENTER STUDY MYR204**

Tarik Asselah<sup>1</sup>, Vladimir Chulanov<sup>2</sup>, Pietro Lampertico<sup>3,4</sup>, Heiner Wedemeyer<sup>5</sup>, Adrian Streinu-Cercel<sup>6,9</sup>, Victor Pantea<sup>7</sup>, Stefan Lazar<sup>8</sup>, Gheorghe Placinta<sup>7</sup>, George Sebastian Gherlan<sup>9,10</sup>, Pavel Bogomolov<sup>11</sup>, Tatyana Stepanova<sup>12</sup>, Viacheslav Morozov<sup>13</sup>, Vladimir Syutkin<sup>14</sup>, Olga Sagalova<sup>15</sup>, Vladimir Gorodin<sup>16</sup>, Dmitry Manuilov<sup>17</sup>, Renee-Claude Mercier<sup>17</sup>, Lei Ye<sup>17</sup>, Grace M. Chee<sup>17</sup>, Ben L. Da<sup>17</sup>, Audrey H. Lau<sup>17</sup>, Anu Osinusi<sup>17</sup>, Marc Bourliere<sup>18</sup>, Vlad Ratziu<sup>19</sup>, Stanilas Pol<sup>20</sup>, Marie-Noëlle Hilleret<sup>21</sup>, Fabien Zoulim<sup>22</sup>

<sup>1</sup>Hôpital Beaujon APHP, Université de Paris-Cité, INSERM UMR1149, Clichy, France;

<sup>2</sup>Sechenov University, Moscow, Russian; <sup>3</sup>Division of Gastroenterology and Hepatology, Foundation IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy; <sup>4</sup>CRC "A.

M. and A. Migliavacca" Center for Liver Disease, Department of Pathophysiology and Transplantation, University of Milan, Milan, Italy; <sup>5</sup>Medizinische Hochschule Hannover, Klinik für Gastroenterologie, Hepatologie und Endokrinologie, Hannover, Germany;

<sup>6</sup>Matei Bals National Institute of Infectious Diseases; <sup>7</sup>Infectious Clinical Hospital;

<sup>8</sup>Dr. Victor Babes Foundation, Infectious and Tropical Diseases Hospital, Bucharest, Romania;

<sup>9</sup> "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania;

<sup>10</sup>Dr. Victor Babes Foundation, Bucharest, Romania; <sup>11</sup>M.F. Vladimirovsky Moscow

Regional Research and Clinical Institute, Moscow, Russian; <sup>12</sup>LLC Clinic of Modern

Medicine, Moscow, Russian; <sup>13</sup>LLC Medical Company "Hepatolog", Samara, Russian;

<sup>14</sup>Institute of Emergency Medicine n.a. NV Sklifosovsky, Moscow, Russian; <sup>15</sup>South Ural State Medical University, Chelyabinsk, Russian; <sup>16</sup>”Specialized Clinical Infectious Diseases Hospital”, Krasnodar, Russian; <sup>17</sup>Gilead Sciences Inc., Foster City, CA, USA; <sup>18</sup>Hôpital Saint Joseph, Marseille, France; <sup>19</sup>CH Pitié-Salpêtrière, Paris, France; <sup>20</sup>Hôpital Cochin, Paris, France; <sup>21</sup>Centre Hospitalier Universitaire Grenoble Alpes, Grenoble, France; <sup>22</sup>Hospital Croix Rouse, Lyon, France

Oct. 5

Program



October 5, 2024

【Conference Room A, 萬享 A 廳】

## Special Lecture (1) 09:20~10:10

Moderator : Prof. Chia-Yen Dai (戴嘉言)

Topic : Hepatocellular Carcinoma: Prevention and Early Diagnosis

Speaker : Prof. Mindie H. Nguyen

## Special Lecture (4) 10:10~11:00

Moderator : Prof. Ming-Shiang Wu (吳明賢)

Topic : Clinical Applications of Gut Microbiome: Ready for Prime Time

Speaker : Prof. Francis Chan

## Opening Ceremony 11:00~11:20

President of 2024 TDDW

Prof. Jia-Horng Kao (高嘉宏)

Vice President of 2024 TDDW

Prof. Cheng-Tang Chiu (邱正堂)

Vice President of 2024 TDDW

Prof. Chun-Jen Liu (劉俊人)

Vice President of 2024 TDDW

Prof. Yan-Shen Shan (沈延盛)

Vice President of 2024 TDDW

Prof. Yao-Jong Yang (楊耀榮)

Vice President of 2024 TDDW

Prof. Jaw-Town Lin (林肇堂)

Vice President of 2024 TDDW

Prof. Yi-Hsiang Huang (黃怡翔)

Vice President of 2024 TDDW

Prof. Jin-Tung Liang (梁金銅)

Vice President of 2024 TDDW

Prof. Kuan-Yang Chen (陳冠仰)

Vice President of 2024 TDDW

Prof. Chien-Lin Chen (陳健麟)

Vice President of 2024 TDDW

Prof. Chun-Ying Wu (吳俊穎)

Vice President of 2024 TDDW

Prof. Pi-Yi Chang (張碧倚)

Chairman of 2024 TDDW

Prof. Chia-Yen Dai (戴嘉言)

## Chairman's Lecture 11:20~12:00

Moderator : Prof. Ming-Lung Yu (余明隆)

Topic : A Great Journey: Last Mile for the Elimination of CHC in Taiwan

Speaker : Prof. Chia-Yen Dai (戴嘉言)

October 5, 2024

【Conference Room A, 萬享 A 廳】

## Symposium (2) 13:40~15:20

### HBV

Time	Topic	Speaker
Moderators : Chun-Jen Liu 劉俊人 National Taiwan University Hospital 台大醫院 Cheng-Yuan Peng 彭成元 China Medical University Hospital 中國醫藥大學附設醫院		
13:40-14:05	Conflicting Data about Impact of MAFLD on HBV, What's the Truth? And Why?	Tung-Hung Su 蘇東弘 National Taiwan University Hospital 台大醫院
14:05-14:30	Current Status of HDV/HBV Co-Infection in Taiwan	Tsung-Hui Hu 胡琮輝 Kaohsiung Chang Gung Memorial Hospital 高雄長庚紀念醫院
14:30-14:55	HCC Risk Stratification of the HBV Patients in Grey Zones	Yao-Chun Hsu 許耀峻 E-Da Hospital 義大醫院
14:55-15:20	HCC Risk Stratification of CHB Patients on Antivirals	Sang Hoon Ahn Yonsei University Severacne Hospital Korea



October 5, 2024

【Conference Room B, 萬享 D 廳】

## Free Paper (2) – UGI 08:20~09:20

Moderators : Huang-Ming Hu (胡冕鳴) 、 Chi-Yang Chang (張吉仰)

08:20-08:30 7. **COMPARISON OF THE EFFICACIES OF A NEW VONOPRAZAN-BASED, MONO-ANTIBIOTIC THERAPY AND HIGH-DOSE DUAL THERAPY IN THE FIRST-LINE TREATMENT OF H. PYLORI INFECTION**

Ping-I Hsu<sup>1,7</sup>, Chih-An Shih<sup>2,7</sup>, Chien-Lin Chen<sup>3,7</sup>, Chang-Bih Shie<sup>1,7</sup>, Wei-Yi Lei<sup>3,7</sup>,  
Feng-Woei Tsay<sup>4,7</sup>, Ming-Jen Sheu<sup>5,7</sup>, Deng-Chyang Wu<sup>6,7</sup>

<sup>1</sup>Division of Gastroenterology, Department of Medicine, An Nan Hospital, China Medical University, Tainan, Taiwan

<sup>2</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Antai Medical Care Corporation, Antai Tian-Sheng Memorial Hospital, Pingtung, Taiwan

<sup>3</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Hualien Tzu Chi Hospital, Hualien, Taiwan

<sup>4</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan

<sup>5</sup>Division of Gastroenterology and Hepatology, Department of Medicine, Chi-Mei Hospital, Tainan, Taiwan

<sup>6</sup>Division of Gastroenterology, Department of Internal Medicine, Kaohsiung Medical University Chung-Ho Memorial Hospital, Kaohsiung, Taiwan

<sup>7</sup>Acid-related Disease-Microbiota (TARD-M) Consortium

**比較—「Vonoprazan 為基礎之單一抗生素療法」與「高劑量二合療法」於幽門螺旋桿菌第一線治療之療效**

許秉毅<sup>1,7</sup> 石志安<sup>2,7</sup> 陳健麟<sup>3,7</sup> 施長碧<sup>1,7</sup> 雷尉毅<sup>3,7</sup> 蔡峯偉<sup>4,7</sup> 許銘仁<sup>5,7</sup> 吳登強<sup>6,7</sup>

<sup>1</sup> 中國醫藥大學臺南市立安南醫院胃腸科

<sup>2</sup> 安泰醫院胃腸肝膽科

<sup>3</sup> 花蓮慈濟醫院肝膽胃腸科

<sup>4</sup> 高雄榮民總醫院胃腸肝膽科

<sup>5</sup> 奇美醫院胃腸肝膽科

<sup>6</sup> 高雄醫學大學附設中和紀念醫院胃腸內科

<sup>7</sup> 台灣胃酸相關疾病暨微菌叢聯盟

08:30-08:40 8. **FAVORABLE LONG-TERM OUTCOMES OF EARLY ESOPHAGEAL SQUAMOUS NEOPLASIA WITH MUSCULARIS MUCOSA INVOLVEMENT AFTER ENDOSCOPIC SUBMUCOSAL DISSECTION**

Chen-Huan Yu<sup>1</sup>, Yueh-Hung Chou<sup>2</sup>, Tze-Yu Shieh<sup>3</sup>, Chao-Yu Liu<sup>4</sup>, Jiann-Ming Wu<sup>5</sup>, Chen-Hsi Hsieh<sup>6,7,8</sup>, Tzong-Hsi Lee<sup>1</sup>, Chen-Shuan Chung<sup>1,9,10</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Far Eastern Memorial Hospital, New Taipei City, Taiwan; <sup>2</sup>Department of Anatomical Pathology, Far Eastern Memorial Hospital, New Taipei City, Taiwan; <sup>3</sup>Division of Gastroenterology, Department of Internal Medicine, Mackay Memorial Hospital, Taipei, Taiwan; <sup>4</sup>Division of Thoracic Surgery, Department of Surgery, Far-Eastern Memorial Hospital, New Taipei City, Taiwan; <sup>5</sup>Division of General Surgery, Department of Surgery, Far Eastern Memorial Hospital, New Taipei City, Taiwan; <sup>6</sup>Division of Radiation Oncology, Department of Radiology, Far Eastern Memorial Hospital, New Taipei City, Taiwan; <sup>7</sup>School of Nursing, Yuan Ze University, Taoyuan, Taiwan; <sup>8</sup>Chen-Hsi Hsieh, School of Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan; <sup>9</sup>Institute of Traditional Medicine, School of Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan; <sup>10</sup>Taiwan Association for the Study of Small Intestinal Diseases (TASSID), Taoyuan, Taiwan; <sup>10</sup>College of Medicine, Fu Jen Catholic University, New Taipei City, Taiwan

08:40-08:50 9. **COMPARISON OF EMPIRICAL THERAPY VERSUS SUSCEPTIBILITY TESTING-GUIDED THERAPY FOR REFRACTORY *HELICOBACTER PYLORI* INFECTION: A MULTICENTER, OPEN-LABEL, RANDOMIZED CONTROLLED, NON-INFERIORITY TRIAL**

Mei-Jyh Chen<sup>1,2</sup>, Yu-Jen Fang<sup>3</sup>, Po-Yueh Chen<sup>4</sup>, Chieh-Chang Chen<sup>1,2</sup>, Ming-Shiang Wu<sup>1,2</sup>, Jyh-Ming Liou<sup>1,2,5</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan  
<sup>2</sup>Department of Internal Medicine, National Taiwan University College of Medicine, Taipei, Taiwan  
<sup>3</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, National Taiwan University Hospital, Yun-Lin Branch, Yunlin, Taiwan  
<sup>4</sup>Department of Internal Medicine, Chia-Yi Christian Hospital, Chiayi, Taiwan  
<sup>5</sup>Department of Internal Medicine, National Taiwan University Cancer Center, Taipei, Taiwan

經驗療法與藥物敏感性檢測引導療法在難治性幽門桿菌感染治療的比較：一個多中心、開放標籤、隨機對照、非劣效性試驗

陳美志<sup>1,2</sup> 方佑仁<sup>3</sup> 陳柏岳<sup>4</sup> 陳介章<sup>1,2</sup> 吳明賢<sup>1,2</sup> 劉志銘<sup>1,2,5</sup>

- <sup>1</sup> 台大醫院消化內科
- <sup>2</sup> 台大醫學院內科
- <sup>3</sup> 台大醫院雲林分院內科部
- <sup>4</sup> 嘉義基督教醫院內科部
- <sup>5</sup> 台大醫院癌醫中心分院內科部



08:50-09:00 10. **DETERMINING THE NEED FOR IHC STAINING IN THE HISTOLOGICAL DIAGNOSIS OF H. PYLORI INFECTION: A STUDY USING THE KYOTO CLASSIFICATION OF GASTRITIS**

Shu-Wei Huang<sup>1</sup>, Sey-En Lin<sup>2</sup>, Hao-Tsai Cheng<sup>1,3</sup>, Yen-Chin Chen<sup>3</sup>, Ming-Yao Su<sup>1</sup>

<sup>1</sup>Department of Gastroenterology and Hepatology, New Taipei Municipal Tucheng Hospital, New Taipei City, Taiwan

<sup>2</sup>Department of Anatomic Pathology, New Taipei Municipal Tucheng Hospital, New Taipei City, Taiwan

<sup>3</sup>Graduate Institute of Clinical Medical Sciences, Chang Gung University, Taoyuan City, Taiwan

**幽門螺旋桿菌組織學診斷中是否有免疫組織化學染色的需求：運用京都胃炎分類的研究**

黃書偉<sup>1</sup> 林賜恩<sup>2</sup> 鄭浩材<sup>1,3</sup> 陳彥瑾<sup>3</sup> 蘇銘堯<sup>1</sup>

<sup>1</sup> 新北市立土城醫院 (委託長庚醫療財團法人興建經營)胃腸肝膽科

<sup>2</sup> 新北市立土城醫院 (委託長庚醫療財團法人興建經營)解剖病理科

<sup>3</sup> 長庚大學臨床醫學研究所

09:00-09:10 11. **THE SURVIVAL ANALYSIS AND CORRELATION OF BODY COMPONENTS AT T12 AND L3 LEVELS OF COMPUTED TOMOGRAPHY IN ESOPHAGEAL SQUAMOUS CELL CARCINOMA PATIENTS UNDERGOING CHEMORADIOTHERAPY**

I-Ting Chou<sup>1,2</sup>, Chi-Chi Wu<sup>1,2</sup>, Yu-Ling Huang<sup>3</sup>, I-Chen Wu<sup>1,2,4</sup>

<sup>1</sup>Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan

<sup>2</sup>Division of Gastroenterology, Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan

<sup>3</sup>Department of Medical Imaging, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan

<sup>4</sup>School of Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan

**分析接受同步化學放射治療的食道鱗狀細胞癌患者身體組成在電腦斷層 T12 與 L3 的相關性與生存分析**

周奕廷<sup>1,2</sup> 吳季錡<sup>1,2</sup> 黃郁玲<sup>3</sup> 吳宜珍<sup>1,2,4</sup>

<sup>1</sup> 高雄醫學大學附設中和紀念醫院內科部

<sup>2</sup> 高雄醫學大學附設中和紀念醫院胃腸內科

<sup>3</sup> 高雄醫學大學附設中和紀念醫院影像醫學部

<sup>4</sup> 高雄醫學大學醫學系

09:10-09:20 12. **COMPARISON OF SURVIVAL RATES FOR ESOPHAGEAL LESIONS IN PATIENTS WITH CONCURRENT HEAD AND NECK CANCER AND EARLY SUPERFICIAL ESOPHAGEAL CANCER TREATED WITH ENDOSCOPIC SUBMUCOSAL DISSECTION, SYNCHRONOUS CHEMORADIOTHERAPY, OR SURGERY: A RETROSPECTIVE STUDY AT A SINGLE MEDICAL CENTER IN SOUTHERN TAIWAN**

Yu-Chieh Tsai, Chih-Chien Yao, Yu-Chi Lee, Cheng-Kun Wu, Chih-Ming Liang, Seng-Kee Chuah, Wei-Chen Tai

Division of Hepatogastroenterology, Department of Internal Medicine, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, Taiwan

南台灣單一醫療中心回顧性研究：比較頭頸癌合併早期表層食道癌的病人之食道病灶接受內視鏡黏膜下剝離術、同步放化療或手術的存活率

蔡雨潔 姚志謙 李育騏 吳鎮琨 梁志明 蔡成枝 戴維震  
高雄長庚紀念醫院胃腸肝膽科

October 5, 2024

【Conference Room B, 萬享 D 廳】

## Special Lecture (2) 09:20~10:10

Moderator : Prof. Chien-Lin Chen (陳健麟)

Topic : Updates in the Management of Laryngopharyngeal Reflux

Speaker : Prof. Justin Wu

## Special Lecture (5) 10:10~11:00

Moderator : Prof. Ming-Chih Hou (侯明志)

Topic : Innovative Endoscopic Therapies: Navigating India's Current Landscape

Speaker : Prof. Mohan J Ramchandani

Oct. 5

Program



October 5, 2024

【Conference Room B, 萬享 D 廳】

## Symposium (3) 13:40~15:20

### Emerging Issues and Unmet Needs in Colonoscopy Practice

Time	Topic	Speaker
Moderators : Han-Mo Chiu 邱瀚模 National Taiwan University Hospital 台大醫院 Ming-Yao Su 蘇銘堯 New Taipei Municipal TuCheng Hospital 新北市立土城醫院		
13:40-14:00	Application of AI for Improving Colonoscopy Quality	Chen-Ming Hsu 許振銘 Linkou Chang Gung Memorial Hospital 林口長庚紀念醫院
14:00-14:20	Advances in Dysplasia Detection in Inflammatory Bowel Disease	Chen-Shuan Chung 鍾承軒 Far Eastern Memorial Hospital 亞東醫院
14:20-14:40	Risk Stratification of T1 CRC Metastasis to Lymph Nodes: Current Status and Perspectives	Wen-Fong Hsu 許文峰 National Taiwan University Hospital 台大醫院
14:40-15:00	Is Characterization of Colorectal Neoplasia Still Essential before Resection?	Yasushi Sano Sano Hospital Japan
15:00-15:20	Discussion	All Speakers



October 5, 2024

【Conference Room B, 萬享 D 廳】

## Symposium (6) 15:30~17:10

### Controversial Issues in Colonoscopy Practice

Time	Topic	Speaker
Moderators : Han-Mo Chiu 邱翰模 National Taiwan University Hospital 台大醫院 Kyu Chan Huh Konyang University College of Medicine, Korea		
15:30-15:50	Optimal Surveillance Interval after Colorectal ESD for Large Colorectal Neoplasm	Dong-Hoon Yang University of Ulsan Korea
15:50-16:10	Surveillance after Negative Colonoscopy: Is the Recommendation from Guideline Applicable in FIT Screening Setting?	Wei-Yuan Chang 張為淵 National Taiwan University Hospital 台大醫院
16:10-16:30	Cold or hot Polypectomy for Small Pedunculated Polyps?	Cheng-Hao Tseng 曾政豪 E-Da Hospital 義大醫院
16:30-16:50	Cold snare Polypectomy or EMR for Large Flat Lesions: Weighting between Complication and Efficacy of Treatment	Yun Ho Jung Soonchunyang University Korea
16:50-17:10	Discussion	All Speakers

Oct. 5

Program



October 5, 2024

【Conference Room C, 萬享 E 廳】

## Free Paper (3) – HCV 08:20~09:20

Moderators : Chun-Yen Lin (林俊彥) 、 Sheng-Shun Yang (楊勝舜)

08:20-08:30 13. **ASSOCIATION OF CHRONIC HEPATITIS C VIRUS INFECTION WITH COGNITIVE IMPAIRMENT AMONG ELDERLY IN TAIWAN**

Chia-Ling Wu<sup>1</sup>, Chih-Ching Yeh<sup>2</sup>, Yi-Chien Lai<sup>2</sup>, Fu-Hsiung Su<sup>1,3</sup>

<sup>1</sup>School of Medicine, College of Medicine, Fu Jen Catholic University, New Taipei City, Taiwan

<sup>2</sup>School of Public Health, College of Public Health, Taipei Medical University, Taipei, Taiwan

<sup>3</sup>Department of Family Medicine, Cardinal Tien Hospital, New Taipei City, Taiwan

台灣年長者慢性 C 型肝炎與認知功能障礙相關性研究

吳佳凌<sup>1</sup> 葉志清<sup>2</sup> 賴怡芊<sup>2</sup> 蘇富雄<sup>1,3</sup>

<sup>1</sup>天主教輔仁大學醫學系

<sup>2</sup>臺北醫學大學公共衛生學系

<sup>3</sup>天主教耕莘醫院家庭醫學科

08:30-08:40 14. **HEPATITIS C VIRUS INFECTION INCREASES RISK OF PERIPHERAL ARTERIAL DISEASE IN END-STAGE RENAL DISEASE PATIENTS RECEIVING MAINTENANCE HEMODIALYSIS THERAPY**

Chih-Wen Wang<sup>1,2</sup>, Chung-Feng Huang<sup>1</sup>, Tyng-Yuan Jang<sup>1</sup>, Ming-Lun Yeh<sup>1</sup>, Po-Cheng Liang<sup>1</sup>, Yi-Hung Lin<sup>1,2</sup>, Jee-Fu Huang<sup>1</sup>, Chia-Yen Dai<sup>1</sup>, Ming-Lung Yu<sup>1</sup>, Wan-Long Chuang<sup>1</sup>

<sup>1</sup>Division of Hepatobiliary, Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan

<sup>2</sup>Department of Internal Medicine, Kaohsiung Municipal Hsiao-Kang Hospital, Kaohsiung, Taiwan

C 型肝炎病毒感染會增加接受血液透析治療的末期腎臟病患者發生週邊動脈疾病的風險

王志文<sup>1,2</sup> 黃鈞峰<sup>1</sup> 張庭遠<sup>1</sup> 葉明倫<sup>1</sup> 梁博程<sup>1</sup> 林宜竑<sup>1,2</sup> 黃志富<sup>1</sup> 戴嘉言<sup>1</sup> 余明隆<sup>1</sup> 莊萬龍<sup>1</sup>

<sup>1</sup>高雄醫學大學附設中和紀念醫院肝膽胰內科

<sup>2</sup>高雄市長小港醫院內科部

08:40-08:50 15. **PREDICTION MODEL FOR RISK OF HEPATOCELLULAR CARCINOMA AND LIVER-RELATED EVENTS AFTER HEPATITIS C VIRAL ERADICATION**

Wei-Fan Hsu<sup>1,2,3</sup>, Ching-Chu Lo<sup>4</sup>, Hsueh-Chou Lai<sup>1,3</sup>, Kuo-Chih Tseng<sup>5,6</sup>, Chi-Yi Chen<sup>7</sup>, Cheng-Yuan Peng<sup>1,8</sup>

<sup>1</sup>Center for Digestive Medicine, Department of Internal Medicine, China Medical University Hospital, Taichung, Taiwan

<sup>2</sup>Graduate Institute of Biomedical Science, China Medical University, Taichung, Taiwan

<sup>3</sup>School of Chinese Medicine, China Medical University, Taichung, Taiwan

<sup>4</sup>Department of Internal Medicine, St. Martin De Porres Hospital-Daya, Chiayi, Taiwan

<sup>5</sup>Department of Internal Medicine, Dalin Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Chiayi, Taiwan

<sup>6</sup>School of Medicine, Tzuchi University, Hualien, Taiwan

<sup>7</sup>Department of Internal Medicine, Chiayi Christian Hospital, Chiayi, Taiwan

<sup>8</sup>School of Medicine, China Medical University, Taichung, Taiwan

**C 型肝炎根除患者罹患肝細胞癌和肝臟相關併發症的預測模型**

許偉帆<sup>1,2,3</sup> 羅清池<sup>4</sup> 賴學洲<sup>1,3</sup> 曾國枝<sup>5,6</sup> 陳啓益<sup>7</sup> 彭成元<sup>1,8</sup>

<sup>1</sup> 中國醫藥大學附設醫院消化醫學中心

<sup>2</sup> 中國醫藥大學生物醫學研究所

<sup>3</sup> 中國醫藥大學中醫系

<sup>4</sup> 聖馬爾定醫院內科部

<sup>5</sup> 大林慈濟醫院內科部

<sup>6</sup> 慈濟大學醫學系

<sup>7</sup> 嘉義基督教醫院內科部

<sup>8</sup> 中國醫藥大學醫學系

08:50-09:00 16. **LONG-TERM DYNAMIC CHANGES OF INSULIN RESISTANCE AND LIPID PROFILES IN PATIENTS WITH HEPATITIS C VIRAL ERADICATION**

Wei-Fan Hsu<sup>1,2,3</sup>, Hsueh-Chou Lai<sup>1,3</sup>, Hung-Wei Wang<sup>1,4</sup>, Sheng-Hung Chen<sup>1,4</sup>, Wen-Pang Su<sup>1</sup>, Guan-Tarn Huang<sup>1,4</sup>, Cheng-Yuan Peng<sup>1,4</sup>

<sup>1</sup>Center for Digestive Medicine, Department of Internal Medicine, China Medical University Hospital, Taichung, Taiwan

<sup>2</sup>Graduate Institute of Biomedical Science, China Medical University, Taichung, Taiwan

<sup>3</sup>School of Chinese Medicine, China Medical University, Taichung, Taiwan

<sup>4</sup>School of Medicine, China Medical University, Taichung, Taiwan

**C 型肝炎病毒根除患者胰島素抗性和血脂肪的長期變化**

許偉帆<sup>1,2,3</sup> 賴學洲<sup>1,3</sup> 王鴻偉<sup>1,4</sup> 陳昇弘<sup>1,4</sup> 蘇文邦<sup>1</sup> 黃冠棠<sup>1,4</sup> 彭成元<sup>1,4</sup>

<sup>1</sup> 中國醫藥大學附設醫院消化醫學中心

<sup>2</sup> 中國醫藥大學生物醫學研究所

<sup>3</sup> 中國醫藥大學中醫學系

<sup>4</sup> 中國醫藥大學醫學系

09:00-09:10 17. **WHAT KINDS OF LIVER DISEASES WILL WE FACE IN THE POST-HEPATITIS C VIRUS (HCV) ELIMINATION ERA: A COMPREHENSIVE FOLLOW-UP STUDY IN AN HCV-ENDEMIC TOWNSHIP**

Sheng-Nan Lu<sup>1</sup>, Jing-Houng Wang<sup>1</sup>, Shu-Feng Hung<sup>1</sup>, Yu-Ling Chen<sup>1</sup>, Yu-Chen Lin<sup>2</sup>, Wen-Hua Chao<sup>2</sup>

<sup>1</sup>Division of Hepato-gastroenterology, Department of Internal Medicine, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, Taiwan

<sup>2</sup>Chiayi County Health Bureau, Chiayi, Taiwan

**C 型肝炎根除之後我們將面對那些肝病：某 C 肝盛行鄉的追蹤研究**

盧勝男<sup>1</sup> 王景弘<sup>1</sup> 洪淑芬<sup>1</sup> 陳袖陵<sup>1</sup> 林裕珍<sup>2</sup> 趙紋華<sup>2</sup>

<sup>1</sup>高雄長庚紀念醫院內科部胃腸肝膽科系

<sup>2</sup>嘉義縣衛生局

09:10-09:20 18. **IMPACT OF HCV ERADICATION ON RECURRENCE PATTERN AND LONG-TERM OUTCOMES IN PATIENTS WITH HCV-RELATED HEPATOCELLULAR CARCINOMA UNDERGOING RADIOFREQUENCY ABLATION**

Kuo-Cheng Wu<sup>1,2,3</sup>, I-Cheng Lee<sup>1,2</sup>, Chen-Ta Chi<sup>1,2,4</sup>, Chien-An Liu<sup>4,5</sup>, Nai-Chi Chiu<sup>4,5</sup>, Shao-Jung Hsu<sup>1,2</sup>, Pei-Chang Lee<sup>1,2</sup>, Chi-Jung Wu<sup>1,2</sup>, Jiing-Chyuan Luo<sup>1,2</sup>, Ming-Chih Hou<sup>1,2</sup>, Yi-Hsiang Huang<sup>1,2,4,6</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Medicine, Taipei Veterans General Hospital, Taipei, Taiwan

<sup>2</sup>School of Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan

<sup>3</sup>Division of Gastroenterology and Hepatology, Department of Medicine, Keelung Hospital, Ministry of Health and Welfare, Keelung, Taiwan

<sup>4</sup>Institute of Clinical Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan

<sup>5</sup>Department of Radiology, Taipei Veterans General Hospital, Taipei, Taiwan

<sup>6</sup>Healthcare and Service Center, Taipei Veterans General Hospital, Taipei, Taiwan

**根除 C 型肝炎對肝癌接受射頻消融術後復發模式和長期預後的影響**

胡果正<sup>1,2,3</sup> 李懿成<sup>1,2</sup> 齊振達<sup>1,2,4</sup> 柳建安<sup>4,5</sup> 邱乃祈<sup>4,5</sup> 許劭榮<sup>1,2</sup> 李沛璋<sup>1,2</sup> 吳啓榮<sup>1,2</sup> 羅景全<sup>1,2</sup> 侯明志<sup>1,2</sup> 黃怡翔<sup>1,2,4,6</sup>

<sup>1</sup>臺北榮民總醫院胃腸肝膽科

<sup>2</sup>國立陽明交通大學醫學系

<sup>3</sup>衛生福利部基隆醫院胃腸肝膽科

<sup>4</sup>國立陽明交通大學臨床醫學研究所

<sup>5</sup>臺北榮民總醫院放射線部

<sup>6</sup>臺北榮民總醫院健康管理中心

October 5, 2024

【Conference Room C, 萬享 E 廳】

## Special Lecture (3) 09:20~10:10

Moderator : Prof. Jaw-Town Lin (林肇堂)

Topic : Frontiers in Modern Gastroenterology

Speaker : Prof. Ming-Shiang Wu (吳明賢)

## Special Lecture (6) 10:10~11:00

Moderator : Prof. Jyh-Ming Liou (劉志銘)

Topic : How to Publish Your Study in Prestigious Journals

Speaker : Prof. Emad El-Omar

Oct. 5

Program



October 5, 2024

【Conference Room C, 萬享 E 廳】

## Symposium (4) 13:40~15:20

### New Perspectives on the Treatment of *Helicobacter pylori*

Time	Topic	Speaker
Moderators : Yi-Chia Lee 李宜家 National Taiwan University Hospital 台大醫院 Francis Chan 陳家亮 The Chinese University of Hong Kong 香港中文大學		
13:40-14:00	Impact on Antibiotic Resistance	Jyh-Ming Liou 劉志銘 National Taiwan University Hospital 台大醫院
14:00-14:20	Changes in Gastric and Gut Microbiota	Chun-Ying Wu 吳俊穎 Taipei Veterans General Hospital 臺北榮民總醫院
14:20-14:40	Antibiotic Stewardship – Infectious Disease Expert Perspectives	Un-In Wu 胡婉妍 National Taiwan University Hospital 台大醫院
14:40-15:00	Individual vs Family Therapy	Yi-Chia Lee 李宜家 National Taiwan University Hospital 台大醫院
15:00-15:20	Discussion	All Speakers



October 5, 2024

【Conference Room C, 萬享 E 廳】

## Symposium (7) 15:30~17:10

### IASL/TDDW Symposium: Cutting Edge for Liver Disease

Time	Topic	Speaker
Moderators : Chia-Yen Dai 戴嘉言 Kaohsiung Medical University Chung-Ho Memorial Hospital 高雄醫學大學附設中和紀念醫院 Kwang-Hyub Han Yonsei University College of Medicine, Korea		
15:30-15:35	Introduction	
15:35-15:55	Limitations with Current Therapeutics and 2024 WHO Guidelines	Mindie H. Nguyen Stanford University School of Medicine USA
15:55-16:15	HBV Management in Asia Pacific – IASL Perspectives	Kwang-Hyub Han Yonsei University College of Medicine Korea
16:15-16:35	Rationale for and Molecular Basis of Functional Cure	Ming-Lung Yu 余明隆 Kaohsiung Medical University 高雄醫學大學
16:35-16:55	Clinical Approach to Functional Cure – Is NA Needed in Functional Cure?	Henry Chan 陳力元 The Chinese University of Hong Kong 香港中文大學
16:55-17:10	Q/A and Closing	All Speakers

Oct. 5

Program



October 5, 2024

【Conference Room D, 皇愉會議室 8-1】

## Free Paper (4) – Pancreas / Biliary 08:20~09:20

Moderators : Tsai-Yuan Hsieh (謝財源) 、 Wei-Chih Liao (廖偉智)

### 08:20-08:30 19. THE THERAPEUTIC ROLE OF NPS-1034 IN PANCREATIC DUCTAL ADENOCARCINOMA

Yu-Kai Huang<sup>1</sup>, Chi-Chih Wang<sup>1,2,3</sup>, Wen-Wei Sung<sup>2,3</sup>, Chun-Che Lin<sup>1,2,3</sup>,  
Ming-Chang Tsai<sup>1,2,3</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Chung Shan Medical University Hospital, Taichung, Taiwan

<sup>2</sup>Institute of Medicine, Chung Shan Medical University, Taichung, Taiwan

<sup>3</sup>School of Medicine, Chung Shan Medical University, Taichung, Taiwan

#### NPS-1034 對胰臟癌細胞的治療效果

黃裕凱<sup>1</sup> 汪奇志<sup>1,2,3</sup> 宋文瑋<sup>2,3</sup> 林俊哲<sup>1,2,3</sup> 蔡明璋<sup>1,2,3</sup>

<sup>1</sup> 中山醫學大學附設醫院肝膽腸胃科

<sup>2</sup> 中山醫學大學醫學研究所

<sup>3</sup> 中山醫學大學醫學系

### 08:30-08:40 20. NOVEL ROLE OF THE SNARE-TIP FISTULOTOMY AS AN ALTERNATIVE TO NEEDLE-KNIFE IN DIFFICULT BILE DUCT CANNULATION: A SINGLE CENTER EXPERIENCE IN TAIWAN

Te-Jung Chuang<sup>1</sup>, Hsuan-Jen Hung<sup>1,2</sup>, Chih-Wei Yang<sup>1</sup>, Tien-Yu Huang<sup>1</sup>,  
Jung-Chun Lin<sup>1</sup>, Wei-Kuo Chang<sup>1</sup>, Peng-Jen Chen<sup>1</sup>

<sup>1</sup>Division of Gastroenterology, Department of Internal Medicine, Tri-Service General Hospital, National Defense Medical Center, Taipei, Taiwan

<sup>2</sup>Division of Gastroenterology, Department of Internal Medicine, Zuoying Armed Forces General Hospital, Kaohsiung, Taiwan

#### 線圈尖端瘻管切開術在困難膽管插管中替代針刀的新角色：台灣的單一中心經驗

莊得榮<sup>1</sup> 洪宣任<sup>1,2</sup> 楊志偉<sup>1</sup> 黃天祐<sup>1</sup> 林榮鈞<sup>1</sup> 張維國<sup>1</sup> 陳鵬仁<sup>1</sup>

<sup>1</sup> 三軍總醫院腸胃內科

<sup>2</sup> 國軍左營總醫院腸胃內科

08:40-08:50 21. **PREVENTION OF POST-SPHINCTEROTOMY BLEEDING BY ENDOSCOPIC TRANEXAMIC ACID AND SUCRALFATE ADMINISTRATION: AN INTERIM STUDY OF A RANDOMIZED CONTROLLED TRIAL**

Hsueh-Chien Chiang, Jui-Wen Kang, Chien-Ming Chiang, Chiung-Yu Chen, Xi-Zhang Lin, Meng-Ying Lin

Department of Internal Medicine, National Cheng Kung University Hospital, College of Medicine, National Cheng Kung University, Tainan, Taiwan

經內視鏡投予傳明酸與蘇克拉非藥物粉末以預防膽道乳頭切開術後出血之隨機分派臨床試驗期中分析

姜學謙 康瑞文 江健銘 陳炯瑜 林錫璋 林孟穎  
國立成功大學醫學院附設醫院消化內科

08:50-09:00 22. **SYSTEMATIC REVIEW AND NETWORK META-ANALYSIS: COMPARISON OF DIFFERENT THERAPEUTIC TECHNIQUES FOR MALIGNANT BILIARY OBSTRUCTION**

Li-An Wang<sup>1,2</sup>, Jyun-Hao Wang<sup>1</sup>, Sz-Iuan Shiu<sup>1,2</sup>

<sup>1</sup>Division of Gastroenterology, Department of Internal Medicine, Taichung Veterans General Hospital, Taichung, Taiwan

<sup>2</sup>Department of Internal Medicine, Taichung Veterans General Hospital, Taichung, Taiwan

惡性腫瘤膽道阻塞治療之系統性回顧與網絡統合分析

王立安<sup>1,2</sup> 王俊皓<sup>1</sup> 許斯淵<sup>1,2</sup>

<sup>1</sup> 臺中榮民總醫院胃腸肝膽科

<sup>2</sup> 臺中榮民總醫院內科部

09:00-09:10 23. **ENDOSCOPIC ULTRASOUND GUIDED HEPATICOGASTROSTOMY WITH OR WITHOUT ANTEGRADE STENTING: A RETROSPECTIVE COHORT STUDY**

Hung-Yao Lin<sup>1,2</sup>, Tung-Yen Lin<sup>1,2</sup>, Chi Ko<sup>1,2</sup>, Jia-Kuo Chen<sup>4</sup>, Sheng-Jie Chang<sup>1,2</sup>, Yu-Ting Kuo<sup>1,2,3</sup>, Hsiu-Po Wang<sup>1,2</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

<sup>2</sup>Internal Medicine, College of Medicine, National Taiwan University, Taipei, Taiwan

<sup>3</sup>Division of Endoscopy, Department of Integrated Diagnostics and Therapeutics, National Taiwan University Hospital, Taipei, Taiwan

<sup>4</sup>Internal Medicine, Kinmen Hospital, Ministry of Health and Welfare, Kinmen, Taiwan

內視鏡超音波導引之肝胃造瘻膽管引流術有無合併內視鏡超音波導引之順行經乳突或吻合處之膽道引流術之比較

林弘堯<sup>1,2</sup> 林東彥<sup>1,2</sup> 葛齊<sup>1,2</sup> 陳嘉國<sup>4</sup> 張勝傑<sup>1,2</sup> 郭雨庭<sup>1,2,3</sup> 王秀伯<sup>1,2</sup>

<sup>1</sup> 國立臺灣大學醫學院附設醫院消化內科

<sup>2</sup> 國立臺灣大學醫學院內科

<sup>3</sup> 國立臺灣大學醫學院附設醫院綜合診療部內視鏡科

<sup>4</sup> 衛生福利部金門醫院內科部

09:10-09:20 24. **BLEEDING AFTER ENDOSCOPIC PAPILLECTOMY AND ITS RISK FACTORS: TWENTY YEARS EXPERIENCE OF A SINGLE MEDICAL CENTER**

Hsing-Hung Cheng, Wen-Hsin Huang, Chi-Ying Yang, Shih-Chieh Chuang, Tsung-Lin Hsieh, Pin-Chun Huang, Cheng-Yuan Peng  
Center for Digestive Medicine, Department of Internal Medicine, China Medical University Hospital, China Medical University, Taichung, Taiwan

內視鏡壺腹腫瘤切除術後出血及風險因子，一醫學中心二十年之經驗

鄭幸弘 黃文信 楊其穎 莊世杰 謝宗霖 黃秉淳 彭成元  
中國醫藥大學附設醫院消化醫學中心



October 5, 2024

【Conference Room D, 皇愉會議室 8-1】

## Symposium (1) 09:20~11:00

### Cutting Edge Knowledge of Pancreatology

Time	Topic	Speaker
Moderators : Tsann-Long Hwang 黃燦龍 Linkou Chang Gung Memorial Hospital 林口長庚紀念醫院 Wen-Hsin Huang 黃文信 China Medical University Hospital 中國醫藥大學附設醫院		
09:20-09:50	Diagnosis and Pretreatment Evaluation in Pancreatic Cancer. Taiwan Pancreas Society Recommendation	Meng-Ying Lin 林孟穎 National Cheng Kung University Hospital 成大醫院
09:50-10:20	The Guideline for Surgical Management of Pancreatic Cancer. Taiwan Pancreas Society Recommendation	Yan-Shen Shan 沈延盛 National Cheng Kung University Hospital 成大醫院
10:20-10:50	The Current Status of Systemic Treatments in Advanced Pancreatic Cancer	Jen-Shi Chen 陳仁熙 Linkou Chang Gung Memorial Hospital 林口長庚紀念醫院
10:50-11:00	Discussion	All Speakers

Oct. 5

Program



October 5, 2024

【Conference Room D, 皇愉會議室 8-1】

## Symposium (5) 13:40~15:20

### Advances in Neurogastroenterology and Motility Symposium: Optimization of Clinical Management

Time	Topic	Speaker
Moderators : Chien-Lin Chen 陳健麟 Hualien Tzu Chi Hospital 花蓮慈濟醫院 Ching-Liang Lu 盧俊良 Taipei Veterans General Hospital 臺北榮民總醫院		
13:40-13:45	Opening Remarks	Chien-Lin Chen 陳健麟 Hualien Tzu Chi Hospital 花蓮慈濟醫院
13:45-14:05	Irritable Bowel Syndrome: Patient-centered Strategies for Effective Management	Justin Wu 胡志遠 The Chinese University of Hong Kong 香港中文大學
14:05-14:25	Achalasia: Novel Insights into Pathophysiology and Implications for the Management	Ping-Huei Tseng 曾屏輝 National Taiwan University Hospital 台大醫院
14:25-14:45	Modern GERD Diagnosis, Lyon 2.0: Implications for Clinical Management	Wei-Yi Lei 雷尉毅 Hualien Tzu Chi Hospital 花蓮慈濟醫院
14:45-15:05	Updates in the Management of Abdominal Distension and Bloating	Yen-Po Wang 王彥博 Taipei Veterans General Hospital 臺北榮民總醫院
15:05-15:20	Discussion	All Speakers



October 5, 2024

【Conference Room D, 皇愉會議室 8-1】

## Symposium (8) 15:30~17:40

### Cutting Edge of Digestive Diseases

Time	Topic	Speaker	Moderator
15:30-16:05	Critical or Controversial Issues in the Surgical Management of Intrahepatic Cholangiocarcinoma	Taizo Hibi Kumamoto University Japan	Shen-Nien Wang 王森稔 Kaohsiung Medical University Chung-Ho Memorial Hospital 高雄醫學大學附設中和紀念醫院
16:05-16:40	Modern Therapeutic Approaches for Perihilar Cholangiocarcinoma	Chun-Yi Tsai 蔡駿逸 Linkou Chang Gung Memorial Hospital 林口長庚紀念醫院	Ta-Sen Yeh 葉大森 Linkou Chang Gung Memorial Hospital 林口長庚紀念醫院
16:40-17:15	Conversion Surgery for Advanced-Stage Hepatocellular Carcinoma	Akio Saiura Juntendo University Japan	Hong-Ren Yang 楊宏仁 China Medical University Hospital 中國醫藥大學附設醫院
17:15-17:40	Integrated Approaches in the Treatment of Hepatocellular Carcinoma: A Multimodal Strategy	Teng-Wei Chen 陳登偉 Tri-Service General Hospital 三軍總醫院	Kun-Ming Chan 詹昆明 Linkou Chang Gung Memorial Hospital 林口長庚紀念醫院

Oct. 5

Program



October 5, 2024

【Conference Room E, 皇愉會議室 8-2】

## Free Paper (5) – SLD 08:20~09:20

Moderators : Chun-Che Lin (林俊哲) 、 Chung-Feng Huang (黃鈞峰)

08:20-08:30 25. **MULTIPLE GENETIC POLYMORPHISMS ARE ASSOCIATED WITH THE RISK OF METABOLIC SYNDROME, FATTY LIVER, AND AIRFLOW LIMITATION: A TAIWAN BIOBANK STUDY**

Ying-Ying Yang<sup>1,2</sup>, Hwai-I Yang<sup>3,4</sup>, Hsiao-Chin Shen<sup>1,2</sup>, Mei-Hung Pan<sup>3,4</sup>,  
Chih-Jen Huang<sup>3,4</sup>, Hsiao-Yun Yeh<sup>1,2</sup>, Kuei-Chuan Lee<sup>2,5</sup>, Han-Chieh Lin<sup>2,5</sup>,  
Ming-Chih Hou<sup>1,2,5</sup>

<sup>1</sup>Department of Medical Education, Taipei Veterans General Hospital, Taipei, Taiwan

<sup>2</sup>School of Medicine, College of Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan

<sup>3</sup>Genomics Research Center, Academia Sinica, Taipei, Taiwan

<sup>4</sup>Doctoral Program of Clinical and Experimental Medicine, National Sun Yat-Sen University, Kaohsiung, Taiwan

<sup>5</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Taipei Veterans General Hospital, Taipei, Taiwan

### 多種基因多態性與代謝症候群、脂肪肝和氣流受限的風險有關：Taiwan Biobank 研究

楊盈盈<sup>1,2</sup> 楊懷壹<sup>3,4</sup> 沈曉津<sup>1,2</sup> 潘眉紅<sup>3,4</sup> 黃志仁<sup>3,4</sup> 葉筱芸<sup>1,2</sup> 李癸洲<sup>2,5</sup> 林漢傑<sup>2,5</sup> 侯明志<sup>1,2,5</sup>

<sup>1</sup> 臺北榮民總醫院教學部

<sup>2</sup> 國立陽明交通大學醫學系

<sup>3</sup> 中央研究院基因體中心

<sup>4</sup> 國立中山大學臨床醫學科學博士學位學程

<sup>5</sup> 臺北榮民總醫院胃腸肝膽科



08:30-08:40 26. **TO INVESTIGATE THE FIBROSIS, INFLAMMATION AND LIPOGENESIS EFFECTS BY ENVIRONMENTAL TOXICANT WITH LIPID-ENRICHED CONDITIONS ON NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD) TO HEPATOCELLULAR CARCINOMA (HCC)**

Saptarshi Bhattacharyya<sup>1</sup>, Jee-Fu Huang<sup>2</sup>, Ming-Lung Yu<sup>2</sup>, Shu-Chi Wang<sup>1</sup>, Chia-Yen Dai<sup>2</sup>

<sup>1</sup>Department of Medical Laboratory Science and Biotechnology, Kaohsiung Medical University, Kaohsiung, Taiwan

<sup>2</sup>Department of Internal Medicine, Kaohsiung Municipal Hsiao-Kang Hospital, Kaohsiung, Taiwan

研究富含脂質的環境毒物對非酒精性脂肪肝病（NAFLD）至肝細胞癌（HCC）的纖維化、發炎和脂肪生成的影響

Saptarshi Bhattacharyya<sup>1</sup> 黃志富<sup>2</sup> 余明隆<sup>2</sup> 王述綺<sup>1</sup> 戴嘉言<sup>2</sup>

<sup>1</sup>高雄醫學大學醫學檢驗生物技術學系

<sup>2</sup>高雄醫學大學附設中和紀念醫院肝膽胰內科

08:40-08:50 27. **THE ASSOCIATIONS BETWEEN DYSBIOTIC MICROBIOTA AND PRESENCE OF MASLD IN INDIVIDUALS RECEIVING HEALTH CHECK-UP IN SOUTHERN TAIWAN**

Kung-Hung Lin<sup>1,2</sup>, Chi-Shen Chen<sup>1</sup>, Chiao-Lin Hsu<sup>1</sup>, Wei-Chin Huang<sup>1</sup>, Pin-Chieh Wu<sup>1</sup>, Kuang-Chieh Hsueh<sup>1,3</sup>, Jui-Ho Wang<sup>1,4</sup>, I-Shu Chen<sup>1,5</sup>, Hsien-Chung Yu<sup>1,2</sup>

<sup>1</sup>Health Management Center, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan

<sup>2</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan

<sup>3</sup>Department of Family Medicine, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan

<sup>4</sup>Division of Colorectal Surgery, Department of Surgery, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan

<sup>5</sup>Division of General Surgery, Department of Surgery, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan

在南臺灣接受健康檢查者中，失調性微生物叢與代謝功能障礙相關脂肪肝病之相關性

林恭弘<sup>1,2</sup> 陳己升<sup>1</sup> 許喬琳<sup>1</sup> 黃偉晉<sup>1</sup> 吳品潔<sup>1</sup> 薛光傑<sup>1,3</sup> 王瑞和<sup>1,4</sup> 陳以書<sup>1,5</sup> 余憲忠<sup>1,2</sup>

<sup>1</sup>高雄榮民總醫院健康管理中心

<sup>2</sup>高雄榮民總醫院胃腸肝膽科

<sup>3</sup>高雄榮民總醫院家庭醫學部

<sup>4</sup>高雄榮民總醫院大腸直腸外科

<sup>5</sup>高雄榮民總醫院一般外科

08:50-09:00 28. **COMPARED THE EFFICACY OF DIFFERENT STATIN BASE MEDICINE IN REDUCING THE LIVER INFLAMMATION AMONG THE PATIENTS WITH METABOLIC ASSOCIATED STEATOTIC LIVER DISEASE – A SINGLE HOSPITAL RETROSPECTIVE COHORT STUDY**

Yi-Tseng Tsai<sup>1</sup>, Chu-Kuang Chou<sup>2</sup>, Li-Fu Kuo<sup>1</sup>, I-Ting Wu<sup>1</sup>, Ping-I Hsu<sup>1</sup>, Kun-Feng Tsai<sup>1</sup>

<sup>1</sup>Division of Gastroenterology, Department of Internal Medicine, An Nan Hospital, China Medical University, Tainan, Taiwan

<sup>2</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Chiayi Christian Hospital, Chiayi, Taiwan

比較以不同 **Statin** 為基礎的藥物改善代謝性肝臟疾病之病人肝臟發炎之療效改善差異 — 一回溯性研究

蔡宜蓁<sup>1</sup> 周苜光<sup>2</sup> 郭立夫<sup>1</sup> 吳奕霆<sup>1</sup> 許秉毅<sup>1</sup> 蔡坤峰<sup>1</sup>

<sup>1</sup>臺南市立安南醫院—委託中國醫藥大學興建經營消化內科

<sup>2</sup>戴德森醫療財團法人嘉義基督教醫院胃腸肝膽科

09:00-09:10 29. **METABOLIC DYSFUNCTION-ASSOCIATED STEATOTIC LIVER DISEASE IS ASSOCIATED WITH INCREASED RISKS OF HEART FAILURE**

Kai-Chun Chang<sup>1</sup>, Tung-Hung Su<sup>2,3</sup>, Cho-Kai Wu<sup>1</sup>, Shang-Chin Huang<sup>4,5</sup>, Tai-Chung Tseng<sup>2,3,6</sup>, Chun-Ming Hong<sup>2</sup>, Shih-Jer Hsu<sup>2,3</sup>, Chen-Hua Liu<sup>2,3</sup>, Hung-Chih Yang<sup>2,3</sup>, Chun-Jen Liu<sup>2,3</sup>, Jia-Horng Kao<sup>2,3,5,6</sup>

<sup>1</sup>Division of Cardiology, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

<sup>2</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

<sup>3</sup>Hepatitis Research Center, National Taiwan University Hospital, Taipei, Taiwan

<sup>4</sup>Department of Internal Medicine, National Taiwan University Hospital Bei-Hu Branch, Taipei, Taiwan

<sup>5</sup>Graduate Institute of Clinical Medicine, National Taiwan University College of Medicine, Taipei, Taiwan

<sup>6</sup>Department of Medical Research, National Taiwan University Hospital, Taipei, Taiwan

代謝相關性脂肪肝病與心衰竭風險

張凱鈞<sup>1</sup> 蘇東弘<sup>2,3</sup> 吳卓鐸<sup>1</sup> 黃上秦<sup>4,5</sup> 曾岱宗<sup>2,3,6</sup> 洪俊銘<sup>2</sup> 徐士哲<sup>2,3</sup> 劉振驊<sup>2,3</sup> 楊宏志<sup>2,3</sup>  
劉俊人<sup>2,3</sup> 高嘉宏<sup>2,3,5,6</sup>

<sup>1</sup>國立臺灣大學醫學院附設醫院心臟內科

<sup>2</sup>國立臺灣大學醫學院附設醫院胃腸肝膽科

<sup>3</sup>國立臺灣大學醫學院附設醫院肝炎研究中心

<sup>4</sup>國立臺灣大學醫學院附設醫院北護分院內科部

<sup>5</sup>國立臺灣大學醫學院臨床醫學研究所

<sup>6</sup>國立臺灣大學醫學院附設醫院醫學研究部

09:10-09:20 30. **HYDROXYCHLOROQUINE FOR THE TREATMENT OF METABOLIC DYSFUNCTION-ASSOCIATED STEATOHEPATITIS**

Hsu-Hua Tseng<sup>1</sup>, Chung-Jui Huang<sup>2</sup>, Chih-Kai Chen<sup>3</sup>, Kuan-Yu Lin<sup>3</sup>, Hung-Chih Yang<sup>1,4</sup>, Feng-Chiao Tsai<sup>1,2</sup>

<sup>1</sup>Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

<sup>2</sup>Graduate Institute of Pharmacology, National Taiwan University College of Medicine, Taipei, Taiwan

<sup>3</sup>School of Medicine, National Taiwan University College of Medicine, Taipei, Taiwan

<sup>4</sup>Graduate Institute of Microbiology, National Taiwan University College of Medicine, Taipei, Taiwan

**以羥氯奎寧治療脂肪性肝炎**

曾旭華<sup>1</sup> 黃崇睿<sup>2</sup> 陳至楷<sup>3</sup> 林冠宇<sup>3</sup> 楊宏志<sup>1,4</sup> 蔡丰喬<sup>1,2</sup>

<sup>1</sup> 國立臺灣大學醫學院附設醫院內科部

<sup>2</sup> 國立臺灣大學藥理學研究所

<sup>3</sup> 國立臺灣大學醫學系

<sup>4</sup> 國立臺灣大學微生物學研究所

October 5, 2024

【Conference Room E, 皇愉會議室 8-2】

## Research Award – Liver 09:20~10:10

Moderators & Judge : Prof. Teng-Yu Lee 李騰裕  
Prof. Chao-Hung Hung 洪肇宏  
Prof. Chien-Wei Su 蘇建維

1. **CARDIO-METABOLIC RISKS AND CARDIOVASCULAR OUTCOMES POST-HCV  
(P.001) ERADICATION: INSIGHTS FROM TAIWANESE COHORTS**

Pei-Chien Tsai, Chung-Feng Huang, Jee-Fu Huang, Ming-Lung Yu, T-ACR Study Group  
Division of Hepatobiliary, Department of Internal Medicine, Kaohsiung Medical University Hospital,  
Kaohsiung, Taiwan

**C 肝根除後代謝相關因子與心血管疾病之相關：一個大型台灣世代研究**

蔡佩倩 黃釗峰 黃志富 余明隆  
高雄醫學大學附設中和紀念醫院肝膽胰內科

2. **ESTABLISH THE PREDICTION MODEL OF CLINICAL RELAPSE AND  
(P.002) HBSAG LOSS IN HBEAG-NEGATIVE PATIENTS WITHOUT CIRRHOSIS WHO  
DISCONTINUED ENTECAVIR OR TENOFOVIR THERAPY**

Chien-Hung Chen, Kwong-Ming Kee, Jing-Houng Wang, Tsung-Hui Hu, Chao-Hung Hung,  
Sheng-Nan Lu  
Division of Hepato-Gastroenterology, Department of Internal Medicine, Kaohsiung Chang Gung  
Memorial Hospital and Chang Gung University College of Medicine, Kaohsiung, Taiwan

**建立 B 型肝炎 e 抗原陰性無肝硬化患者在貝樂克或惠立妥停藥後發生臨床復發及 B  
型肝炎表面抗原消失的預測模式**

陳建宏 紀廣明 王景弘 胡琮輝 洪肇宏 盧勝男  
長庚醫療財團法人高雄長庚紀念醫院胃腸肝膽科系暨長庚大學醫學系



3. **SIGNIFICANT PREDICTORS OF CLINICAL OUTCOMES IN METABOLIC ASSOCIATED FATTY LIVER DISEASE-RELATED HEPATOCELLULAR CARCINOMA FOLLOWING HEPATECTOMY**  
(P.003)

Chih-Wen Lin<sup>1,2</sup>, Yu-Wei Huang<sup>2,3,4</sup>, Wen-Lung Wang<sup>1,2</sup>, Po-Jen Hsiao<sup>5</sup>, Szu-Ying Chen<sup>2,3,4,6</sup>, Pei-Min Hsieh<sup>2,7,8</sup>, Yaw-Sen Chen<sup>2</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Medicine, E-Da Hospital, I-Shou University, Kaohsiung, Taiwan

<sup>2</sup>School of Medicine, College of Medicine, I-Shou University, Kaohsiung, Taiwan

<sup>3</sup>Division of Surgical Intensive Care, Department of Critical Care Medicine, E-Da Hospital, I-Shou University, Kaohsiung, Taiwan

<sup>4</sup>Department of Nursing, Fooyin University, Kaohsiung, Taiwan

<sup>5</sup>Division of Gastroenterology and Hepatology, E-Da Dachang Hospital, I-Shou University, Kaohsiung, Taiwan

<sup>6</sup>Division of Occupational Medicine, E-Da Hospital, I-Shou University, Kaohsiung, Taiwan

<sup>7</sup>Department of Surgery, E-Da Hospital, I-Shou University, Kaohsiung, Taiwan

<sup>8</sup>Department of Surgery, E-Da Dachang Hospital, I-Shou University, Kaohsiung, Taiwan

**代謝性脂肪肝引起的肝癌經肝切除術後的臨床結果的重要預測因素**

林志文<sup>1,2</sup> 黃煜為<sup>2,3,4</sup> 王文瑜<sup>1,2</sup> 蕭博仁<sup>5</sup> 陳思穎<sup>2,3,4,6</sup> 謝沛民<sup>2,7,8</sup> 陳耀森<sup>2</sup>

<sup>1</sup> 義大醫院胃腸肝膽科

<sup>2</sup> 義守大學醫學系

<sup>3</sup> 義大醫院外科加護病房及急重症部

<sup>4</sup> 輔英大學護理部

<sup>5</sup> 義大大昌醫院胃腸肝膽科

<sup>6</sup> 義大醫院職業醫學科

<sup>7</sup> 義大醫院一般外科

<sup>8</sup> 義大大昌醫院一般外科

4. **THE IMPACT OF BACTEROIDES OVATUS IN THE GUT ON FATTY LIVER IN DIET-INDUCED OBESE MICE AND CHILDREN WITH OBESITY**  
(P.004)

Yu-Cheng Lin<sup>1</sup>, Chun-Liang Chen<sup>1</sup>, Hsueh-Fang Lin<sup>1</sup>, Yen-Hsuan Ni<sup>2</sup>

<sup>1</sup>Division of Pediatric Gastroenterology, Department of Pediatrics, Taipei Veterans General Hospital, Taipei, Taiwan

<sup>2</sup>Department of Pediatrics, National Taiwan University Hospital, Taipei, Taiwan

**腸道中卵形擬桿菌對飲食誘導肥胖小鼠和肥胖兒童脂肪肝的影響**

林裕誠<sup>1</sup> 陳俊良<sup>1</sup> 林雪芳<sup>1</sup> 倪衍玄<sup>2</sup>

<sup>1</sup> 臺北榮民總醫院兒童胃腸科

<sup>2</sup> 台大醫院小兒部

5. **TARGETING PPP1R15B AND ATF4 AXIS IN HEPATOCELLULAR CARCINOMA: A NOVEL STRATEGY FOR OVERCOMING LENVATINIB-TOLERANT PERSISTENT CELLS THROUGH GPX4-MEDIATED FERROPTOSIS INDUCTION**  
(P.005)

Ming-Yao Chen<sup>1,2</sup>, Vijesh Kumar Yadav<sup>1,2</sup>, Chi-Tai Yeh<sup>3,4</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, School of Medicine, College of Medicine, Taipei Medical University, Taipei, Taiwan

<sup>2</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Shuang Ho Hospital, New Taipei City, Taiwan

<sup>3</sup>Department of Medical Research, Shuang Ho Hospital, New Taipei City, Taiwan

<sup>4</sup>Continuing Education Program of Food Biotechnology Applications, College of Science and Engineering, National Taitung University, Taitung, Taiwan

**靶向 PPP1R15B 和 ATF4 軸在肝細胞癌中的應用：通過 GPX4 介導的鐵死亡誘導克服樂衛瑪引發之頑固型耐藥肝癌的治療策略**

陳明堯<sup>1,2</sup> 魏吉世<sup>1,2</sup> 葉淇臺<sup>3,4</sup>

<sup>1</sup>臺北醫學大學醫學系消化內科

<sup>2</sup>衛生福利部雙和醫院消化內科

<sup>3</sup>衛生福利部雙和醫院研究部

<sup>4</sup>國立臺東大學食品生物技術應用二年制在職學位學程

6. **HIGHER LEVEL OF HEPATITIS B SURFACE ANTIGEN ASSOCIATED WITH DELAYED DEVELOPMENT OF HEPATOCELLULAR CARCINOMA IN IMMUNE-TOLERANT PATIENTS**  
(P.006)

Tai-Chung Tseng<sup>1,2,3</sup>, Chun-Jen Liu<sup>1,2</sup>, Chien-Jen Chen<sup>4</sup>, Tung-Hung Su<sup>1,2</sup>, Wan-Ting Yang<sup>2</sup>, Hung-Chih Yang<sup>1,5,6</sup>, Chen-Hua Liu<sup>1,2</sup>, Pei-Jer Chen<sup>1,2,3,5,6</sup>, Hwai-I Yang<sup>4,7,8,9,10</sup>, Jia-Horng Kao<sup>1,2,3,4</sup>

<sup>1</sup>Division of Gastroenterology, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan; <sup>2</sup>Hepatitis Research Center, National Taiwan University Hospital, Taipei, Taiwan; <sup>3</sup>Department of Medical Research, National Taiwan University Hospital, Taipei, Taiwan; <sup>4</sup>Genomics Research Center, Academia Sinica, Taipei, Taiwan; <sup>5</sup>Graduate Institute of Clinical Medicine, National Taiwan University College of Medicine, Taipei, Taiwan; <sup>6</sup>Department of Microbiology, National Taiwan University College of Medicine, Taipei, Taiwan; <sup>7</sup>Institute of Clinical Medicine, National Yang-Ming Chiao Tung University, Taipei, Taiwan; <sup>8</sup>Graduate Institute of Medicine, College of Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan; <sup>9</sup>Biomedical Translation Research Center, Academia Sinica, Taipei, Taiwan; <sup>10</sup>Doctoral Program of Clinical and Experimental Medicine, National Sun Yat-Sen University, Kaohsiung, Taiwan

**對於免疫耐受期之慢性 B 型肝炎患者，較高 B 型肝炎表面抗原濃度與肝癌的延遲發生有關**

曾岱宗<sup>1,2,3</sup> 劉俊人<sup>1,2</sup> 陳建仁<sup>4</sup> 蘇東弘<sup>1,2</sup> 楊菀婷<sup>2</sup> 楊宏志<sup>1,5,6</sup> 劉振驊<sup>1,2</sup> 陳培哲<sup>1,2,3,5,6</sup> 楊懷壹<sup>4,7,8,9,10</sup>

高嘉宏<sup>1,2,3,4</sup>

<sup>1</sup>台大醫院胃腸肝膽科 ; <sup>2</sup>台大醫院肝炎研究中心 ; <sup>3</sup>台大醫院醫學研究部 ; <sup>4</sup>中央研究院基因體研究中心 ; <sup>5</sup>台大醫學院臨床醫學研究所 ; <sup>6</sup>台大醫學院微生物學系 ; <sup>7</sup>國立陽明交通大學臨床醫學研究所 ; <sup>8</sup>高雄醫學大學醫學研究所 ; <sup>9</sup>中央研究院生醫轉譯研究中心 ; <sup>10</sup>國立中山大學臨床醫學科學博士學位學程

7. **UNLOCKING THE POWER OF GENERATIVE ARTIFICIAL INTELLIGENCE:  
(P.007) TRANSFORMING LIVER LESION DIAGNOSIS IN CT SCANS**

Pushpanjali Gupta<sup>1,2,3</sup>, Chun-Ying Wu<sup>1,2,3,4,5</sup>, Che-Lun Hung<sup>2,3</sup>, Yao-Chun Hsu<sup>6,7</sup>, Yuan-Chia Chu<sup>8,9</sup>, Chia-Sheng Chu<sup>10,11</sup>, Teng-Yu Lee<sup>12,13</sup>, Sulagna Mohapatra<sup>2,13</sup>

<sup>1</sup>Institute of Biomedical Informatics, National Yang Ming Chiao Tung University, Taipei, Taiwan; <sup>2</sup>Health Innovation Center, National Yang Ming Chiao Tung University, Taipei, Taiwan; <sup>3</sup>Institute of Public Health, National Yang Ming Chiao Tung University, Taipei, Taiwan; <sup>4</sup>Division of Translational Research, Taipei Veterans General Hospital, Taipei, Taiwan; <sup>5</sup>Department of Public Health, China Medical University, Taichung, Taiwan; <sup>6</sup>Division of Gastroenterology and Hepatology, E-Da Hospital, Kaohsiung, Taiwan; <sup>7</sup> School of Medicine, I-Shou University, Kaohsiung, Taiwan; <sup>8</sup>Information Management Office & Big Data Center, Taipei Veterans General Hospital, Taipei, Taiwan; <sup>9</sup>Department of Information Management, National Taipei University of Nursing and Health Sciences, Taipei, Taiwan; <sup>10</sup>Division of Gastroenterology and Hepatology, Taipei City Hospital Yang Ming Branch, Taipei, Taiwan; <sup>11</sup>Program of Interdisciplinary Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan; <sup>12</sup>Division of Gastroenterology & Hepatology, Taichung Veterans General Hospital, Taichung, Taiwan; <sup>13</sup>School of Medicine, Chung Shan Medical University, Taichung, Taiwan

8. **FORECASTED CHANGES IN TUMOR CHARACTERISTICS AND SURVIVAL OF  
(P.008) PATIENTS WITH NONVIRAL HEPATOCELLULAR CARCINOMA IN THE UNITED STATES: A MODELING STUDY BASED ON THE SEER-MEDICARE DATABASE**

Joanne Kimiko Liu<sup>1</sup>, Nicholas Chien<sup>1</sup>, Curtis Chong<sup>2</sup>, Scott Barnett<sup>1</sup>, Ramsey Cheung<sup>1,4</sup>, Mindie H. Nguyen<sup>1,4,5</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Medicine, Stanford University Medical Center, Palo Alto, CA, USA  
<sup>2</sup>Division of Oncology, Department of Medicine, Stanford University Medical Center, Palo Alto, CA, USA  
<sup>3</sup>Division of Gastroenterology and Hepatology, Veterans Affairs Palo Alto Health Care System, Palo Alto, CA, USA  
<sup>4</sup>Department of Epidemiology and Population Health, Stanford University Medical Center, Palo Alto, CA, USA  
<sup>5</sup>Stanford Cancer Institute, Stanford University Medical Center, Palo Alto, CA, USA



October 5, 2024

【Conference Room E, 皇愉會議室 8-2】

## Research Award – GI 10:10~11:00

Moderators & Judge : Prof. Yin-Yi Chu 朱允義  
Prof. Hsiang-Yao Shih 施翔耀  
Prof. Hsu-Heng Yen 顏旭亨

### 1. **ENDOSCOPIC ULTRASOUND-GUIDED COIL INJECTION FOR GASTRIC (P.081) VARICES: INITIAL EXPERIENCE IN A TAIWANESE MEDICAL CENTER**

Jung-Chun Lin<sup>1</sup>, Hsing-Hao Ho<sup>2</sup>, Tien-Yu Huang<sup>1</sup>, Peng-Jen Chen<sup>1</sup>, Tsai-Yuan Hsieh<sup>1</sup>, Wei-Kuo Chang<sup>1</sup>

<sup>1</sup>Division of Gastroenterology, Department of Internal Medicine, Tri-Service General Hospital, National Defense Medical Center, Taipei, Taiwan

<sup>2</sup>Department of Radiology, Tri-Service General Hospital, National Defense Medical Center, Taipei, Taiwan

內視鏡超音波引導下栓塞線圈注射治療胃靜脈曲張：台灣醫學中心初步經驗

林榮鈞<sup>1</sup> 何幸豪<sup>2</sup> 黃天祐<sup>1</sup> 陳鵬仁<sup>1</sup> 謝財源<sup>1</sup> 張維國<sup>1</sup>

<sup>1</sup> 國防醫學院三軍總醫院胃腸科

<sup>2</sup> 國防醫學院三軍總醫院放射診斷部

### 2. **THE EFFECTIVENESS OF ENDOSCOPIC ARGON PLASMA (P.082) COAGULATION ABLATION V.S. PROTON PUMP INHIBITORS FOR THE LARYNGOPHARYNGEAL SYMPTOMS IN SYMPTOMATIC CERVICAL INLET PATCHES: A FIRST CASE SERIES IN ASIA-PACIFIC REGION**

Yoen-Young Chuah<sup>1,2</sup>, Lian-Feng Lin<sup>1</sup>, Chia-Jung Kuo<sup>1</sup>, Seng-Howe Nguang<sup>1</sup>, Yi-Chun Chan<sup>1</sup>, Chung-Fong Lin<sup>1</sup>, Lin-Suei Jhang<sup>1</sup>, Yeong Yeh Lee<sup>3</sup>, Chu-Kuang Chou<sup>4</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Ping Tung Christian Hospital, Pingtung, Taiwan

<sup>2</sup>Department of Nursing, Mei Ho University, Pingtung, Taiwan

<sup>3</sup>Department of Medicine, School of Medical Sciences, Universiti Sains Malaysia, Kubang Kerian, Kelantan, Malaysia

<sup>4</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Ditmanson Medical Foundation Chia-Yi Christian Hospital, Chiayi, Taiwan

內視鏡氬氣電漿凝固消融術與質子泵抑制劑對有症狀食道入口斑塊患者咽喉症狀的療效比較：亞太地區首例病例系列研究

蔡元榮<sup>1,2</sup> 林連豐<sup>1</sup> 郭志榮<sup>1</sup> 阮盛豪<sup>1</sup> 詹益群<sup>1</sup> 林群峰<sup>1</sup> 張琳遂<sup>1</sup> 李永葉<sup>3</sup> 周莒光<sup>4</sup>

<sup>1</sup> 屏東基督教醫院胃腸肝膽科

<sup>2</sup> 美和科技大學護理系

<sup>3</sup> 馬來西亞理科學醫學院

<sup>4</sup> 嘉義基督教醫院胃腸肝膽科

3. **MULTIPLE DRAINAGE APPROACHES TO DRAIN A MAXIMUM OF LIVER SEGMENTS DID NOT IMPROVE CLINICAL OUTCOMES IN PALLIATIVE DRAINAGE OF MALIGNANT HIGH GRADE BILIARY STRICTURES**  
(P.083)

Tung-Yen Lin<sup>1,2</sup>, Yu-Ting Kuo<sup>1,2,3</sup>, Jia-Kuo Chen<sup>4</sup>, Hung-Yao Lin<sup>1,2</sup>, Sheng-Jie Chang<sup>1,2</sup>, Chi Ko<sup>1,2</sup>, Hsiu-Po Wang<sup>1,2</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

<sup>2</sup>Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

<sup>3</sup>Division of Endoscopy, Department of Integrated Diagnostics and Therapeutics, National Taiwan University Hospital, Taipei, Taiwan

<sup>4</sup>Department of Internal Medicine, Kinmen Hospital, Ministry of Health and Welfare, Kinmen, Taiwan

最大限度姑息性膽道引流對於高度惡性膽道狹窄無法增加顯著預後

林東彥<sup>1,2</sup> 郭雨庭<sup>1,2,3</sup> 陳嘉國<sup>4</sup> 林弘堯<sup>1,2</sup> 張勝傑<sup>1,2</sup> 葛齊<sup>1,2</sup> 王秀伯<sup>1,2</sup>

<sup>1</sup> 國立臺灣大學醫學院附設醫院胃腸肝膽科

<sup>2</sup> 國立臺灣大學醫學院附設醫院內科部

<sup>3</sup> 國立臺灣大學醫學院附設醫院內視鏡科

<sup>4</sup> 衛生福利部金門醫院內科部

4. **IMPACT OF PERIOD AND BIRTH-COHORT ON THE TEMPORAL TREND OF ADVANCED NEOPLASMS PREVALENCE IN THE 40–49 AVERAGE-RISK SCREENING POPULATION**  
(P.084)

Hsu-Hua Tseng<sup>1</sup>, Chiu-Wen Su<sup>1</sup>, Wen-Chen Chang<sup>1</sup>, Wei-Yuan Chang<sup>2</sup>, Wen-Feng Hsu<sup>1</sup>, Li-Chun Chang<sup>1</sup>, Ming-Shiang Wu<sup>1</sup>, Han-Mo Chiu<sup>1</sup>

<sup>1</sup>Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

<sup>2</sup>Department of Internal Medicine, National Taiwan University Cancer Center, Taipei, Taiwan

不同年代與出生世代對 40–49 歲一般風險篩檢族群大腸進行性腺瘤盛行率歷年變化之影響

曾旭華<sup>1</sup> 蘇秋文<sup>1</sup> 張文禎<sup>1</sup> 張為淵<sup>2</sup> 許文峰<sup>1</sup> 張立群<sup>1</sup> 吳明賢<sup>1</sup> 邱瀚模<sup>1</sup>

<sup>1</sup> 國立臺灣大學醫學院附設醫院內科部

<sup>2</sup> 國立臺灣大學醫學院附設醫院癌醫中心分院內科部

## 5. **TIMING IN ENDOSCOPIC INTERVENTION FOR ESOPHAGEAL SHARP-POINTED FOREIGN BODY REMOVAL: BALANCING SWIFTNESS AND EFFICIENCY** (P.085)

Po-Han Huang<sup>1,2</sup>, Ming-Jen Chen<sup>1,2,3</sup>

<sup>1</sup>Division of Gastroenterology, Department of Internal Medicine, MacKay Memorial Hospital, Taipei, Taiwan

<sup>2</sup>Department of Medicine, MacKay Medical College, New Taipei City, Taiwan

<sup>3</sup>MacKay Junior College of Medicine, Nursing and Management, New Taipei City, Taiwan

**食道尖銳異物的內視鏡介入時機：速與效的平衡**

黃柏翰<sup>1,2</sup> 陳銘仁<sup>1,2,3</sup>

<sup>1</sup> 馬偕紀念醫院胃腸肝膽科

<sup>2</sup> 馬偕醫學院醫學系

<sup>3</sup> 馬偕醫護管理專科學校

## 6. **A MULTICENTER STUDY OF ENDOSCOPIC RESECTION FOR GASTRIC MYOGENIC TUMORS** (P.086)

Chih-Tsung Fan<sup>1</sup>, Tze-Yu Shieh<sup>2</sup>, Wen-Hung Hsu<sup>3</sup>, Hsi-Yuan Chien<sup>4</sup>, Ching-Tai Lee<sup>5</sup>, Wei-Chen Tai<sup>6</sup>, Sz-luan Shiu<sup>7,8,9</sup>, I-Ching Cheng<sup>10</sup>, Chen-Shuan Chung<sup>1,11</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Far Eastern Memorial Hospital, New Taipei City, Taiwan; <sup>2</sup>Division of Gastroenterology, Department of Internal Medicine, Mackay Memorial Hospital, Taipei, Taiwan; <sup>3</sup>Division of Gastroenterology, Kaohsiung Medical University Chung-Ho Memorial Hospital, Kaohsiung, Taiwan; <sup>4</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Taipei Medical University Hospital, Taipei, Taiwan; <sup>5</sup>Department of Endoscopy, E-Da Hospital and I-Shou University, Kaohsiung, Taiwan; <sup>6</sup>Division of Hepatogastroenterology, Department of Internal Medicine, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, Taiwan; <sup>7</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Taichung Veterans General Hospital, Taichung, Taiwan; <sup>8</sup>Department of Critical Care Medicine, Taichung Veterans General Hospital, Taichung, Taiwan; <sup>9</sup>Department of Internal Medicine, Yang Ming Chiao Tung University, Taipei, Taiwan; <sup>10</sup>Division of Gastroenterology, Department of Medicine, Taiwan Adventist Hospital, Taipei, Taiwan; <sup>11</sup>School of Medicine, Fu Jen Catholic University, New Taipei City, Taiwan

**以內視鏡切除胃肌肉層腫瘤：一個多中心研究**

范之仲<sup>1</sup> 謝子鈺<sup>2</sup> 許文鴻<sup>3</sup> 簡錫淵<sup>4</sup> 李青泰<sup>5</sup> 戴維震<sup>6</sup> 許斯淵<sup>7,8,9</sup> 鄭以勤<sup>10</sup> 鍾承軒<sup>1,11</sup>

<sup>1</sup> 亞東紀念醫院肝膽胃腸科 ; <sup>2</sup> 馬偕紀念醫院胃腸肝膽科 ; <sup>3</sup> 高雄醫學大學附設中和紀念醫院胃腸內科 ; <sup>4</sup> 臺北醫學大學附設醫院消化內科 ; <sup>5</sup> 義大醫療財團法人義大醫院 ; <sup>6</sup> 高雄長庚紀念醫院胃腸肝膽科 ; <sup>7</sup> 臺中榮民總醫院胃腸肝膽科 ; <sup>8</sup> 臺中榮民總醫院重症醫學部 ; <sup>9</sup> 國立陽明交通大學內科學系 ; <sup>10</sup> 基督復臨安息日會醫療財團法人臺安醫院胃腸肝膽科 ; <sup>11</sup> 天主教輔仁大學醫學系

7. **EVALUATION OF EFFECT OF LENVATINIB ON NF-KB SIGNALING-MEDIATED SURVIVAL AND INVASION IN COLORECTAL CANCER CELLS**  
(P.087)

Chien-Hua Chen

Digestive Disease Center, Show Chwan Memorial Hospital, Changhua, Taiwan

評估樂衛瑪對 NF-KB 訊號介導大腸直腸癌細胞存活和侵襲的影響

陳建華

秀傳醫療社團法人秀傳紀念醫院消化系中心

8. **THE FACTORS ASSOCIATED WITH ESOPHAGEAL STRICTURE AFTER ENDOSCOPIC SUBMUCOSAL DISSECTION FOR SUB-CIRCUMFERENTIAL OR CIRCUMFERENTIAL SUPERFICIAL ESOPHAGEAL SQUAMOUS CELL CARCINOMA**  
(P.088)

Kazuki Yamamoto, Masakatsu Fukuzawa, Takahiro Muramatsu, Midori Mizumachi, Satoshi

Shimai, Miki Wada, Tomohiro Ida, Haruki Kaizuka, Kenichi Tadokoro, Fumito Yamanishi, Yasuyuki

Kagawa, Takashi Morise, Yoshiya Yamauchi, Shin Kono, Sakiko Naito, Takao Itoi

Department of Gastroenterology and Hepatology, Tokyo Medical University Hospital, Tokyo, Japan

October 5, 2024

【Conference Room E, 皇愉會議室 8-2】

## Young Investigator Award (YIA) 13:40~15:00

Moderators & Judge : Prof. Chun-Chao Chang 張君照  
Prof. Ming-Jen Chen 陳銘仁  
Prof. Pin-Nan Cheng 鄭斌男

13:40-13:50 1. **THE IMPACT OF METABOLIC DYSFUNCTION BURDEN ON METACHRONOUS COLORECTAL NEOPLASM AMONG MASLD PATIENTS**

Wei-Yuan Chang<sup>1</sup>, Husan-Ho Lin<sup>2</sup>, Hao-Yu Wu<sup>3</sup>, Li-Chun Chang<sup>1</sup>, Wen-Feng Hsu<sup>1</sup>, Ming-Shiang Wu<sup>1</sup>, Han-Mo Chiu<sup>1</sup>

<sup>1</sup>Department of Gastroenterology, National Taiwan University Hospital, Taipei, Taiwan

<sup>2</sup>Department of Gastroenterology, National Taiwan University Hospital, Hsin-Chu Branch, Hsinchu, Taiwan

<sup>3</sup>Department of Internal Medicine, National Taiwan University Cancer Center, Taipei, Taiwan

代謝異常程度於代謝性脂肪肝（MASLD）族群對於異時性大腸直腸腫瘤生成之影響

張為淵<sup>1</sup> 林宣合<sup>2</sup> 吳浩宇<sup>3</sup> 張立群<sup>1</sup> 許文峰<sup>1</sup> 吳明賢<sup>1</sup> 邱瀚模<sup>1</sup>

<sup>1</sup> 國立臺灣大學醫學院附設醫院消化內科

<sup>2</sup> 國立臺灣大學醫學院附設醫院新竹臺大分院消化內科

<sup>3</sup> 國立臺灣大學醫學院附設醫院癌醫中心分院綜合內科

13:50-14:00 2. **TOPOGRAPHICAL PROFILING OF *HELICOBACTER PYLORIC* PATHOGENIC PATHWAYS: SEMI-QUANTIFIED ANALYSIS OF INFLAMMATION AND PREMALIGNANT CHANGES IN GASTRIC TISSUE**

Tzu-Chan Hong<sup>1,3</sup>, Chen-Tu Wu<sup>2</sup>, Yih-Leong Chang<sup>2</sup>, Yen-Lin Huang<sup>2</sup>, Yu-Ting Chen<sup>2</sup>, Chan-Yi Lin<sup>3</sup>, Jyh-Ming Liou<sup>1,3</sup>, Ming-Shiang Wu<sup>3</sup>

<sup>1</sup>Department of Internal Medicine, National Taiwan University Cancer Center, Taipei, Taiwan

<sup>2</sup>Department of Pathology, National Taiwan University Cancer Center, Taipei, Taiwan

<sup>3</sup>Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

描繪幽門螺旋桿菌致病途徑的空間分析：胃組織中炎症和癌前變化的半定量研究

洪子瞻<sup>1,3</sup> 吳振都<sup>2</sup> 張逸良<sup>2</sup> 黃彥霖<sup>2</sup> 陳毓婷<sup>2</sup> 林展毅<sup>3</sup> 劉志銘<sup>1,3</sup> 吳明賢<sup>3</sup>

<sup>1</sup> 台大醫院癌醫分院綜合內科部

<sup>2</sup> 台大醫院癌醫分院病理部

<sup>3</sup> 台大醫院內科部

14:00-14:10 3. **INTESTINAL INTEGRITY, METABOLIC SWITCHING, AND HOST-MICROBIOTA INTERACTION IN THE EARLY STAGE OF ALCOHOL-INDUCED INJURY**

Cheng-Hao Kuo<sup>1,2</sup>, Hsiao-Ping Chen<sup>3,4,5,6</sup>, Chi-Yu Lai<sup>3,4</sup>, Li-Ling Wu<sup>3,4,7</sup>,  
Chun-Ying Wu<sup>2,3,4,5,6</sup>

<sup>1</sup>Ph.D. Program of Interdisciplinary Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan

<sup>2</sup>School of Medicine, National Yang Ming Chiao Tung University, Taiwan

<sup>3</sup>Health Innovation Center, National Yang Ming Chiao Tung University, Taipei, Taiwan

<sup>4</sup>Microbiota Research Center, National Yang Ming Chiao Tung University, Taipei, Taiwan

<sup>5</sup>Institute of Biomedical Informatics, National Yang Ming Chiao Tung University, Taipei, Taiwan

<sup>6</sup>Division of Translational Research, Taipei Veterans General Hospital, Taipei, Taiwan

<sup>7</sup>Department and Institute of Physiology, National Yang Ming Chiao Tung University, Taipei, Taiwan

探討酒精性病變前期腸道完整性、代謝轉換、宿主腸道菌叢交互作用之變化

郭正浩<sup>1,2</sup> 陳筱萍<sup>3,4,5,6</sup> 賴麒宇<sup>3,4</sup> 吳莉玲<sup>3,4,7</sup> 吳俊穎<sup>2,3,4,5,6</sup>

<sup>1</sup> 國立陽明交通大學跨領域醫學博士學位學程

<sup>2</sup> 國立陽明交通大學醫學系

<sup>3</sup> 國立陽明交通大學健康創新中心

<sup>4</sup> 國立陽明交通大學微菌叢研究中心

<sup>5</sup> 國立陽明交通大學生物醫學資訊研究所

<sup>6</sup> 臺北榮民總醫院醫學研究部轉譯研究科

<sup>7</sup> 國立陽明交通大學生理學科暨研究所

14:10-14:20 4. **ASSOCIATION OF THE SLC30A8 RS13266634 VARIANT WITH THE COLORECTAL CANCER RISK IN THE TAIWANESE POPULATION**

Chun-Kang Lee<sup>1</sup>, I-Chieh Chen<sup>2</sup>, Yin-Cheng Lin<sup>1</sup>, Yi-Ming Chen<sup>2,3</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Taichung Veterans General Hospital, Taichung, Taiwan

<sup>2</sup>Department of Medical Research, Taichung Veterans General Hospital, Taichung, Taiwan

<sup>3</sup>Division of Allergy, Immunology and Rheumatology, Department of Internal Medicine, Taichung Veterans General Hospital, Taichung, Taiwan

**SLC30A8 rs13266634 變異與台灣族群大腸直腸癌風險的關聯**

李俊康<sup>1</sup> 陳怡潔<sup>2</sup> 林穎正<sup>1</sup> 陳一銘<sup>2,3</sup>

<sup>1</sup> 臺中榮民總醫院胃腸肝膽科

<sup>2</sup> 臺中榮民總醫院醫學研究部

<sup>3</sup> 臺中榮民總醫院過敏免疫風濕科

14:20-14:30 5. **CONVENTIONAL AND MACHINE-LEARNING BASED RISK SCORE ON SURVIVAL FOR PATIENTS WITH HEPATOCELLULAR CARCINOMA**

Yu-Fu Chen<sup>1</sup>, Chien-Wei Su<sup>2,3,4</sup>, Chun-Ting Ho<sup>1</sup>, Elise Chia-Hui Tan<sup>5</sup>,

Yi-Hsiang Huang<sup>1,3,4</sup>, Ming-Chih Hou<sup>1,3</sup>, Jiing-Chyuan Luo<sup>1,3</sup>, Jaw-Ching Wu<sup>4</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Medicine, Taipei Veterans General Hospital, Taipei, Taiwan

<sup>2</sup>Department of General Medicine, Department of Medicine, Taipei Veterans General Hospital, Taipei, Taiwan

<sup>3</sup>School of Medicine, College of Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan

<sup>4</sup>Institute of Clinical Medicine, College of Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan

<sup>5</sup>Department of Health Service Administration, College of Public Health, China Medical University, Taichung, Taiwan

## 機器學習發展之風險評分對肝細胞癌患者存活的預測

陳昱甫<sup>1</sup> 蘇建維<sup>2,3,4</sup> 何俊廷<sup>1</sup> 譚家惠<sup>5</sup> 黃怡翔<sup>1,3,4</sup> 侯明志<sup>1,3</sup> 羅景全<sup>1,3</sup> 吳肇卿<sup>4</sup>

<sup>1</sup> 臺北榮民總醫院胃腸肝膽科

<sup>2</sup> 臺北榮民總醫院一般內科

<sup>3</sup> 國立陽明交通大學醫學系

<sup>4</sup> 國立陽明交通大學臨床醫學研究所

<sup>5</sup> 中國醫藥大學醫務管理學系

14:30-14:40 6. **ANALYSIS OF PROTEOMICS OF HEPATOCYTE EXOSOMES IN THE PROGRESSION OF NAFLD**

En-Sheng Lin<sup>1</sup>, Shu-Chi Wang<sup>1,2,3,4,5</sup>

<sup>1</sup>Department of Medical Laboratory Science and Biotechnology, Kaohsiung Medical University, Kaohsiung, Taiwan

<sup>2</sup>Center for Liquid Biopsy, Kaohsiung Medical University, Kaohsiung, Taiwan

<sup>3</sup>Graduate Institute of Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan

<sup>4</sup>Department of Medical Research, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan

<sup>5</sup>Center of Excellence for Metabolic Associated Fatty Liver Disease, National Sun Yat-Sen University, Kaohsiung, Taiwan

## 對於肝細胞外泌體在非酒精性脂肪肝疾病的進展的蛋白質體學分析

林恩陞<sup>1</sup> 王述綺<sup>1,2,3,4,5</sup>

<sup>1</sup> 高雄醫學大學醫學檢驗生物技術學系

<sup>2</sup> 高雄醫學大學液態檢測中心

<sup>3</sup> 高雄醫學大學醫學研究所

<sup>4</sup> 高雄醫學大學附設醫院醫學研究部

<sup>5</sup> 國立中山大學代謝異常脂肪肝卓越研究中心

14:40-14:50 7. **MITOCHONDRIAL MEMBRANE PROTEIN SAMM50 IN HEPATIC STEATOSIS PROGRESSION**

Wei-Shiun Chen<sup>1</sup>, Jee-Fu Huang<sup>2</sup>, Chia-Yen Dai<sup>2</sup>, Wan-Long Chuang<sup>2</sup>, Ming-Lung Yu<sup>2</sup>, Shu-Chi Wang<sup>1</sup>

<sup>1</sup>Department of Medical Laboratory Science and Biotechnology, Kaohsiung Medical University, Kaohsiung, Taiwan

<sup>2</sup>Hepatobiliary Division, Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan

**粒線體表面穿膜蛋白 SAMM50 在代謝性脂肪肝變性進程中的保護角色**

陳韋勳<sup>1</sup> 黃志富<sup>2</sup> 戴嘉言<sup>2</sup> 莊萬龍<sup>2</sup> 余明隆<sup>2</sup> 王述綺<sup>1</sup>

<sup>1</sup>高雄醫學大學醫學檢驗生物技術學系

<sup>2</sup>高雄醫學大學附設中和紀念醫院肝膽胰內科

14:50-15:00 8. **INITIAL EXPERIENCE WITH DURVALUMAB PLUS GEMCITABINE AND CISPLATIN FOR INTRAHEPATIC CHOLANGIOCARCINOMA IN CLINICAL PRACTICE AT OUR INSTITUTION**

Mikoto Fujihara, Tatsuya Kakegawa, Kento Shionoya, Yuki Yamamoto, Mari Hayashi, Keisuke Nakajima, Shunsuke Nakamura, Mayuka Masuda, Hiroshi Takahashi, Takuya Wada, Yoshiya Yamauchi, Hirohito Takeuchi, Shuntaro Mukai, Katsutoshi Sugimoto, Atsushi Sofuni, Takao Itoi

Department of Gastroenterology and Hepatology, Tokyo Medical University Hospital, Tokyo, Japan

October 5, 2024

【Conference Room E, 皇愉會議室 8-2】

消化系基層醫療論壇 15:30~17:10

Forum of Gastroenterological Primary Care Setting

Time	Topic	Speaker	Moderator
15:30-15:35	Opening Remarks 開幕詞	Peng-Kuo Huang 黃鵬國 Huang Peng-Kuo Clinic 黃鵬國診所	
15:35-16:10	From Clinic to the President of the Medical Association – My Learned Experiences from Engaging in Public Affairs 從基層診所到醫師公會理事長 — 參與公共事務的學習之路	Tsai-Li Hung 洪才力 Nikon Clinic 日康診所	Peng-Kuo Huang 黃鵬國 Huang Peng-Kuo Clinic 黃鵬國診所
16:10-16:15	Discussion		
16:15-16:50	The Morphology of Colon Polyp 大腸息肉面相學	Keng-Liang Wu 吳耿良 Wu Kengliang Gastrointestinal Hepatobiliary Clinic 吳耿良診所	Yung-Hsiung Shih 施永雄 Ju Da Union Clinic 九大聯合診所
16:50-16:55	Discussion		
16:55-17:05	Forum on the Reimbursement of NHI in Primary Gastroenterology Clinic 基層消化系專科醫師健保申報論壇	Tun-Jen Hsiao 蕭敦仁 Charity Clinic 敦仁診所	Hsih-Hsi Wang 王世晞 E-com Clinic 宜康診所
17:05-17:10	Closing Remarks 閉幕詞	Hsih-Hsi Wang 王世晞 E-com Clinic 宜康診所	



October 6, 2024

【Conference Room A, 萬享 A 廳】

## Special Lecture (7) 08:30~09:20

Moderator : Prof. Pei-Jer Chen (陳培哲)

Topic : Frontiers in Modern Hepatology

Speaker : Prof. Ming-Lung Yu (余明隆)

## Special Lecture (8) 09:20~10:10

Moderator : Prof. Chao-Hung Kuo (郭昭宏)

Topic : The Role of Endoscopy in IBD

Speaker : Prof. Jeong-Sik Byeon

## Special Lecture (10) 10:20~11:10

Moderator : Prof. Cheng-Tang Chiu (邱正堂)

Topic : Post-Polypectomy Surveillance Intervals and It's Effects on Long-Term  
Colorectal Cancer Risk: The Japan Polyp Study Workgroup

Speaker : Prof. Yasushi Sano

## Prof. Teh-Hong Wang Memorial Lecture 11:10~12:00

Moderator : Prof. Jaw-Town Lin (林肇堂)

Topic : Use of Microbial Transplantation for Recurrent C Difficile Infection: Where Do  
We Stand?

Speaker : Prof. Francis Chan

Oct. 6

Program



October 6, 2024

【Conference Room A, 萬享 A 廳】

## Symposium (13) 13:40~15:20

### Microbiota and Cancer

Time	Topic	Speaker	Moderator
13:40-14:00	Microbiota and Esophageal Cancer	I-Chen Wu 吳宜珍 Kaohsiung Medical University Chung-Ho Memorial Hospital 高雄醫學大學附設中和紀念醫院	Cheng-Tang Chiu 邱正堂 Linkou Chang Gung Memorial Hospital 林口長庚紀念醫院
14:00-14:20	Microbiota and Stomach Cancer	Chieh-Chang Chen 陳介章 National Taiwan University Hospital 台大醫院	
14:20-14:40	Microbiota and Colon Cancer	Deng-Chyang Wu 吳登強 Kaohsiung Medical University Gangshan Hospital 高雄醫學大學附設高醫岡山醫院	Li-Tzong Chen 陳立宗 Kaohsiung Medical University Chung-Ho Memorial Hospital 高雄醫學大學附設中和紀念醫院
14:40-15:00	Microbiota and Liver Cancer	Chun-Ying Wu 吳俊穎 Taipei Veterans General Hospital 臺北榮民總醫院	
15:00-15:20	Panel Discussion	All Speakers	Ming-Shiang Wu 吳明賢 National Taiwan University Hospital 台大醫院

October 6, 2024

【Conference Room A, 萬享 A 廳】

## Hepatology Debrief 15:20~16:10

Moderator : Prof. Rong-Nan Chien (簡榮南)

Topic : Hepatology Debrief: APASL & EASL 2024

Speaker : Prof. Wen-Juei Jeng (鄭文睿)

Oct. 6

Program



October 6, 2024

【Conference Room B, 萬享 D 廳】

## Free Paper (6) – Cirrhosis & Portal 08:30~09:20

Moderators : Wen-Chi Chen (陳文誌) 、 Jiing-Chyuan Luo (羅景全)

08:30-08:40 31. **RISK STRATIFICATION OF LIVER-RELATED EVENTS AND HEPATOCELLULAR CARCINOMA AFTER ANTIVIRAL TREATMENT USING BASELINE AND POST-TREATMENT LIVER STIFFNESS**

Sheng-Hung Chen<sup>1,2</sup>, Hsueh-Chou Lai<sup>1,3</sup>, Yi-Chun Kuo<sup>1</sup>, Wei-Fan Hsu<sup>1,3</sup>,  
Hung-Wei Wang<sup>1,2</sup>, Cheng-Yuan Peng<sup>1,2</sup>

<sup>1</sup>Center for Digestive Medicine, Department of Internal Medicine, China Medical University Hospital, Taichung, Taiwan

<sup>2</sup>School of Medicine, China Medical University, Taichung, Taiwan

<sup>3</sup>School of Chinese Medicine, China Medical University, Taichung, Taiwan

利用治療前後肝臟硬度值進行抗病毒治療後的肝臟相關事件和肝細胞癌風險分層

陳昇弘<sup>1,2</sup> 賴學洲<sup>1,3</sup> 郭亦純<sup>1</sup> 許偉帆<sup>1,2</sup> 王鴻偉 彭成元<sup>1,2</sup>

<sup>1</sup> 中國醫藥大學附設醫院消化醫學中心

<sup>2</sup> 中國醫藥大學醫學系

<sup>3</sup> 中國醫藥大學中醫學系

08:40-08:50 32. **TOCILIZUMAB TREATMENT IMPROVES LIPOPOLYSACCHARIDE-INDUCED ACUTE LUNG INJURY IN BILIARY CIRRHOTIC RATS**

Ching-Chih Chang<sup>1,2</sup>, Kuang-Yao Yang<sup>1,2</sup>, Hui-Chun Huang<sup>1,2</sup>, Chiao-Lin Chuang<sup>1,2</sup>,  
Ming-Chih Hou<sup>1,2</sup>, Fa-Yauh Lee<sup>1,2</sup>

<sup>1</sup>Department of Medicine, Taipei Veterans General Hospital, Taipei, Taiwan

<sup>2</sup>Faculty of Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan

**Tocilizumab** 治療可改善肝硬化大鼠急性肺部損傷

張景智<sup>1,2</sup> 陽光耀<sup>1,2</sup> 黃惠君<sup>1,2</sup> 莊喬琳<sup>1,2</sup> 侯明志<sup>1,2</sup> 李發耀<sup>1,2</sup>

<sup>1</sup> 臺北榮民總醫院內科部

<sup>2</sup> 國立陽明交通大學醫學系

08:50-09:00 33. **ENHANCING THE DETECTION OF FOCAL LIVER LESIONS THROUGH DEEP-LEARNING SIGNATURE BY INTEGRATING OUTCOMES FROM MULTI-SEQUENCE MRI IN INDIVIDUALS WITH AND WITHOUT CIRRHOSIS**

Sulagna Mohapatra<sup>1,2</sup>, Chun-Ying Wu<sup>2,3,4,5,6</sup>, Yao-Chun Hsu<sup>7,8</sup>, Teng-Yu Lee<sup>1,9</sup>,  
Che-Lun Hung<sup>2,3</sup>, Yuan-Chia Chu<sup>10,11</sup>, Chia-Sheng Chu<sup>12,13</sup>, Pushpanjali Gupta<sup>2,3,4</sup>

<sup>1</sup>Division of Gastroenterology & Hepatology, Taichung Veterans General Hospital, Taichung, Taiwan; <sup>2</sup>Health Innovation Center, National Yang Ming Chiao Tung University, Taipei, Taiwan; <sup>3</sup>Institute of Biomedical Informatics, National Yang Ming Chiao Tung University, Taipei, Taiwan; <sup>4</sup>Institute of Public Health, National Yang Ming Chiao Tung University, Taipei, Taiwan; <sup>5</sup>Division of Translational Research, Taipei Veterans General Hospital, Taipei, Taiwan; <sup>6</sup>Department of Public Health, China Medical University, Taichung, Taiwan; <sup>7</sup>Division of Gastroenterology and Hepatology, E-Da Hospital, Kaohsiung, Taiwan; <sup>8</sup>School of Medicine, I-Shou University, Kaohsiung, Taiwan; <sup>9</sup>School of Medicine, Chung Shan Medical University, Taichung, Taiwan; <sup>10</sup>Information Management Office & Big Data Center, Taipei Veterans General Hospital, Taipei, Taiwan; <sup>11</sup>Department of Information Management, National Taipei University of Nursing and Health Sciences, Taipei, Taiwan; <sup>12</sup>Division of Gastroenterology and Hepatology, Taipei City Hospital Yang Ming Branch, Taipei, Taiwan; <sup>13</sup>Program of Interdisciplinary Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan

09:00-09:10 34. **RECONSIDERING PROPHYLACTIC ANTIBIOTIC USE IN CHILD-PUGH A CIRRHOTIC PATIENTS WITH UPPER GI BLEEDING**

Chien-Hao Huang, Ya-Ting Cheng, Ming-Hung Tsai, Chun-Yen Lin, Rong-Nan Chien  
Division of Hepatology, Department of Gastroenterology and Hepatology, Chang Gung Memorial Hospital, Linkou Medical Center, Taoyuan, Taiwan

重新考量在上消化道出血的 Child-Pugh A 肝硬化患者中使用預防性抗生素

黃建豪 鄭雅婷 蔡銘鴻 林俊彥 簡榮南  
林口長庚紀念醫院胃腸肝膽科系肝臟科

09:10-09:20 35. **MAC-2-BINDING PROTEIN GLYCOSYLATION ISOMER IMPROVES THE PREDICTION OF SUBSEQUENT HCC RISK IN PATIENTS WITH INTERMEDIATE FIB-4 SCORES**

Ze-Min Ling<sup>1</sup>, Tung-Hung Su<sup>1,2</sup>, Mei-Hsuan Lee<sup>3</sup>, Chun-Jen Liu<sup>1,2</sup>, Pei-Jer Chen<sup>1,2,4,5</sup>, Hung-Chih Yang<sup>1,2</sup>, Chen-Hua Liu<sup>1,2</sup>, Chi-Ling Chen<sup>4</sup>, Tai-Chung Tseng<sup>1,2</sup>, Chien-Hung Chen<sup>6</sup>, Hsuan-Shu Lee<sup>1</sup>, Chien-Jen Chen<sup>7</sup>, Jia-Horng Kao<sup>1,2,4,5</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

<sup>2</sup>Hepatitis Research Center, National Taiwan University Hospital, Taipei, Taiwan

<sup>3</sup>Institute of Clinical Medicine, National Yang-Ming Chiao Tung University, Taipei, Taiwan

<sup>4</sup>Graduate Institute of Clinical Medicine, National Taiwan University College of Medicine, Taipei, Taiwan

<sup>5</sup>Department of Medical Research, National Taiwan University Hospital, Taipei, Taiwan

<sup>6</sup>Department of Internal Medicine, National Taiwan University Hospital Yunlin Branch, Yunlin, Taiwan

<sup>7</sup>Genomics Research Center, Academia Sinica, Taipei, Taiwan

**MAC-2 結合蛋白糖基化異構體改善中度 FIB-4 指數患者的後續肝細胞癌風險預測**

凌澤民<sup>1</sup> 蘇東弘<sup>1,2</sup> 李美璇<sup>3</sup> 劉俊人<sup>1,2</sup> 陳培哲<sup>1,2,4,5</sup> 楊宏志<sup>1,2</sup> 劉振驊<sup>1,2</sup> 陳祈玲<sup>4</sup> 曾岱宗<sup>1,2</sup>  
陳健弘<sup>6</sup> 李宜書<sup>1</sup> 陳建仁<sup>7</sup> 高嘉宏<sup>1,2,4,5</sup>

<sup>1</sup> 國立臺灣大學醫學院附設醫院胃腸肝膽科

<sup>2</sup> 國立臺灣大學醫學院附設醫院肝炎研究中心

<sup>3</sup> 國立陽明交大臨床醫學研究所

<sup>4</sup> 國立臺灣大學臨床醫學研究所

<sup>5</sup> 國立臺灣大學醫學院附設醫院醫學研究部

<sup>6</sup> 國立臺灣大學醫學院附設醫院雲林分院

<sup>7</sup> 中央研究院基因體研究中心

October 6, 2024

【Conference Room B, 萬享 D 廳】

## Special Lecture (9) 09:20~10:10

Moderator : Prof. Wei-Chih Liao (廖偉智)

Topic : Current Japanese Clinical Practice and Future Developments in Chemotherapy  
Sequence for Patients with Metastatic Biliary Tract Cancers and Pancreatic  
Cancer

Speaker : Dr. Akihiro Ohba

Oct. 6

Program



October 6, 2024

【Conference Room B, 萬享 D 廳】

## Symposium (10) 10:20~12:00

### MASLD

Time	Topic	Speaker
Moderators : Ming-Lung Yu 余明隆 Kaohsiung Medical University 高雄醫學大學 Pin-Nan Cheng 鄭斌男 National Cheng Kung University Hospital 成大醫院		
10:20-10:45	From NASH, NAFLD, to MASLD	Chia-Chi Wang 王嘉齊 Taipei Tzu Chi Hospital 台北慈濟醫院
10:45-11:10	Disease Burden and Identification of SLD with Advanced Liver Fibrosis	Ming-Ling Chang 張明鈴 Linkou Chang Gung Memorial Hospital 林口長庚紀念醫院
11:10-11:35	Value and Applications of NITs	Jee-Fu Huang 黃志富 Kaohsiung Medical University Chung-Ho Memorial Hospital 高雄醫學大學附設中和紀念醫院
11:35-12:00	Is Resmetirom the Answer to NASH	Vincent Wong 黃焯榮 The Chinese University of Hong Kong 香港中文大學

October 6, 2024

【Conference Room B, 萬享 D 廳】

## Symposium (14) 13:40~15:20

### Breakthroughs in Innovative EUS-Guided Therapies for GI Diseases

Time	Topic	Speaker
Moderators : Cheuk-Kay Sun 孫灼基 Shin Kong Wu Ho-Su Memorial Hospital 新光醫院 Chien-Hua Chen 陳建華 Show Chwan Memorial Hospital 秀傳醫院		
13:40-14:00	Revolutionizing Gallbladder Drainage: Advanced EUS Techniques and Patient Selection	Akio Katanuma Teine Keijinkai Hospital Japan
14:00-14:20	Advanced EUS-Guided Therapies: Innovating Gastric Varices Management	Mohan J Ramchandani Asian Institute of Gastroenterology India
14:20-14:40	Cutting-Edge EUS-Guided Gastroenterostomy: A Contemporary Approach to Gastric Outlet Obstruction Management	Yu-Ting Kuo 郭雨庭 National Taiwan University Hospital 台大醫院
14:40-15:00	Elite EUS-Guided Pancreatic Drainage: Solving Complex Cases Beyond Conventional Methods	Cheuk-Kay Sun 孫灼基 Shin Kong Wu Ho-Su Memorial Hospital 新光醫院
15:00-15:20	Discussion	All Speakers

## Gastroenterology Debrief 15:20~16:10

Moderator : Prof. Ping-Huei Tseng (曾屏輝)

Topic : Gastroenterology Debrief: DDW & WEO 2024

Speaker : Prof. Wei-Chen Tai (戴維震)

October 6, 2024

【Conference Room C, 萬享 E 廳】

09:00~11:50

**Prof. Juei-Low Sung's Research Foundation  
37th Annual Academic Meeting**

Time	Topic	Speaker	Moderator
09:00-09:05	Opening	Pei-Jer Chen 陳培哲	
09:05-09:10	Awards Ceremony	National Taiwan University College of Medicine 台大醫學院	
2024 Outstanding Research Article Award Presentation 優秀論文獎			
09:10-09:30	Standardize the Surgical Technique and Clarify the Oncologic Significance of Robotic D3-D4 Lymphadenectomy for Upper Rectum and Sigmoid Colon Cancer with Clinically More than N2 Lymph Node metastasis	Tzu-Chun Chen 陳姿君 National Taiwan University Cancer Center 台大醫院附設 癌醫中心醫院	Po-Huang Lee 李伯皇 National Taiwan University College of Medicine 台大醫學院
09:30-09:50	Endoscopic Variceal Ligation versus Propranolol for the Primary Prevention of Oesophageal Variceal Bleeding in Patients with Hepatocellular Carcinoma: An Open-Label, Two-Centre, Randomised Controlled Trial	Tsung-Chieh Yang 楊宗杰 Taipei Veterans General Hospital 臺北榮民總醫院	Han-Mo Chiu 邱瀚模 National Taiwan University Hospital 台大醫院
09:50-10:10	TYRO3: The Nuclear Weapon Driving Colorectal Cancer Progression	Pei-Ling Hsu 許佩玲 Kaohsiung Medical University 高雄醫學大學	Chau-Ting Yeh 葉昭廷 Chang Gung University School of Medicine 長庚大學醫學院
10:10-10:30	Photo Time / Coffee Break		

Oct. 6

Program



Time	Topic	Speaker	Moderator
SPECIAL LECTURE			
10:30-11:10	The Microbiome Revolution: State of the Art and Future Outlook	Emad M El-Omar UNSW Medicine & Health St George & Sutherland Clinical Campuses	Ming-Shiang Wu 吳明賢 National Taiwan University College of Medicine 台大醫學院
11:10-11:50	Immunology of the Human Liver	Hideki Ueno 上野英樹 Kyoto University 京都大學	Jia-Horng Kao 高嘉宏 National Taiwan University College of Medicine 台大醫學院

October 6, 2024

【Conference Room C, 萬享 E 廳】

## Global & Taiwanese Guideline 13:40~15:20

Time	Topic	Speaker
Moderators : Chun-Jen Liu 劉俊人 National Taiwan University Hospital 台大醫院 Wan-Long Chuang 莊萬龍 Kaohsiung Medical University Chung-Ho Memorial Hospital 高雄醫學大學附設中和紀念醫院		
13:40-14:20	Chronic Hepatitis B, C and D	Pin-Nan Cheng 鄭斌男 National Cheng Kung University Hospital 成大醫院
14:20-15:00	Fatty Liver and Metabolic Disorder	Jee-Fu Huang 黃志富 Kaohsiung Medical University Chung-Ho Memorial Hospital 高雄醫學大學附設中和紀念醫院
15:00-15:20	Discussion	All Speakers

## Global & Taiwanese Guideline 15:20~16:10

Moderator : Prof. Ming-Shiang Wu (吳明賢)

Topic : *Helicobacter pylori*

Speaker : Prof. Jyh-Ming Liou (劉志銘)



October 6 2024

【Conference Room D, 皇愉會議室 8-1】

## Symposium (9) 08:30~10:10

### Cutting-Edge Advances in Interventional Radiology for the Digestive System

Time	Topic	Speaker
Moderators : Pi-Yi Chang 張碧倚 Taichung Veterans General Hospital 臺中榮民總醫院 Po-Chin Liang 梁博欽 National Taiwan University Hospital 台大醫院		
08:30-08:50	Image Targeted Therapies and Minimally Invasive Techniques for Hepatocellular Carcinoma	Te-Cheng Su 蘇德晟 Taichung Veterans General Hospital 臺中榮民總醫院
08:50-09:10	HAIC Combines Immunotherapy for HCC Treatment	Jing-Wei Kang 康靜維 National Taiwan University Hospital 台大醫院
09:10-09:30	Advances in Embolization Techniques and Imaging Technologies for Gastrointestinal Bleeding	Chia-Ling Chiang 江佳陵 Kaohsiung Veterans General Hospital 高雄榮民總醫院
09:30-09:50	Innovative Interventions in Biliary Tract and Portal Vein Management	Hsuen-En Hwang 黃宣恩 Taipei Veterans General Hospital 臺北榮民總醫院
09:50-10:10	Role of Interventional Radiology in Pancreatic Cancer	Yi-Sheng Liu 劉益勝 National Cheng Kung University Hospital 成大醫院

Oct. 6

Program



October 6 2024

【Conference Room D, 皇愉會議室 8-1】

## Symposium (11) 10:20~12:00

### How Can We Improve the Standard of Care in IBD

Time	Topic	Speaker	Moderator
10:20-10:25	Opening Remarks	Ming-Yao Su 蘇銘堯 New Taipei Municipal TuCheng Hospital 新北市立土城醫院	
10:25-10:45	Opportunistic Infection in Inflammatory Bowel Disease: What You Need to Know	Chen-Wang Chang 章振旺 MacKay Memorial Hospital 馬偕紀念醫院	Ming-Yao Su 蘇銘堯 New Taipei Municipal TuCheng Hospital 新北市立土城醫院
10:45-11:05	Update on Acute Severe Ulcerative Colitis: From Pathophysiology to Latest Evidence of Medical Treatment	Chia-Hung Tu 涂佳宏 National Taiwan University Hospital 台大醫院	
11:05-11:25	Cutting Edge Endoscopic Treatment of IBD-Associated Dysplasia	Jeong-Sik Byeon Asan Medical Center, University of Ulsan College of Medicine, Korea	Kuan-Yang Chen 陳冠仰 Taipei City Hospital Yangming Branch 臺北市立聯合醫院陽明院區
11:25-11:45	Stricturing Crohn's Disease: Current Practice and Future Avenues	Tien-Yu Huang 黃天祐 Tri-Service General Hospital 三軍總醫院	
11:45-11:55	Discussion	All Speakers	
11:55-12:00	Closing Remarks	Kuan-Yang Chen 陳冠仰 Taipei City Hospital Yangming Branch 臺北市立聯合醫院陽明院區	



October 6 2024

【Conference Room D, 皇愉會議室 8-1】

## Global & Taiwanese Guideline 13:40~15:20

Time	Topic	Speaker
Moderators : Chao-Hung Kuo 郭昭宏 Kaohsiung Medical University Chung-Ho Memorial Hospital 高雄醫學大學附設中和紀念醫院 Yi-Hsiang Huang 黃怡翔 Taipei Veterans General Hospital 臺北榮民總醫院		
13:40-14:20	Practical Guideline for Evaluation and Management of Small Bowel Bleeding	Chia-Jung Kuo 郭家榮 Linkou Chang Gung Memorial Hospital 林口長庚紀念醫院
14:20-15:00	HCC	I-Cheng Lee 李懿成 Taipei Veterans General Hospital 臺北榮民總醫院
15:00-15:20	Discussion	All Speakers

## Global & Taiwanese Guideline 15:20~16:10

Moderator : Prof. Sheng-Nan Lu (盧勝男)

Topic : Pancreatic and Biliary Tract Cancers

Speaker : Prof. Li-Tzong Chen (陳立宗)

Oct. 6

Program



October 6, 2024

【Conference Room E, 皇愉會議室 8-2】

## Free Paper (7) – HCC 08:30~09:20

Moderators : Kuei-Chuan Lee (李癸洲) 、 Gi-Shih Lien (連吉時)

08:30-08:40 36. **HIGH SAFE SCORES STRATIFY RISKS OF HEPATOCELLULAR CARCINOMA IN PATIENTS WITH CHRONIC LIVER DISEASES REGARDLESS OF ETIOLOGIES**

Tung-Hung Su<sup>1</sup>, Sheng-Shun Yang<sup>2</sup>, Wei-Yu Kao<sup>3</sup>, Shang-Chin Huang<sup>4</sup>,  
Fen-Fang Chen<sup>1</sup>, Francis SK Poon<sup>2</sup>, Lung-Wen Tsai<sup>3</sup>, Che Lin<sup>5</sup>, Weichung Wang<sup>6</sup>,  
Jia-Horng Kao<sup>1</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

<sup>2</sup>Division of Gastroenterology & Hepatology, Department of Internal Medicine, Taichung Veterans General Hospital, Taichung, Taiwan

<sup>3</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Taipei Medical University Hospital, Taipei, Taiwan

<sup>4</sup>Department of Internal Medicine, National Taiwan University Hospital Bei-Hu Branch, Taipei, Taiwan

<sup>5</sup>Department of Electrical Engineering & Graduate Institute of Communication, National Taiwan University, Taipei, Taiwan

<sup>6</sup>Institute of Applied Mathematical Sciences, National Taiwan University, Taipei, Taiwan

### 高 SAFE 分數可區別各種原因慢性肝病患者的肝癌風險

蘇東弘<sup>1</sup> 楊勝舜<sup>2</sup> 高偉育<sup>3</sup> 黃上秦<sup>4</sup> 陳芬芳<sup>1</sup> 潘錫光<sup>2</sup> 蔡龍文<sup>3</sup> 林澤<sup>5</sup> 王偉仲<sup>6</sup> 高嘉宏<sup>1</sup>

<sup>1</sup> 台大醫院胃腸肝膽科

<sup>2</sup> 臺中榮民總醫院胃腸肝膽科

<sup>3</sup> 臺北醫學大學附設醫院胃腸肝膽科

<sup>4</sup> 台大醫院北護分院內科部

<sup>5</sup> 國立臺灣大學電機系及電信所

<sup>6</sup> 國立臺灣大學應用數學所

08:40-08:50 37. **TUMOR-INTRINSIC IFN  $\alpha$  AND CXCL10 ARE CRITICAL FOR IMMUNOTHERAPEUTIC EFFICACY BY RECRUITING AND ACTIVATING T LYMPHOCYTES IN TUMOR MICROENVIRONMENT**

Chun-Chia Cheng<sup>1,2</sup>, Jungshan Chang<sup>3</sup>, Ai-Sheng Ho<sup>4</sup>, Zong-Lin Sie<sup>2</sup>,  
Cheng-Liang Peng<sup>5</sup>, ChihLiang Wang<sup>6</sup>, Kapil Dev<sup>2</sup>, Chun-Chao Chang<sup>1</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Taipei Medical University Hospital, Taipei, Taiwan

<sup>2</sup>Research Center of Radiation Medicine, Chang Gung University, Taoyuan, Taiwan

<sup>3</sup>Graduate Institute of Medical Sciences, School of Medicine, College of Medicine, Taipei Medical University, Taipei, Taiwan

<sup>4</sup>Division of Gastroenterology, Cheng Hsin General Hospital, Taipei, Taiwan

<sup>5</sup>Department of isotope application research, National Atomic Research Institute, Taoyuan, Taiwan

<sup>6</sup>Division of Pulmonary Oncology and Interventional Bronchoscopy, Department of Thoracic Medicine, Chang Gung Memorial Hospital, Linkou, Taoyuan, Taiwan

**腫瘤表現內生性 IFN  $\alpha$  及 CXCL10 可聚集及活化腫瘤微環境的 T 細胞並對免疫治療療效具關鍵因素**

程俊嘉<sup>1,2</sup> 張榮善<sup>3</sup> 何愛生<sup>4</sup> 謝宗霖<sup>2</sup> 彭正良<sup>5</sup> 王智亮<sup>6</sup> Kapil Dev<sup>2</sup> 張君照<sup>1</sup>

<sup>1</sup>臺北醫學大學附設醫院消化內科

<sup>2</sup>長庚大學放射醫學研究中心

<sup>3</sup>臺北醫學大學醫學科學研究所

<sup>4</sup>振興醫院胃腸肝膽科

<sup>5</sup>國家原子能科學研究院同位素所

<sup>6</sup>林口長庚紀念醫院肺腫瘤及內視鏡科

08:50-09:00 38. **IMMUNE-RELATED LIVER INJURY IS A GOOD PROGNOSTIC FACTOR IN PATIENTS WITH HEPATOCELLULAR CARCINOMA UNDER ATEZOLIZUMAB PLUS BEVACIZUMAB THERAPY**

Tai-Chi Wu<sup>1</sup>, Wei Teng<sup>1,2,3</sup>, Po-Ting Lin<sup>1,2</sup>, Yi-Liang Shen<sup>5</sup>, Chung-Wei Su<sup>1,2</sup>, Yi-Chung Hsieh<sup>1,2</sup>, Wei-Ting Chen<sup>1,2</sup>, Tsung-Han Wu<sup>2,4</sup>, Chen-Chun Lin<sup>1,2</sup>, Chun-Yen Lin<sup>1,2</sup>, Shi-Ming Lin<sup>1,2</sup>

<sup>1</sup>Department of Gastroenterology and Hepatology, Chang Gung Memorial Hospital, Linkou Medical Center, Taoyuan, Taiwan

<sup>2</sup>College of Medicine, Chang Gung University, Taoyuan, Taiwan

<sup>3</sup>Liver Research Unit, Chang Gung Memorial Hospital, Linkou Medical Center, Taoyuan, Taiwan

<sup>4</sup>Department of Surgery, Chang Gung Memorial Hospital, Linkou Medical Center, Taoyuan, Taiwan

<sup>5</sup>Department of Radiation Oncology, Chang Gung Memorial Hospital and Chang Gung University, Taoyuan, Taiwan

**免疫相關肝臟損傷在接受癌自癒合併癌患停治療的肝細胞癌患者中是一個良好的預後因子**

吳泰鎰<sup>1</sup> 滕威<sup>1,2,3</sup> 林伯庭<sup>1,2</sup> 沈奕良<sup>5</sup> 蘇崇維<sup>1,2</sup> 謝彞中<sup>1,2</sup> 陳威廷<sup>1,2</sup> 吳宗翰<sup>2,4</sup> 林成俊<sup>1,2</sup>  
林俊彥<sup>1,2</sup> 林錫銘<sup>1,2</sup>

<sup>1</sup> 林口長庚紀念醫院胃腸肝膽科系

<sup>2</sup> 長庚大學醫學系

<sup>3</sup> 林口長庚紀念醫院肝臟研究中心

<sup>4</sup> 林口長庚紀念醫院一般外科系

<sup>5</sup> 林口長庚紀念醫院放射腫瘤科

09:00-09:10 39. **A SINGLE NUCLEOTIDE POLYMORPHISM GALNT14 RS6752303 AS AN EFFECTIVE PREDICTOR OF THERAPEUTIC SIDE EFFECTS AND SURVIVAL AFTER IMMUNE CHECKPOINT INHIBITORS THERAPY IN PATIENTS WITH HEPATOCELLULAR CARCINOMA**

Po-Ting Lin<sup>1</sup>, Wei Teng<sup>1</sup>, Wei-Ting Chen<sup>1</sup>, Yu-De Chu<sup>2</sup>, Chung-Wei Su<sup>1</sup>, Yi-Chung Hsieh<sup>1</sup>, Chen-Chun Lin<sup>1</sup>, Yung-Chang Lin<sup>3</sup>, Chun-Yen Lin<sup>1</sup>, Chau-Ting Yeh<sup>1</sup>, Shi-Ming Lin<sup>1</sup>

<sup>1</sup>Department of Gastroenterology and Hepatology, Chang Gung Memorial Hospital, Linkou Branch, Taoyuan, Taiwan

<sup>2</sup>Liver Research Center, Chang Gung Memorial Hospital, Linkou Branch, Taoyuan, Taiwan

<sup>3</sup>Department of Hematology-Oncology, Chang Gung Memorial Hospital, Linkou Branch, Taoyuan, Taiwan

**單核苷酸多態性 GALNT14 rs6752303 作為在肝細胞癌患者接受免疫檢查點抑制劑治療後預測治療副作用和存活率的有效指標**

林伯庭<sup>1</sup> 滕威<sup>1</sup> 陳威廷<sup>1</sup> 朱育德<sup>2</sup> 蘇崇維<sup>1</sup> 謝彞中<sup>1</sup> 林成俊<sup>1</sup> 林永昌<sup>3</sup> 林俊彥<sup>1</sup> 葉昭廷<sup>1</sup> 林錫銘<sup>1</sup>

<sup>1</sup> 林口長庚紀念醫院胃腸肝膽科

<sup>2</sup> 林口長庚紀念醫院肝臟研究中心

<sup>3</sup> 林口長庚紀念醫院血液腫瘤科

## 09:10-09:20 40. THE GAAD SCORE PREDICTS HCC IN HBV-RELATED CIRRHOSIS PATIENTS AFTER 6-YEAR ANTIVIRAL THERAPY

Hung-Ning Tung<sup>1</sup>, Tung-Hung Su<sup>1</sup>, Chun-Che Lin<sup>2</sup>, Chia-Chi Wang<sup>3</sup>, Wan-Long Chuang<sup>4</sup>, Cheng-Yuan Peng<sup>5</sup>, Wei-Wen Su<sup>6</sup>, Sheng-Shun Yang<sup>7</sup>, Chih-Lin Lin<sup>8</sup>, Kuo-Chih Tseng<sup>9</sup>, Shih-Jer Hsu<sup>1</sup>, Fat-Moon Suk<sup>10</sup>, Tsung-Ming Chen<sup>11</sup>, Ming-Jong Bair<sup>12</sup>, Cheng-Kuan Lin<sup>13</sup>, Yao-Chun Hsu<sup>14</sup>, Tai-Chung Tseng<sup>1</sup>, Jia-Hong Kao<sup>1</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan; <sup>2</sup>Division of Gastroenterology, Department of Internal Medicine, Chung Shan Medical University Hospital, Taichung, Taiwan; <sup>3</sup>Division of Gastroenterology, Department of Internal Medicine, Taipei Tzuchi Hospital, the Buddhist Tzuchi Medical Foundation, Taipei, Taiwan; <sup>4</sup>Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan; <sup>5</sup>Division of Hepatogastroenterology, Department of Internal Medicine, China Medical University Hospital, Taichung, Taiwan; <sup>6</sup>Department of Gastroenterology and Hepatology, Changhua Christian Hospital, Changhua, Taiwan; <sup>7</sup>Division of Gastroenterology, Department of Internal Medicine, Taichung Veterans General Hospital, Taichung, Taiwan; <sup>8</sup>Department of Gastroenterology, Ren-Ai Branch, Taipei City Hospital, Taipei, Taiwan; <sup>9</sup>Department of Hepatology, Buddhist Tzu Chi General Hospital, Da-Lin Branch, Chiayi, Taiwan; <sup>10</sup>Division of Gastroenterology, Department of Internal Medicine, Wan Fang Hospital, Taipei Medical University, Taipei, Taiwan; <sup>11</sup>Division of Hepato-Gastroenterology, Department of Internal Medicine, and Department of Medical Research, Tungs' Taichung MetroHarbor Hospital, Taichung, Taiwan; <sup>12</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Mackay Memorial Hospital, Taitung, Taiwan; <sup>13</sup>Department of Internal Medicine, Far Eastern Memorial Hospital, Taipei, Taiwan; <sup>14</sup>Division of Gastroenterology and Hepatology, E-Da Hospital, Kaohsiung, Taiwan

### 使用 GAAD 評分預測 B 型肝炎肝硬化患者抗病毒治療 6 年後的肝細胞癌發生率

董鴻蜜<sup>1</sup> 蘇東弘<sup>1</sup> 林俊哲<sup>2</sup> 王嘉齊<sup>3</sup> 莊萬龍<sup>4</sup> 彭成元<sup>5</sup> 蘇維文<sup>6</sup> 楊勝舜<sup>7</sup> 林志陵<sup>8</sup> 曾國枝<sup>9</sup>  
徐士哲<sup>1</sup> 葉發滿<sup>10</sup> 陳宗勉<sup>11</sup> 白明忠<sup>12</sup> 林政寬<sup>13</sup> 許耀峻<sup>14</sup> 曾岱宗<sup>1</sup> 高嘉宏<sup>1</sup>

<sup>1</sup> 國立臺灣大學醫學院附設醫院胃腸肝膽科 ; <sup>2</sup> 中山醫學大學附設醫院肝膽腸胃科 ; <sup>3</sup> 台北慈濟醫院胃腸肝膽科 ; <sup>4</sup> 高雄醫學大學附設中和紀念醫院內科部 ; <sup>5</sup> 中國醫藥大學附設醫院腸胃肝膽科 ; <sup>6</sup> 彰化基督教醫院胃腸肝膽科 ; <sup>7</sup> 臺中榮民總醫院胃腸肝膽科 ; <sup>8</sup> 臺北市立聯合醫院仁愛院區消化內科 ; <sup>9</sup> 佛教慈濟醫療財團法人大林慈濟醫院腸胃內科 ; <sup>10</sup> 臺北市立萬芳醫院一委託財團法人臺北醫學大學辦理消化內科 ; <sup>11</sup> 董綜合醫院胃腸肝膽科暨醫學研究部 ; <sup>12</sup> 台東馬偕紀念醫院胃腸肝膽科 ; <sup>13</sup> 亞東紀念醫院內科部 ; <sup>14</sup> 義大醫院胃腸肝膽科

October 6, 2024

【Conference Room E, 皇愉會議室 8-2】

## Free Paper (8) – LGI 09:20~10:10

Moderators : Horng-Yuan Wang (王鴻源) 、 Chia-Long Lee (李嘉龍)

09:20-09:30 41. **ENHANCING A COMPUTER-ASSISTED POLYP DETECTION AND CLASSIFICATION SYSTEM BY INTEGRATING THE YOLOV7 OBJECT DETECTION ALGORITHM WITH HISTOGRAM EQUALIZATION AND MOSAIC DATA AUGMENTATION**

Meng-Yun Shih<sup>1</sup>, Chia-Pei Tang<sup>2,3</sup>, Hong-Yi Chang<sup>4</sup>, Wei-Xuan Hu<sup>4</sup>, Chia-Hsin Cheng<sup>5</sup>

<sup>1</sup>Department of Internal Medicine, Dalin Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Chiayi, Taiwan

<sup>2</sup>Division of Gastroenterology, Department of Internal Medicine, Dalin Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Chiayi, Taiwan

<sup>3</sup>School of Medicine, Tzu Chi University, Hualien City, Taiwan

<sup>4</sup>Department of Management Information Systems, National Chiayi University, Chiayi, Taiwan

<sup>5</sup>Department of Medical Research, Dalin Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Chiayi, Taiwan

通過整合 YOLOv7 物件偵測演算法與直方圖均衡化及馬賽克數據增強技術以增強電腦輔助息肉偵測與分類系統

施孟芸<sup>1</sup> 唐家沛<sup>2,3</sup> 張宏義<sup>4</sup> 胡維瑄<sup>4</sup> 鄭佳欣<sup>5</sup>

<sup>1</sup> 大林慈濟醫院內科部

<sup>2</sup> 大林慈濟醫院肝膽腸胃內科

<sup>3</sup> 慈濟大學醫學院

<sup>4</sup> 國立嘉義大學資訊管理學系

<sup>5</sup> 大林慈濟醫院研究部

09:30-09:40 42. **SYSTEMATIC REVIEW ON MOLECULAR FEATURES OF POST-COLONOSCOPY COLORECTAL CANCER: MORE SERRATED THAN SPORADIC**

Jen-Hao Yeh<sup>1</sup>, Wen-Shuo Yeh<sup>1</sup>, Po-Jen Hsiao<sup>1</sup>, Kuo-Tung Hung<sup>1</sup>, Chuan-Pin Lin<sup>1</sup>, Tzu-Ning Tseng<sup>1</sup>, Jaw-Yuan Wang<sup>2</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, E-DA DaChang Hospital/I-Shou University, Kaohsiung, Taiwan

<sup>2</sup>Division of Colorectal Surgery, Department of Surgery, Kaohsiung Medical University Chung-Ho Memorial Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan

**鋸齒樣癌變之分子特徵於腸鏡後間隔癌更為常見：系統回顧研究**

葉人豪<sup>1</sup> 葉文碩<sup>1</sup> 蕭博仁<sup>1</sup> 洪國棟<sup>1</sup> 林詮斌<sup>1</sup> 曾子寧<sup>1</sup> 王照元<sup>2</sup>

<sup>1</sup> 義大大昌醫院胃腸肝膽科

<sup>2</sup> 高雄醫學大學附設中和紀念醫院大腸直腸外科

09:40-09:50 43. **THE REAL-WORLD OUTCOME AFTER FAILURE OF VEDOLIZUMAB FOR MODERATE TO SEVERE INFLAMMATORY BOWEL DISEASE IN TAIWAN**

Yao-Wei Kuo<sup>1,2</sup>, Chia-Jung Kuo<sup>1,2,3</sup>, Puo-Hsien Le<sup>1,2,3</sup>, Cheng-Yu Lin<sup>1,2</sup>, Ming-Yao Su<sup>1,2,4</sup>, Cheng-Tang Chiu<sup>1,2,3</sup>

<sup>1</sup>Department of Gastroenterology and Hepatology, Chang Gung Memorial Hospital, Linkou, Taoyuan, Taiwan

<sup>2</sup>College of Medicine, Chang Gung University, Taoyuan, Taiwan

<sup>3</sup>Chang Gung Microbiota Therapy Center, Taoyuan, Taiwan

<sup>4</sup>Department of Gastroenterology and Hepatology, New Taipei Municipal Tucheng Hospital, New Taipei City, Taiwan

**台灣中重度炎症性腸病患者使用 Vedolizumab 治療失敗後的預後結果**

郭曜瑋<sup>1,2</sup> 郭家榮<sup>1,2,3</sup> 李柏賢<sup>1,2,3</sup> 林正祐<sup>1,2</sup> 蘇銘堯<sup>1,2,4</sup> 邱正堂<sup>1,2,3</sup>

<sup>1</sup> 林口長庚紀念醫院胃腸肝膽科

<sup>2</sup> 長庚大學醫學院

<sup>3</sup> 長庚微菌治療中心

<sup>4</sup> 新北市立土城醫院

09:50-10:00 44. **COMPARISON OF THE ADENOMA DETECTION RATE IN SCREENING COLONOSCOPY WITH MUCOSAL EXPOSURE DEVICES AND A COMPUTER-AIDED DETECTION SYSTEM**

Chun-Wei Chen, Wey-Ran Lin, Chia-Jung Kuo, Wei-Pin Lin, Chen-Ming Hsu, Chun-Jung Lin, Cheng-Tang Chiu  
Department of Gastroenterology and Hepatogloy, Linkou Chang Gung Memorial Hospital, Taoyuan, Taiwan

比較黏膜暴露裝置及電腦輔助偵測系統在篩檢性大腸鏡的瘰肉偵測率

陳俊瑋 林蔚然 郭家榮 林偉彬 許振銘 林淳榮 邱正堂

林口長庚紀念醫院胃腸肝膽科

10:00-10:10 45. **CLINICOPATHOLOGICAL STUDY OF PRIMARY SMALL BOWEL ADENOCARCINOMA: THE EXPERIENCE IN A SINGLE INSTITUTION IN TAIWAN**

Po-Ju Huang<sup>1,3</sup>, Ken-Sheng Cheng<sup>1,2</sup>, Yi-Hua Wu<sup>1,3</sup>, Jen-Wei Chou<sup>1,2,3</sup>

<sup>1</sup>Center for Digestive Medicine, Department of Internal Medicine, China Medical University Hospital, China Medical University Hospital, Taichung, Taiwan

<sup>2</sup>School of Medicine, China Medical University, Taichung, Taiwan

<sup>3</sup>Taiwan Association for the Study of Small Intestinal Diseases (TASSID)

原發性小腸腺癌的臨床病理學研究：台灣單一機構的經驗

黃柏儷<sup>1,3</sup> 鄭庚申<sup>1,2</sup> 吳宜樺<sup>1,3</sup> 周仁偉<sup>1,2,3</sup>

<sup>1</sup> 中國醫藥大學附設醫院消化系

<sup>2</sup> 中國醫藥大學醫學院

<sup>3</sup> 台灣小腸醫學會

October 6, 2024

【Conference Room E, 皇愉會議室 8-2】

## Symposium (12) 10:20~12:00

### Cutting Edge Treatment for Liver Cancer

Time	Topic	Speaker
Moderators : Yi-Hsiang Huang 黃怡翔 Taipei Veterans General Hospital 臺北榮民總醫院 Chao-Hung Hung 洪肇宏 Kaohsiung Chang Gung Memorial Hospital 高雄長庚紀念醫院		
10:20-10:50	Management of HCC with High Tumor Burden	Sadahisa Ogasawara Chiba University Japan
10:50-11:00	Q&A	
11:00-11:25	Impact of Hepatitis B Virus DNA Integration on HCC Development and Treatment	Shiou-Hwei Yeh 葉秀慧 National Taiwan University Hospital 台大醫院
11:25-11:30	Q&A	
11:30-11:55	Can Immunotherapy Become the Standard of Care for Intermediate Stage HCC?	I-Cheng Lee 李懿成 Taipei Veterans General Hospital 臺北榮民總醫院
11:55-12:00	Q&A	

# Poster

## Liver

P.001 **CARDIO-METABOLIC RISKS AND CARDIOVASCULAR OUTCOMES POST-HCV ERADICATION: INSIGHTS FROM TAIWANESE COHORTS**

Pei-Chien Tsai, Chung-Feng Huang, Jee-Fu Huang, Ming-Lung Yu, T-ACR Study Group  
Division of Hepatobiliary, Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan

**C 肝根除後代謝相關因子與心血管疾病之相關：一個大型台灣世代研究**

蔡佩倩 黃鈞峰 黃志富 余明隆  
高雄醫學大學附設中和紀念醫院肝膽胰內科

P.002 **ESTABLISH THE PREDICTION MODEL OF CLINICAL RELAPSE AND HBSAG LOSS IN HBEAG-NEGATIVE PATIENTS WITHOUT CIRRHOSIS WHO DISCONTINUED ENTECAVIR OR TENOFOVIR THERAPY**

Chien-Hung Chen, Kwong-Ming Kee, Jing-Houng Wang, Tsung-Hui Hu, Chao-Hung Hung, Sheng-Nan Lu  
Division of Hepato-Gastroenterology, Department of Internal Medicine, Kaohsiung Chang Gung Memorial Hospital and Chang Gung University College of Medicine, Kaohsiung, Taiwan

**建立 B 型肝炎 e 抗原陰性無肝硬化患者在貝樂克或惠立妥停藥後發生臨床復發及 B 型肝炎表面抗原消失的預測模式**

陳建宏 紀廣明 王景弘 胡琮輝 洪肇宏 盧勝男  
長庚醫療財團法人高雄長庚紀念醫院胃腸肝膽科系暨長庚大學醫學系

P.003 **SIGNIFICANT PREDICTORS OF CLINICAL OUTCOMES IN METABOLIC ASSOCIATED FATTY LIVER DISEASE-RELATED HEPATOCELLULAR CARCINOMA FOLLOWING HEPATECTOMY**

Chih-Wen Lin<sup>1,2</sup>, Yu-Wei Huang<sup>2,3,4</sup>, Wen-Lung Wang<sup>1,2</sup>, Po-Jen Hsiao<sup>5</sup>, Szu-Ying Chen<sup>2,3,4,6</sup>, Pei-Min Hsieh<sup>2,7,8</sup>, Yaw-Sen Chen<sup>2</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Medicine, E-Da Hospital, I-Shou University, Kaohsiung, Taiwan

<sup>2</sup>School of Medicine, College of Medicine, I-Shou University, Kaohsiung, Taiwan

<sup>3</sup>Division of Surgical Intensive Care, Department of Critical Care Medicine, E-Da Hospital, I-Shou University, Kaohsiung, Taiwan

<sup>4</sup>Department of Nursing, Fooyin University, Kaohsiung, Taiwan

<sup>5</sup>Division of Gastroenterology and Hepatology, E-Da Dachang Hospital, I-Shou University, Kaohsiung, Taiwan

<sup>6</sup>Division of Occupational Medicine, E-Da Hospital, I-Shou University, Kaohsiung, Taiwan

<sup>7</sup>Department of Surgery, E-Da Hospital, I-Shou University, Kaohsiung, Taiwan

<sup>8</sup>Department of Surgery, E-Da Dachang Hospital, I-Shou University, Kaohsiung, Taiwan

代謝性脂肪肝引起的肝癌經肝切除術後的臨床結果的重要預測因素

林志文<sup>1,2</sup> 黃煜為<sup>2,3,4</sup> 王文瑜<sup>1,2</sup> 蕭博仁<sup>5</sup> 陳思穎<sup>2,3,4,6</sup> 謝沛民<sup>2,7,8</sup> 陳耀森<sup>2</sup>

<sup>1</sup> 義大醫院胃腸肝膽科

<sup>2</sup> 義守大學醫學系

<sup>3</sup> 義大醫院外科加護病房及急重症部

<sup>4</sup> 輔英大學護理部

<sup>5</sup> 義大大昌醫院胃腸肝膽科

<sup>6</sup> 義大醫院職業醫學科

<sup>7</sup> 義大醫院一般外科

<sup>8</sup> 義大大昌醫院一般外科

P.004 **THE IMPACT OF BACTEROIDES OVATUS IN THE GUT ON FATTY LIVER IN DIET-INDUCED OBESE MICE AND CHILDREN WITH OBESITY**

Yu-Cheng Lin<sup>1</sup>, Chun-Liang Chen<sup>1</sup>, Hsueh-Fang Lin<sup>1</sup>, Yen-Hsuan Ni<sup>2</sup>

<sup>1</sup>Division of Pediatric Gastroenterology, Department of Pediatrics, Taipei Veterans General Hospital, Taipei, Taiwan

<sup>2</sup>Department of Pediatrics, National Taiwan University Hospital, Taipei, Taiwan

腸道中卵形擬桿菌對飲食誘導肥胖小鼠和肥胖兒童脂肪肝的影響

林裕誠<sup>1</sup> 陳俊良<sup>1</sup> 林雪芳<sup>1</sup> 倪衍玄<sup>2</sup>

<sup>1</sup> 臺北榮民總醫院兒童胃腸科

<sup>2</sup> 台大醫院小兒部

P.005 **TARGETING PPP1R15B AND ATF4 AXIS IN HEPATOCELLULAR CARCINOMA: A NOVEL STRATEGY FOR OVERCOMING LENVATINIB-TOLERANT PERSISTENT CELLS THROUGH GPX4-MEDIATED FERROPTOSIS INDUCTION**

Ming-Yao Chen<sup>1,2</sup>, Vijesh Kumar Yadav<sup>1,2</sup>, Chi-Tai Yeh<sup>3,4</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, School of Medicine, College of Medicine, Taipei Medical University, Taipei, Taiwan

<sup>2</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Shuang Ho Hospital, New Taipei City, Taiwan

<sup>3</sup>Department of Medical Research, Shuang Ho Hospital, New Taipei City, Taiwan

<sup>4</sup>Continuing Education Program of Food Biotechnology Applications, College of Science and Engineering, National Taitung University, Taitung, Taiwan

靶向 **PPP1R15B** 和 **ATF4** 軸在肝細胞癌中的應用：通過 **GPX4** 介導的鐵死亡誘導克服樂衛瑪引發之頑固型耐藥肝癌的治療策略

陳明堯<sup>1,2</sup> 魏吉世<sup>1,2</sup> 葉淇臺<sup>3,4</sup>

<sup>1</sup> 臺北醫學大學醫學系消化內科

<sup>2</sup> 衛生福利部雙和醫院消化內科

<sup>3</sup> 衛生福利部雙和醫院研究部

<sup>4</sup> 國立臺東大學食品生物技術應用二年制在職學位學程

**P.006 HIGHER LEVEL OF HEPATITIS B SURFACE ANTIGEN ASSOCIATED WITH DELAYED DEVELOPMENT OF HEPATOCELLULAR CARCINOMA IN IMMUNE-TOLERANT PATIENTS**

Tai-Chung Tseng<sup>1,2,3</sup>, Chun-Jen Liu<sup>1,2</sup>, Chien-Jen Chen<sup>4</sup>, Tung-Hung Su<sup>1,2</sup>, Wan-Ting Yang<sup>2</sup>, Hung-Chih Yang<sup>1,5,6</sup>, Chen-Hua Liu<sup>1,2</sup>, Pei-Jer Chen<sup>1,2,3,5,6</sup>, Hwai-I Yang<sup>4,7,8,9,10</sup>, Jia-Horng Kao<sup>1,2,3,4</sup>

<sup>1</sup>Division of Gastroenterology, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan; <sup>2</sup>Hepatitis Research Center, National Taiwan University Hospital, Taipei, Taiwan; <sup>3</sup>Department of Medical Research, National Taiwan University Hospital, Taipei, Taiwan; <sup>4</sup>Genomics Research Center, Academia Sinica, Taipei, Taiwan; <sup>5</sup>Graduate Institute of Clinical Medicine, National Taiwan University College of Medicine, Taipei, Taiwan; <sup>6</sup>Department of Microbiology, National Taiwan University College of Medicine, Taipei, Taiwan; <sup>7</sup>Institute of Clinical Medicine, National Yang-Ming Chiao Tung University, Taipei, Taiwan; <sup>8</sup>Graduate Institute of Medicine, College of Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan; <sup>9</sup>Biomedical Translation Research Center, Academia Sinica, Taipei, Taiwan; <sup>10</sup>Doctoral Program of Clinical and Experimental Medicine, National Sun Yat-Sen University, Kaohsiung, Taiwan

對於免疫耐受期之慢性 B 型肝炎患者，較高 B 型肝炎表面抗原濃度與肝癌的延遲發生有關

曾岱宗<sup>1,2,3</sup> 劉俊人<sup>1,2</sup> 陳建仁<sup>4</sup> 蘇東弘<sup>1,2</sup> 楊菀婷<sup>2</sup> 楊宏志<sup>1,5,6</sup> 劉振驊<sup>1,2</sup> 陳培哲<sup>1,2,3,5,6</sup> 楊懷壹<sup>4,7,8,9,10</sup>  
高嘉宏<sup>1,2,3,4</sup>

<sup>1</sup> 台大醫院胃腸肝膽科 ; <sup>2</sup> 台大醫院肝炎研究中心 ; <sup>3</sup> 台大醫院醫學研究部 ; <sup>4</sup> 中央研究院基因體研究中心 ; <sup>5</sup> 台大醫學院臨床醫學研究所 ; <sup>6</sup> 台大醫學院微生物學系 ; <sup>7</sup> 國立陽明交通大學臨床醫學研究所 ; <sup>8</sup> 高雄醫學大學醫學研究所 ; <sup>9</sup> 中央研究院生醫轉譯研究中心 ; <sup>10</sup> 國立中山大學臨床醫學科學博士學位學程

**P.007 UNLOCKING THE POWER OF GENERATIVE ARTIFICIAL INTELLIGENCE: TRANSFORMING LIVER LESION DIAGNOSIS IN CT SCANS**

Pushpanjali Gupta<sup>1,2,3</sup>, Chun-Ying Wu<sup>1,2,3,4,5</sup>, Che-Lun Hung<sup>2,3</sup>, Yao-Chun Hsu<sup>6,7</sup>, Yuan-Chia Chu<sup>8,9</sup>, Chia-Sheng Chu<sup>10,11</sup>, Teng-Yu Lee<sup>12,13</sup>, Sulagna Mohapatra<sup>2,13</sup>

<sup>1</sup>Institute of Biomedical Informatics, National Yang Ming Chiao Tung University, Taipei, Taiwan; <sup>2</sup>Health Innovation Center, National Yang Ming Chiao Tung University, Taipei, Taiwan; <sup>3</sup>Institute of Public Health, National Yang Ming Chiao Tung University, Taipei, Taiwan; <sup>4</sup>Division of Translational Research, Taipei Veterans General Hospital, Taipei, Taiwan; <sup>5</sup>Department of Public Health, China Medical University, Taichung, Taiwan; <sup>6</sup>Division of Gastroenterology and Hepatology, E-Da Hospital, Kaohsiung, Taiwan; <sup>7</sup>School of Medicine, I-Shou University, Kaohsiung, Taiwan; <sup>8</sup>Information Management Office & Big Data Center, Taipei Veterans General Hospital, Taipei, Taiwan; <sup>9</sup>Department of Information Management, National Taipei University of Nursing and Health Sciences, Taipei, Taiwan; <sup>10</sup>Division of Gastroenterology and Hepatology, Taipei City Hospital Yang Ming Branch, Taipei, Taiwan; <sup>11</sup>Program of Interdisciplinary Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan; <sup>12</sup>Division of Gastroenterology & Hepatology, Taichung Veterans General Hospital, Taichung, Taiwan; <sup>13</sup>School of Medicine, Chung Shan Medical University, Taichung, Taiwan

**P.008 FORECASTED CHANGES IN TUMOR CHARACTERISTICS AND SURVIVAL OF PATIENTS WITH NONVIRAL HEPATOCELLULAR CARCINOMA IN THE UNITED STATES: A MODELING STUDY BASED ON THE SEER-MEDICARE DATABASE**

Joanne Kimiko Liu<sup>1</sup>, Nicholas Chien<sup>1</sup>, Curtis Chong<sup>2</sup>, Scott Barnett<sup>1</sup>, Ramsey Cheung<sup>1,4</sup>, Mindie H. Nguyen<sup>1,4,5</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Medicine, Stanford University Medical Center, Palo Alto, CA, USA

<sup>2</sup>Division of Oncology, Department of Medicine, Stanford University Medical Center, Palo Alto, CA, USA

<sup>3</sup>Division of Gastroenterology and Hepatology, Veterans Affairs Palo Alto Health Care System, Palo Alto, CA, USA

<sup>4</sup>Department of Epidemiology and Population Health, Stanford University Medical Center, Palo Alto, CA, USA

<sup>5</sup>Stanford Cancer Institute, Stanford University Medical Center, Palo Alto, CA, USA

**P.009 DIFFERENCE IN CLINICAL PATTERNS OF HEPATOCELLULAR CARCINOMA IN NONALCOHOLIC FATTY LIVER DISEASE BETWEEN PATIENTS WITH AND WITHOUT CIRRHOSIS**

Wei-Kang Tu, Tsung-Jung Lin

Department of Gastroenterology, Ren-Ai Branch, Taipei City Hospital, Taipei, Taiwan

有肝硬化和沒有肝硬化之非酒精性脂肪肝肝癌的臨床差異

杜維剛 林聰蓉

臺北市立聯合醫院仁愛院區消化內科

**P.010 HEPATITIS B SURFACE ANTIGEN LOSS IN CHRONIC HEPATITIS B PATIENTS WITH LOW-VIRAL-LOAD**

Tyng-Yuan Jang, Chia-Yen Dai

Hepatobiliary Division, Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan

**B 型肝炎低病毒量病人表面抗原消失**

張庭遠 戴嘉言

高雄醫學大學附設中和紀念醫院肝膽胰內科

**P.011 ROLE OF AIR POLLUTION IN DEVELOPMENT OF HEPATOCELLULAR CARCINOMA AMONG CHRONIC HEPATITIS B PATIENTS TREATED WITH NUCLEOTIDE/NUCLEOSIDE ANALOGUES**

Tyng-Yuan Jang<sup>1</sup>, Chia-Yen Dai<sup>1</sup>, Pau-Chung Chen<sup>2</sup>, Ming-Lung Yu<sup>1</sup>

<sup>1</sup>Division of Hepatobiliary, Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan

<sup>2</sup>Department of Public Health, National Taiwan University, Taipei, Taiwan

空氣污染在 B 型肝炎使用口服抗病毒用藥病人產生肝癌的影響

張庭遠<sup>1</sup> 戴嘉言<sup>1</sup> 陳保中<sup>2</sup> 余明隆<sup>1</sup>

<sup>1</sup>高雄醫學大學附設中和紀念醫院肝膽胰內科

<sup>2</sup>國立臺灣大學公共衛生學系

P.012 **THE CHANGING OF PERCUTANEOUS TUMOR ABLATION METHODS FOR HEPATOCELLULAR CARCINOMA IN A SINGLE MEDICAL CENTER**

Ying-Chi Chiang<sup>1</sup>, Ching-Wei Chang<sup>1,2,3</sup>, Chi-Yu Lee<sup>1</sup>, Ming-Jen Chen<sup>1,2,3</sup>, Chen-Wang Chang<sup>1,2,3</sup>

<sup>1</sup>Division of Gastroenterology, Department of Internal Medicine, MacKay Memorial Hospital, Taipei, Taiwan

<sup>2</sup>MacKay Junior College of Medicine, Nursing and Management, New Taipei City, Taiwan

<sup>3</sup>Department of Medicine, MacKay Medical College, New Taipei City, Taiwan

**肝癌患者接受經皮腫瘤治療在一家醫學中心之趨勢改變**

江英吉<sup>1</sup> 張經緯<sup>1,2,3</sup> 李騏宇<sup>1</sup> 陳銘仁<sup>1,2,3</sup> 章振旺<sup>1,2,3</sup>

<sup>1</sup>馬偕紀念醫院胃腸肝膽科

<sup>2</sup>馬偕醫護管理專科學校

<sup>3</sup>馬偕醫學院

P.013 **INNOVATIVE MEASURES TOWARDS ELIMINATION OF HEPATITIS C IN RURAL VILLAGES BY PREVALENCE-BASED SCREENING BY ANTI-HCV REFLEX HCV ANTIGEN TEST AND ACCESSIBLE POST-SCREENING CARE**

Kuan-Chen Pan<sup>1</sup>, Nien-Tzu Hsu<sup>2</sup>, Ying-Mei Tang<sup>3</sup>, Yu-Chen Lee<sup>4</sup>, Hsiu-Ling Kuo<sup>5</sup>,

Tung-Jung Huang<sup>6,7,8</sup>, Chun-Mei Tseng<sup>9</sup>, Sheng-Nan Lu<sup>8,10</sup>, Te-Sheng Chang<sup>1,3,8</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Chang Gung Memorial Hospital, Chiayi, Taiwan; <sup>2</sup>Biostatistics and Bioinformatics Center of Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, Taiwan; <sup>3</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Chang Gung Memorial Hospital, Yunlin, Taiwan; <sup>4</sup>Sihu Township Public Health Center, Yunlin County, Yunlin, Taiwan; <sup>5</sup>Beigang Township Public Health Center, Yunlin County, Yunlin, Taiwan; <sup>6</sup>Division of Pulmonary Disease, Department of Internal Medicine, Chang Gung Memorial Hospital, Yunlin, Taiwan; <sup>7</sup>Department of Respiratory Care, Chang Gung University of Science and Technology, Chiayi Branch, Chiayi, Taiwan; <sup>8</sup>College of Medicine, Chang Gung University, Taoyuan, Taiwan; <sup>9</sup>Public Health Bureau, Yunlin County, Yunlin, Taiwan; <sup>10</sup>Division of Hepato-Gastroenterology, Department of Internal Medicine, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, Taiwan

**基於盛行率的篩檢與 Anti-HCV 與 HCV 抗原檢測和可及的篩檢後照護，消除農村 C 型肝炎的措施**

潘冠塵<sup>1</sup> 徐念慈<sup>2</sup> 唐英梅<sup>3</sup> 李育真<sup>4</sup> 郭秀玲<sup>5</sup> 黃東榮<sup>6,7,8</sup> 曾春美<sup>9</sup> 盧勝男<sup>8,10</sup> 張德生<sup>1,3,8</sup>

<sup>1</sup>嘉義長庚紀念醫院胃腸肝膽科 ; <sup>2</sup>高雄長庚紀念醫院生物統計中心 ; <sup>3</sup>雲林長庚紀念醫院胃腸肝膽科 ; <sup>4</sup>四湖鄉衛生所 ; <sup>5</sup>北港鎮衛生所 ; <sup>6</sup>雲林長庚紀念醫院胸腔科 ; <sup>7</sup>嘉義長庚紀念醫院呼吸照護中心 ; <sup>8</sup>長庚大學醫學院 ; <sup>9</sup>雲林縣衛生局 ; <sup>10</sup>高雄長庚紀念醫院胃腸肝膽科

P.014 **THE INFLUENCE OF LIVER RESECTION FOR ADVANCED RECURRENT HEPATOCELLULAR CARCINOMA TREATED WITH MULTI-TARGETED AGENTS**

Guan-Hua Li<sup>1</sup>, Pi-Teh Huang<sup>1</sup>, Kuan-Chun Hsueh<sup>2,3</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Tung's Taichung MetroHarbor Hospital, Taichung, Taiwan

<sup>2</sup>Division of General Surgery, Department of Surgery, Tung's Taichung MetroHarbor Hospital, Taichung, Taiwan

<sup>3</sup>Department of Post-Baccalaureate Medicine, College of Medicine, National Chung Hsing University, Taichung, Taiwan

## 肝臟切除對於使用標靶治療的復發晚期肝癌患者的影響

李冠華<sup>1</sup> 黃彼得<sup>1</sup> 薛冠群<sup>2,3</sup>

<sup>1</sup> 童綜合醫院胃腸肝膽科

<sup>2</sup> 童綜合醫院一般外科

<sup>3</sup> 國立中興大學學士後醫學系

## P.015 RISK FACTORS OF ADVANCED FIBROSIS IN HISTOLOGY-PROVEN STEATOTIC LIVER DISEASE

Chen-Te Huang<sup>1</sup>, Shang-Chin Huang<sup>1,2,3,4</sup>, Chia-Lin Kang<sup>1</sup>, Tan Sia Wang<sup>1</sup>, Hau-Jyun Su<sup>5</sup>, Tung-Hung Su<sup>1,2</sup>, Tai-Chung Tseng<sup>2,6</sup>, Shih-Jer Hsu<sup>1,2</sup>, Chun-Ming Hong<sup>7</sup>, Chen-Hua Liu<sup>1,2</sup>, Hung-Chih Yang<sup>1,2</sup>, Pei-Jer Chen<sup>1,2,3</sup>, Jia-Horng Kao<sup>1,2,3</sup>, Chun-Jen Liu<sup>1,2,3</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

<sup>2</sup>Hepatitis Research Center, National Taiwan University Hospital, Taipei, Taiwan

<sup>3</sup>Graduate Institute of Clinical Medicine, National Taiwan University College of Medicine, Taipei, Taiwan

<sup>4</sup>Department of Internal Medicine, National Taiwan University Hospital Bei-Hu Branch, Taipei, Taiwan

<sup>5</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Chung Shan Medical University Hospital, Taichung, Taiwan

<sup>6</sup>Department of Medical Research, National Taiwan University Hospital, Taipei, Taiwan

<sup>7</sup>Division of Hospital Medicine, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

## 病理證實之脂肪肝病中嚴重纖維化的臨床風險因子

黃禎德<sup>1</sup> 黃上秦<sup>1,2,3,4</sup> 康家綾<sup>1</sup> 陳聲旺<sup>1</sup> 蘇浩俊<sup>5</sup> 蘇東弘<sup>1,2</sup> 曾岱宗<sup>2,6</sup> 徐士哲<sup>1,2</sup> 洪俊銘<sup>7</sup> 劉振驊<sup>1,2</sup> 楊宏志<sup>1,2</sup> 陳培哲<sup>1,2,3</sup> 高嘉宏<sup>1,2,3</sup> 劉俊人<sup>1,2,3</sup>

<sup>1</sup> 國立臺灣大學醫學院附設醫院胃腸肝膽科

<sup>2</sup> 國立臺灣大學醫學院附設醫院肝炎研究中心

<sup>3</sup> 國立臺灣大學醫學院臨床醫學研究所

<sup>4</sup> 國立臺灣大學醫學院附設醫院北護分院胃腸肝膽內科

<sup>5</sup> 中山醫學大學附設醫院肝膽腸胃科

<sup>6</sup> 國立臺灣大學醫學院附設醫院醫學研究部

<sup>7</sup> 國立臺灣大學醫學院附設醫院整合醫學科

## P.016 THE IMPACTS OF MAFLD VERSUS MASLD ON LONG-TERM SURVIVAL OF CHRONIC HEPATITIS B PATIENTS

Shang-Chin Huang<sup>1,2,3,4</sup>, Tung-Hung Su<sup>1,2</sup>, Tai-Chung Tseng<sup>2,5</sup>, Shih-Jer Hsu<sup>1,2</sup>, Chun-Ming Hong<sup>6</sup>, Ting-Yuan Lan<sup>7</sup>, Chen-Hua Liu<sup>1,2</sup>, Hung-Chih Yang<sup>1,2</sup>, Chun-Jen Liu<sup>1,2,3</sup>, Pei-Jer Chen<sup>1,2,3,5</sup>, Jia-Horng Kao<sup>1,2,3</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

<sup>2</sup>Hepatitis Research Center, National Taiwan University Hospital, Taipei, Taiwan

<sup>3</sup>Graduate Institute of Clinical Medicine, National Taiwan University College of Medicine, Taipei, Taiwan

<sup>4</sup>Department of Internal Medicine, National Taiwan University Hospital Bei-Hu Branch, Taipei, Taiwan

<sup>5</sup>Department of Medical Research, National Taiwan University Hospital, Taipei, Taiwan

<sup>6</sup>Division of Hospital Medicine, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

<sup>7</sup>Division of Rheumatology, Department of Internal Medicine, National Taiwan University Hospital Hsin-Chu Branch, Hsinchu, Taiwan

### 代謝異常脂肪肝病對慢性 B 肝患者長期存活影響之比較

黃上秦<sup>1,2,3,4</sup> 蘇東弘<sup>1,2</sup> 曾岱宗<sup>2,5</sup> 徐士哲<sup>1,2</sup> 洪俊銘<sup>6</sup> 藍鼎淵<sup>7</sup> 劉振驊<sup>1,2</sup> 楊宏志<sup>1,2</sup> 劉俊人<sup>1,2,3</sup> 陳培哲<sup>1,2,3,5</sup> 高嘉宏<sup>1,2,3</sup>

<sup>1</sup> 國立臺灣大學醫學院附設醫院胃腸肝膽科

<sup>2</sup> 國立臺灣大學醫學院附設醫院肝炎研究中心

<sup>3</sup> 國立臺灣大學醫學院臨床醫學研究所

<sup>4</sup> 國立臺灣大學醫學院附設醫院北護分院胃腸肝膽內科

<sup>5</sup> 國立臺灣大學醫學院附設醫院醫學研究部

<sup>6</sup> 國立臺灣大學醫學院附設醫院整合醫學科

<sup>7</sup> 國立臺灣大學醫學院附設醫院新竹臺大分院風濕免疫科

### P.017 FACTORS THAT PREDICT RESPONSE OF CHRONIC HEPATITIS B PATIENTS WITH HEPATITIS B E ANTIGEN POSITIVE TO TENOFOVIR ALAFENAMIDE IN PING-TUNG COUNTY

Shi-Chi Wen<sup>1</sup>, Wu-Hsien Kuo<sup>2</sup>, Chao-Wen Hsueh<sup>1</sup>, Hsin-Yeh Chen<sup>1</sup>, Tzu-Ming Ou<sup>3</sup>, Chou-Yuan Ko<sup>3</sup>, Jyan-Wei Huang<sup>3</sup>, Chieh-Yu Wang<sup>4</sup>, Hsin-Yi Shen<sup>5</sup>, Yu-Fen Chen<sup>5</sup>, Yi-Ting Chen<sup>5</sup>, Chia-Yao Wang<sup>5</sup>

<sup>1</sup>Division of Gastroenterology, Department of Internal Medicine, Pao-Chien Hospital, Pingtung, Taiwan

<sup>2</sup>Yuan-Sheng Branch, Yuan-Zuog Hospital, Changhua, Taiwan

<sup>3</sup>Kaohsiung Armed Forces General Hospital, Kaohsiung, Taiwan

<sup>4</sup>Case Manager, Nursing Department, Pao-Chien Hospital, Pingtung, Taiwan

<sup>5</sup>Endoscopy Room, Nursing Department, Pao-Chien Hospital, Pingtung, Taiwan

### 屏東地區以核苷酸類似物韋立得治療慢性 B 型肝炎 e 抗原陽性患者 e 抗原成功消失之預測因素分析

文士祺<sup>1</sup> 郭武憲<sup>2</sup> 薛肇文<sup>1</sup> 陳興曄<sup>1</sup> 歐子銘<sup>3</sup> 柯朝元<sup>3</sup> 黃健維<sup>3</sup> 王潔瑜<sup>4</sup> 沈欣怡<sup>5</sup> 陳郁棻<sup>5</sup> 陳怡婷<sup>5</sup> 王嘉耀<sup>5</sup>

<sup>1</sup> 寶建醫院肝膽胰內科

<sup>2</sup> 員榮醫院肝膽胰內科

- <sup>3</sup> 國軍高雄總醫院肝膽胰內科
- <sup>4</sup> 寶建醫院護理部個管師
- <sup>5</sup> 寶建醫院護理部內視鏡室

P.018 **CORRELATION OF CDKN2B-AS1 SINGLE NUCLEOTIDE POLYMORPHISMS WITH HEPATOCELLULAR CARCINOMA**

Kuan-Chun Hsueh<sup>1,2,3</sup>, Shun-Fa Yang<sup>3,4</sup>

<sup>1</sup>Division of General Surgery, Department of Surgery, Tungs' Taichung MetroHarbour Hospital, Taichung, Taiwan

<sup>2</sup>Department of Post-Baccalaureate Medicine, College of Medicine, National Chung Hsing University, Taichung, Taiwan

<sup>3</sup>Institute of Medicine, Chung Shan Medical University, Taichung, Taiwan

<sup>4</sup>Department of Medical Research, Chung Shan Medical University Hospital, Taichung, Taiwan

**CDKN2B-AS1 單核苷酸基因多型性與肝細胞癌的關聯探討**

薛冠群<sup>1,2,3</sup> 楊順發<sup>3,4</sup>

<sup>1</sup> 童綜合醫療社團法人童綜合醫院一般外科

<sup>2</sup> 國立中興大學學士後醫學系

<sup>3</sup> 中山醫學大學醫學研究所

<sup>4</sup> 中山醫學大學附設醫院臨床研究中心

P.019 **IMPACT OF ALDH2 POLYMORPHISMS AND DRINKING BEHAVIORS: INSIGHTS FROM THE NORTHEASTERN TAIWAN COMMUNITY MEDICINE RESEARCH COHORT (NTCMRC)**

Chun Kai Wang<sup>1</sup>, Chih-Lang Lin<sup>1,2</sup>, Li-Wei Chen<sup>1</sup>, Rong-Nan Chien<sup>1,2,3</sup>, Jia-Jang Chang<sup>1</sup>, Shuo-Wei Chen<sup>1</sup>, Ching-Chih Hu<sup>1</sup>, Cheng-Hung Chien<sup>1</sup>, Tien -Shin Chou<sup>1</sup>, Tsuo-Hsuan Chien<sup>1</sup>, Xiu-Wei Li<sup>1</sup>, Kuang-Chen Huang<sup>1</sup>, Cheng-Han Xie<sup>1</sup>

<sup>1</sup>Department of Gastroenterology and Hepatology, Chang Gung Memorial Hospital and University, Keelung, Taiwan

<sup>2</sup>Community Medicine Research Center, Keelung Chang Gung Memorial Hospital, Keelung, Taiwan

<sup>3</sup>Department of Gastroenterology and Hepatology, Chang Gung Memorial Hospital and University, Linkou, Taoyuan, Taiwan

**ALDH2 基因變異與飲酒行為之影響：台灣東北部社區世代醫學研究之發現**

王俊凱<sup>1</sup> 林志郎<sup>1,2</sup> 陳立偉<sup>1</sup> 簡榮南<sup>1,2,3</sup> 張家昌<sup>1</sup> 陳碩為<sup>1</sup> 胡瀨之<sup>1</sup> 錢政弘<sup>1</sup> 鄧騰信<sup>1</sup> 簡佐軒<sup>1</sup> 李修維<sup>1</sup> 黃冠程<sup>1</sup> 謝承翰<sup>1</sup>

<sup>1</sup> 基隆長庚紀念醫院胃腸肝膽科

<sup>2</sup> 基隆長庚紀念醫院社區醫學研究中心

<sup>3</sup> 林口長庚紀念醫院胃腸肝膽科

P.020 **COMPARATIVE EFFECTIVENESS OF SGLT2 VS DPP4 INHIBITORS ON LONG-TERM OUTCOMES IN CHB PATIENTS WITH LIVER CIRRHOSIS: A RETROSPECTIVE COHORT STUDY USING THE CHANG GUNG RESEARCH DATABASE**

Yen-Hao Chen<sup>1</sup>, Chih-Lang Lin<sup>1,2</sup>, Li-Wei Chen<sup>1</sup>, Rong-Nan Chien<sup>1,3</sup>, Jia-Jang Chang<sup>1</sup>,  
Shuo-Wei Chen<sup>1</sup>, Ching-Chih Hu<sup>1</sup>, Cheng-Hung Chien<sup>1</sup>, Tien -Shin Chou<sup>1</sup>, Tsuo-Hsuan Chien<sup>1</sup>,  
Xiu-Wei Li<sup>1</sup>, Kuang-Chen Huang<sup>1</sup>, Cheng-Han Xie<sup>1</sup>

<sup>1</sup>Department of Gastroenterology and Hepatology, Chang Gung Memorial Hospital and University, Keelung, Taiwan

<sup>2</sup>Community Medicine Research Center, Keelung Chang Gung Memorial Hospital, Keelung, Taiwan

<sup>3</sup>Department of Gastroenterology and Hepatology, Chang Gung Memorial Hospital and University, Linkou, Taoyuan, Taiwan

### 比較 SGLT2 與 DPP4 抑制劑於慢性 B 型肝炎肝硬化患者長期療效之研究：一個長庚醫學資料庫之回顧性世代研究

陳彥豪<sup>1</sup> 林志郎<sup>1,2</sup> 陳立偉<sup>1</sup> 簡榮南<sup>1,3</sup> 張家昌<sup>1</sup> 陳碩為<sup>1</sup> 胡瀨之<sup>1</sup> 錢政弘<sup>1</sup> 鄒騰信<sup>1</sup> 簡佐軒<sup>1</sup> 李修維<sup>1</sup>  
黃冠程<sup>1</sup> 謝承翰<sup>1</sup>

<sup>1</sup> 基隆長庚紀念醫院胃腸肝膽科

<sup>2</sup> 基隆長庚紀念醫院社區醫學研究中心

<sup>3</sup> 林口長庚紀念醫院胃腸肝膽科

### P.021 MICRO-ELIMINATION OF CHRONIC HEPATITIS C BY UNIVERSAL SCREENING WITH RAPID DIAGNOSTIC TEST PLUS DIRECT-ACTING ANTIVIRALS (DAA) FOR INCARCERATED PERSONS IN HUALIEN

Mu-Liang Cheng<sup>1</sup>, Kai-Wen Chen<sup>2</sup>, Hui-Lee Chen<sup>3</sup>

<sup>1</sup>Department of Gastroenterology, Mennonite Christian Hospital, Hualien, Taiwan

<sup>2</sup>Department of Medicine, Hualien Armed Forces General Hospital, Hualien, Taiwan

<sup>3</sup>Sanitation and Health Section, Hualien Prison, Agency of Corrections, Ministry of Justice, Hualien, Taiwan

### 矯正機關以快速診斷檢驗法普遍篩檢合併直接作用抗病毒藥物微消除慢性 C 型肝炎 — 花蓮經驗

鄭穆良<sup>1</sup> 陳楷文<sup>2</sup> 陳惠琍<sup>3</sup>

<sup>1</sup> 基督教門諾會醫院腸胃內科

<sup>2</sup> 國軍花蓮總醫院腸胃內科

<sup>3</sup> 法務部矯正署花蓮監獄

### P.022 THE COMPARISONS OF EFFICACY AND SAFETY OF DIRECT-ACTING ANTIVIRAL TREATMENT FOR CHRONIC HEPATITIS C PATIENTS WITH AND WITHOUT CANCER: EXPERIENCE FROM SINGLE MEDICAL CENTER

Chen-Ta Yang, I-Ling Liu, Fang-Chi Yang, Yang-Yuan Chen, Siou-Ping Huang, Hsu-Heng Yen  
Department of Gastroenterology, Changhua Christian Hospital, Changhua, Taiwan

### 比較直接作用抗病毒藥物於慢性 C 型肝炎的癌症患者與非癌症患者的效果與副作用

楊承達 劉怡伶 楊芳琦 陳洋源 黃秀萍 顏旭亨

彰化基督教醫院胃腸肝膽科

**P.023 THE CLINICAL CHARACTERISTICS AND FIBROSIS SEVERITY IN SUBGROUPS OF MASLD**

Yi-Jhong Luo<sup>1</sup>, Shih-Han Weng<sup>2</sup>, Tsung-Jung Lin<sup>1</sup>, Kuan-Yang Chen<sup>3</sup>, Chih-Lin Lin<sup>1</sup>

<sup>1</sup>Department of Gastroenterology, Taipei City Hospital, Renai Branch, Taipei, Taiwan

<sup>2</sup>Department of Education and Research, Taipei City Hospital, Taipei, Taiwan

<sup>3</sup>Department of Gastroenterology, Taipei City Hospital, Yangming Branch, Taipei, Taiwan

代謝功能障礙相關脂肪性肝病次族群的臨床表徵與肝纖維化嚴重程度研究

羅一鐘<sup>1</sup> 翁詩涵<sup>2</sup> 林聰蓉<sup>1</sup> 陳冠仰<sup>3</sup> 林志陵<sup>1</sup>

<sup>1</sup> 臺北市立聯合醫院仁愛院區消化內科

<sup>2</sup> 臺北市立聯合醫院教學研究部

<sup>3</sup> 臺北市立聯合醫院陽明院區消化內科

**P.024 SHOULD ENDOSCOPIC ULTRASONOGRAPHY-GUIDED FINE NEEDLE BIOPSY BE PERFORMED IN PATIENTS WITH RESECTABLE PANCREATIC MALIGNANCIES? – A SINGLE-CENTER EXPERIENCE**

Ming-Sheng Chien<sup>1</sup>, Ching-Chung Lin<sup>1,2</sup>, Jian-Han Lai<sup>1,2,3</sup>

<sup>1</sup>Division of Gastroenterology, Department of Internal Medicine, MacKay Memorial Hospital, Taipei, Taiwan

<sup>2</sup>MacKay Medical College, Taipei, Taiwan

<sup>3</sup>MacKay Junior College of Medicine Nursing and Management, Taipei, Taiwan

可切除的胰臟惡性腫瘤患者是否應進行超音波內視鏡引導下的細針切片檢查？— 單醫學中心經驗

簡銘陞<sup>1</sup> 林慶忠<sup>1,2</sup> 賴建翰<sup>1,2,3</sup>

<sup>1</sup> 台北馬偕紀念醫院胃腸肝膽科

<sup>2</sup> 馬偕醫學院

<sup>3</sup> 馬偕醫護管理專科學校

**P.025 IS LENVATINIB-RADIOFREQUENCY ABLATION (RFA) FEASIBLE IN ADVANCED STAGE HEPATOCELLULAR CARCINOMA (HCC)?**

Yuan-Sheng Chang, Kwong-Ming Kee, Ming-Chao Tsai, Chao-Hung Hung, Jing-Houng Wang, Yuan-Hung Kuo, Chien-Hung Chen, Sheng-Nan Lu

Division of Hepato-Gastroenterology, Department of Internal Medicine, Kaohsiung Chang Gung Memorial Hospital and Chang Gung University College of Medicine, Kaohsiung, Taiwan

樂衛瑪續接射頻灼燒術在晚期肝癌病人可行嗎？

張源升 紀廣明 蔡明釗 洪肇宏 王景弘 郭垣宏 陳建宏 盧勝男

高雄長庚紀念醫院胃腸肝膽科

**P.026 EFFICACY AND SAFETY OF 144 WEEKS OF BULEVIRTIDE 2 MG OR 10 MG MONOTHERAPY FROM THE ONGOING PHASE 3 STUDY, MYR301**

Pietro Lampertico<sup>1,2</sup>, Soo Aleman<sup>3</sup>, Maurizia Brunetto<sup>4,5</sup>, Antje Blank<sup>6</sup>, Pietro Andreone<sup>7</sup>, Pavel Bogomolov<sup>8</sup>, Vladimir Chulanov<sup>9</sup>, Nina Mamonova<sup>9</sup>, Natalia Geyvandova<sup>10</sup>,

Morozov Viacheslav<sup>11</sup>, Olga Sagalova<sup>12</sup>, Tatyana Stepanova<sup>13</sup>, Grace M. Chee<sup>14</sup>, Dmitry Manuilov<sup>14</sup>, Mingyang Li<sup>14</sup>, Audrey H. Lau<sup>14</sup>, Anu Osinusi<sup>14</sup>, Julian Schulze zur Wiesch<sup>15</sup>, Markus Cornberg<sup>16</sup>, Stefan Zeuzem<sup>17</sup>, Heiner Wedemeyer<sup>16</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Foundation IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy; <sup>2</sup>CRC "A. M. and A. Migliavacca" Center for Liver Disease, Department of Pathophysiology and Transplantation, University of Milan, Milan, Italy; <sup>3</sup>Karolinska University Hospital/Karolinska Institutet, Department of Infectious Diseases, Stockholm, Sweden; <sup>4</sup>University Hospital of Pisa, Hepatology Unit, Reference Center of the Tuscany Region for Chronic Liver Disease and Cancer, Pisa, Italy; <sup>5</sup>University of Pisa, Department of Clinical and Experimental Medicine, Pisa, Italy; <sup>6</sup>Heidelberg University Hospital, Medical Faculty Heidelberg/Heidelberg University Hospital, Department of Clinical Pharmacology and Pharmacoepidemiology, Heidelberg, Germany; <sup>7</sup>University of Modena and Reggio Emilia, Internal Medicine, Baggiovara Hospital, Modena, Italy; <sup>8</sup>M.F. Vladimirovsky Moscow Regional Research and Clinical Institute, Moscow, Russian; <sup>9</sup>FSBI National Research Medical Center for Phthisiopulmonology and Infectious Diseases of the Ministry of Health of the Russian Federation, Moscow, Russian; <sup>10</sup>Stavropol Regional Hospital, Stavropol, Russian; <sup>11</sup>LLC Medical Company "Hepatolog," Samara, Russian; <sup>12</sup>Southern Ural State Medical University of Ministry of Health of the Russian Federation, Chelyabinsk, Russian; <sup>13</sup>LLC Clinic of Modern Medicine, Moscow, Russian; <sup>14</sup>Gilead Sciences, Inc., Foster City, CA, USA; <sup>15</sup>Hepatology Outpatient Medical Clinic, University Hospital Hamburg-Eppendorf, Hamburg, Germany; <sup>16</sup>Clinic for Gastroenterology, Hepatology, Infectious Diseases and Endocrinology, Hannover Medical School, Hannover, Germany; <sup>17</sup>Department of Medicine, University Hospital Frankfurt, Frankfurt am Main, Germany

P.027 **A MACHINE LEARNING MODEL FOR PREDICTING HEPATOCELLULAR CARCINOMA OCCURRENCE IN PATIENTS WITH HEPATITIS B VIRUS RELATED CIRRHOSIS**

Huang Pao-Yuan<sup>1</sup>, Heng-Syu Lin<sup>2</sup>, Cheng-Yuan Peng<sup>3,4</sup>, Ruei-Hau Hsu<sup>2</sup>, Chien-Hung Chen<sup>1</sup>

<sup>1</sup>Division of Hepatogastroenterology, Department of Internal Medicine, Kaohsiung Chang Gung Memorial Hospital and Chang Gung University College of Medicine, Kaohsiung, Taiwan

<sup>2</sup>Department of Computer Science and Engineering, National Sun Yat-sen University Kaohsiung, Taiwan

<sup>3</sup>Center of Digestive Medicine, Department of Internal Medicine, China Medical University Hospital, Taichung, Taiwan

<sup>4</sup>School of Medicine, China Medical University, Taichung, Taiwan

用於預測 B 型肝炎病毒相關肝硬化患者發生肝細胞癌的機器學習模型

黃寶源<sup>1</sup> 林恒旭<sup>2</sup> 彭成元<sup>3,4</sup> 徐瑞壕<sup>2</sup> 陳建宏<sup>1</sup>

<sup>1</sup>高雄長庚紀念醫院肝膽胃腸科系暨長庚大學醫學院

<sup>2</sup>國立中山大學資訊工程學系

<sup>3</sup>中國醫藥大學附設醫院消化醫學中心

<sup>4</sup>中國醫藥大學醫學院

P.028 **DIAGNOSTIC PERFORMANCE OF PIVKA-II AND ITS DYNAMIC CHANGE IN IDENTIFYING RECURRENCE OR PROGRESSION OF HEPATOCELLULAR CARCINOMA (HCC): A SINGLE-CENTER, RETROSPECTIVE STUDY**



Ding-Fong Wu<sup>1</sup>, Hsin-yi Chen<sup>1</sup>, Chih-Sheng Hung<sup>1,2</sup>, Chia-Long Lee<sup>1,2,3</sup>, Sien-Sing Yang<sup>1,2</sup>, Jui-Ting Hu<sup>1,2,3</sup>

<sup>1</sup>Division of Digestive Medicine, Cathay General Hospital, Taipei, Taiwan

<sup>2</sup>School of Medicine, College of Medicine, Fu-Jen Catholic University, New Taipei City, Taiwan

<sup>3</sup>School of Medicine, College of Medicine, Taipei Medical University, Taipei, Taiwan

## **PIVKA-II 以及其數值變化對肝細胞癌的復發與疾病進展的診斷表現：單一醫學中心的回朔性研究**

巫定峰<sup>1</sup> 陳信宜<sup>1</sup> 洪志聖<sup>1,2</sup> 李嘉龍<sup>1,2,3</sup> 楊賢馨<sup>1,2</sup> 胡瑞庭<sup>1,2,3</sup>

<sup>1</sup> 國泰綜合醫院消化內科

<sup>2</sup> 天主教輔仁大學醫學系

<sup>3</sup> 臺北醫學大學醫學系

## **P.029 GAAD SCORE AS A PROGNOSTIC MODEL FOR RECURRENCE OF HEPATOCELLULAR CARCINOMA AFTER CURATIVE RESECTION**

Yueh-Jen Chung<sup>1</sup>, Chih-Chi Wang<sup>2</sup>, Chao-Hung Hung<sup>3</sup>, Yuan-Hung Kuo<sup>3</sup>, Tsung-Hui Hu<sup>3</sup>, Chien-Hung Chen<sup>3</sup>, Sheng-Nan Lu<sup>3</sup>, Ming-Chao Tsai<sup>3,4</sup>

<sup>1</sup>Department of Internal Medicine, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, Taiwan  
<sup>2</sup>Division of General Surgery, Department of Surgery, Kaohsiung Chang Gung Memorial Hospital and Chang Gung University College of Medicine, Kaohsiung, Taiwan

<sup>3</sup>Division of Hepato-Gastroenterology, Department of Internal Medicine, Kaohsiung Chang Gung Memorial Hospital and Chang Gung University College of Medicine, Kaohsiung, Taiwan

<sup>4</sup>School of Medicine, College of Medicine, National Sun Yat-sen University, Kaohsiung, Taiwan

## **GAAD 可預測肝細胞癌術後的復發**

鍾悅仁<sup>1</sup> 王植熙<sup>2</sup> 洪肇宏<sup>3</sup> 郭垣宏<sup>3</sup> 胡琮輝<sup>3</sup> 陳建宏<sup>3</sup> 盧勝男<sup>3</sup> 蔡明釗<sup>3,4</sup>

<sup>1</sup> 高雄長庚紀念醫院內科部

<sup>2</sup> 高雄長庚紀念醫院一般外科

<sup>3</sup> 高雄長庚紀念醫院胃腸肝膽科

<sup>4</sup> 國立中山大學醫學系

## **P.030 CHARACTERISTIC OF CONTRAST ENHANCED HARMONIC EUS OF METASTATIC LIVER MALIGNANCY**

Chung-Hsiang Wu<sup>1</sup>, Jiann-Hwa Chen<sup>1,2</sup>, Wei-Chih Su<sup>1</sup>, Tsung-Hsien Hsiao<sup>1</sup>, Lung-Yuan Hsu<sup>1,2</sup>, You-Chen Chao<sup>1,2</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Taipei Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Taipei, Taiwan

<sup>2</sup>School of Medicine, Tzu Chi University, Hualien, Taiwan

## **轉移惡性肝腫瘤在對比劑內視鏡超音波的特徵**

吳仲翔<sup>1</sup> 陳建華<sup>1,2</sup> 蘇偉志<sup>1</sup> 蕭宗賢<sup>1</sup> 徐榮源<sup>1,2</sup> 趙有誠<sup>1,2</sup>

<sup>1</sup> 佛教慈濟醫療財團法人台北慈濟醫院胃腸肝膽科

<sup>2</sup> 慈濟大學醫學院

P.031 **SIGNIFICANT DIFFERENCES IN IN THE OVERALL AND CAUSE-SPECIFIC SURVIVAL RATES ACROSS SUBGROUPS OF PATIENTS WITH CIRRHOSIS**

Ashley Fong<sup>1</sup>, Joanne Kimiko Liu<sup>1</sup>, Mayumi Maeda<sup>1</sup>, Vy H. Nguyen<sup>1</sup>, Isaac Le<sup>1</sup>, Annie Fung<sup>1</sup>, Surya Teja Gudapati<sup>1</sup>, Sally Tran<sup>1</sup>, Angela Chau<sup>1</sup>, Xinrong Zhang<sup>1</sup>, Jung Eun Park<sup>1</sup>, Ramsey Cheung<sup>1</sup>, Dr. Changqing Zhao<sup>2</sup>, Minjuan Jin<sup>3</sup>, Mindie H. Nguyen<sup>1</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Stanford University Medical Center, Stanford, CA, USA

<sup>2</sup>Department of Cirrhosis, Institute of Liver Disease, Shuguang Hospital, Shanghai University of T.C.M., Shanghai, China

<sup>3</sup>Department of Epidemiology and Biostatistics, Zhejiang University School of Public Health, Hang Zhou, China

P.032 **SWITCHING FROM TENOFOVIR DISOPROXIL FUMARATE TO TENOFOVIR ALAFENAMIDE OR ENTECAVIR IN PATIENTS WITH CHRONIC HEPATITIS B**

Yu-Sheng Lin, Cheng-Hao Wu, Hsin-Ju Tsai, Chia-Chang Chen, Ying-Cheng Lin, Shou-Wu Lee, Yen-Chun Peng, Sheng-Shun Yang, Teng-Yu Lee

Division of Gastroenterology & Hepatology, Department of Internal Medicine, Taichung Veterans General Hospital, Taichung, Taiwan

**將慢性 B 型肝炎病人由 Tenofovir Disoproxil Fumarate 轉換成 Tenofovir Alafenamide 或 Entecavir 的比較**

林佑昇 吳晟浩 蔡忻儒 陳家昌 林穎正 李少武 彭彥鈞 楊勝舜 李騰裕  
臺中榮民總醫院胃腸肝膽科

P.033 **SIMPLIFIED CT-BASED HEPATIC EXTRACELLULAR VOLUME FRACTION MEASUREMENT: A NONINVASIVE METHOD FOR ASSESSING LIVER FIBROSIS AND CIRRHOSIS**

Yu-Kuang Kang, Hsuan-Hwai Lin

Division of Gastroenterology, Department of Internal Medicine, Tri-Service General Hospital, National Defense Medical Center, Taipei, Taiwan

**簡化電腦斷層肝臟細胞外容積分數測量法：一種非侵入性評估肝纖維化和肝硬化的方法**

康有光 林煊淮  
三軍總醫院胃腸科

P.034 **HISTOLOGIC AND CLINICAL FEATURES OF A SOLITARY LARGE HEPATOCELLULAR CARCINOMA WITHOUT MACROVASCULAR INVASION IN A TERTIARY MEDICAL CENTER**

Yi-Hsuan Liu<sup>1,2,3</sup>, Tsang-En Wang<sup>1,2,3</sup>, Ching-Wei Chang<sup>1,2,3</sup>, Ming-Jen Chen<sup>1,2,3</sup>, Jiunn-Chang Lin<sup>1,2,3</sup>, Chia-Chi Tsai<sup>1,2,3</sup>

<sup>1</sup>Division of Gastroenterology, Department of Internal Medicine, MacKay Memorial Hospital, Taipei, Taiwan

<sup>2</sup>Mackay Junior College of Medicine, Nursing and Management, New Taipei City, Taiwan

<sup>3</sup>Mackay Medical College, New Taipei City, Taiwan

## 醫學中心大型單一顆無大血管侵犯的肝臟腫瘤之組織學和臨床特徵

劉煒玟<sup>1,2,3</sup> 王蒼恩<sup>1,2,3</sup> 張經緯<sup>1,2,3</sup> 陳銘仁<sup>1,2,3</sup> 林俊昌<sup>1,2,3</sup> 蔡家騏<sup>1,2,3</sup>

<sup>1</sup> 馬偕紀念醫院胃腸肝膽科

<sup>2</sup> 馬偕醫護管理專科學校

<sup>3</sup> 馬偕醫學院

## P.035 TARGETING THE GUT-LIVER-IMMUNE AXIS TO TREAT METABOLIC DYSFUNCTION-ASSOCIATED STEATOTIC LIVER DISEASE BY FUCOIDAN

Ming Shun Wu<sup>1,2,3</sup>, Sheng-Jie Shiue<sup>1,3</sup>, Chun-Nan Chen<sup>1,3</sup>, Chao-Ling Cheng<sup>1,3</sup>, Tze-Sian Chan<sup>1,3</sup>, Gi-Shih Lien<sup>1</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Wan Fang Hospital, Taipei Medical University, Taipei, Taiwan

<sup>2</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, School of Medicine, College of Medicine, Taipei Medical University, Taipei, Taiwan

<sup>3</sup>TMU Research Center for Digestive Medicine, Taipei Medical University, Taipei, Taiwan

## 探討小分子褐藻醣膠對代謝功能障礙相關脂肪肝病的腸道 - 肝臟 - 免疫軸影響

吳明順<sup>1,2,3</sup> 薛聖潔<sup>1,3</sup> 陳俊男<sup>1,3</sup> 鄭照霖<sup>1,3</sup> 張智翔<sup>1,3</sup> 連吉時<sup>1</sup>

<sup>1</sup> 臺北市立萬芳醫院一委託財團法人臺北醫學大學辦理消化內科

<sup>2</sup> 臺北醫學大學醫學系內科

<sup>3</sup> 臺北醫學大學消化醫學研究中心

## P.036 THE IMPACT OF MODERATE ALCOHOL CONSUMPTION AND ASSOCIATED RISK FACTORS ON SURVIVAL OUTCOMES IN HEPATOCELLULAR CARCINOMA PATIENTS: A RETROSPECTIVE COHORT STUDY IN EASTERN TAIWAN

Meng-chen Hsieh<sup>1</sup>, Ping-Jen Hu<sup>1,2</sup>, Ming-Yao Chen<sup>1,2</sup>, Ming-Jong Bai<sup>3</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Taipei Medical University-Shuang Ho Hospital, Ministry of Health and Welfare, New Taipei City, Taiwan

<sup>2</sup>TMU Research Center for Digestive Medicine, Taipei Medical University, Taipei, Taiwan

<sup>3</sup>Division of Gastroenterology, Department of Internal Medicine, Taitung Mackay Memorial Hospital, Taitung, Taiwan

## 中度飲酒及相關風險因子對肝細胞癌患者生存結果之影響：東台灣單中心回顧性研究

謝孟辰<sup>1</sup> 胡炳任<sup>1,2</sup> 陳明堯<sup>1,2</sup> 白明忠<sup>3</sup>

<sup>1</sup> 衛生福利部雙和醫院消化內科

<sup>2</sup> 臺北醫學大學消化醫學研究中心

<sup>3</sup> 台東馬偕紀念醫院胃腸肝膽科

## P.037 THE RISK STRATIFICATION OF LIVER FIBROSIS REMAINS MOSTLY UNCHANGED OVER SHORT-TERM FOLLOW-UP IN DIABETIC PATIENTS

Yu-Ting Chen<sup>1</sup>, Miaw-Jene Liou<sup>2</sup>, Chih-Yiu Tsai<sup>2</sup>, Chia-Hung Lin<sup>2,3</sup>, Yi-Cheng Chen<sup>1,4,5</sup>

<sup>1</sup>Department of Gastroenterology and Hepatology, Chang Gung Memorial Hospital, Linkou Branch, Taoyuan, Taiwan

<sup>2</sup>Division of Endocrinology and Metabolism, Department of Internal Medicine, Chang Gung Memorial Hospital, Linkou Branch, Taoyuan, Taiwan

<sup>3</sup>Department of Chinese Medicine, College of Medicine, Chang Gung University, Taoyuan, Taiwan

<sup>4</sup>College of Medicine, Chang Gung University, Taoyuan, Taiwan

<sup>5</sup>School of Medicine, National Tsing Hua University, Taoyuan, Taiwan

### 多數糖尿病患者在短期追蹤期間肝纖維化風險分層保持不變

陳昱廷<sup>1</sup> 劉妙真<sup>2</sup> 蔡之祐<sup>2</sup> 林嘉鴻<sup>2,3</sup> 陳益程<sup>1,4,5</sup>

<sup>1</sup> 林口長庚紀念醫院胃腸肝膽科

<sup>2</sup> 林口長庚紀念醫院內分泌暨新陳代謝科

<sup>3</sup> 長庚大學中醫學系

<sup>4</sup> 長庚大學醫學院

<sup>5</sup> 清華大學醫學系

### P.038 THE USEFULNESS OF BLOOD GAMMA-GLUTAMYLTRANSFERASE IN SCREENING FOR UNHEALTHY ALCOHOL USE IN INDIGENOUS COMMUNITY

Hui-Min Tien<sup>1</sup>, Hsiao-Chu Lien<sup>1</sup>, Pei-Lin Chou<sup>2</sup>, Yu-Ling Chen<sup>3,4</sup>, Nien-Tzu Hsu<sup>3,4</sup>, Sheng-Nan Lu<sup>3,4</sup>, Jing-Houng Wang<sup>3,4</sup>

<sup>1</sup>Laiyi Primary Health Center, Kaohsiung, Taiwan

<sup>2</sup>Mudan Primary Health Center, Kaohsiung, Taiwan

<sup>3</sup>Division of Hepatogastroenterology, Department of Internal Medicine, Kaohsiung Chang Gung Memorial Hospital and Chang Gung University College of Medicine, Kaohsiung, Taiwan

<sup>4</sup>Kaohsiung Research Association for the Control of the Liver Diseases

### 血液丙麩胺醯氨轉酸酶於原民社區篩檢不健康飲酒的效用

田惠民<sup>1</sup> 連筱筑<sup>1</sup> 周培麟<sup>2</sup> 陳柚陵<sup>3,4</sup> 許念慈<sup>3,4</sup> 盧勝男<sup>3,4</sup> 王景弘<sup>3,4</sup>

<sup>1</sup> 來義鄉衛生所

<sup>2</sup> 牡丹鄉衛生所

<sup>3</sup> 高雄長庚紀念醫院胃腸肝膽科

<sup>4</sup> 高雄市肝病防治協會

### P.039 RELAPSE IN HBV CANCER PATIENTS RECEIVING CHEMOTHERAPY AFTER CESSATION OF NUCLEOS(T)IDES ANALOGUES INCREASED OVERALL MORTALITY RISK

Chih-Wen Wang<sup>1,2</sup>, Chung-Feng Huang<sup>1</sup>, Ming-Lun Yeh<sup>1</sup>, Po-Cheng Liang<sup>1</sup>, Tyng-Yuan Jang<sup>1</sup>, Yu-Ju Wei<sup>1,3</sup>, Ming-Yen Hsieh<sup>1,3</sup>, Yi-Hung Lin<sup>1,2</sup>, Jee-Fu Huang<sup>1</sup>, Chia-Yen Dai<sup>1</sup>, Wan-Long Chuang<sup>1</sup>, Ming-Lung Yu<sup>1</sup>

<sup>1</sup>Division of Hepatobiliary, Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan

<sup>2</sup>Department of Internal Medicine, Kaohsiung Municipal Hsiao-Kang Hospital, Kaohsiung, Taiwan

<sup>3</sup>Department of Internal Medicine, Kaohsiung Municipal Ta-Tung Hospital, Kaohsiung, Taiwan

停止使用核苷（酸）類似物後接受化療的 B 型肝炎患者產生復發會增加整體死亡率風險

王志文<sup>1,2</sup> 黃鈞峰<sup>1</sup> 葉明倫<sup>1</sup> 梁博程<sup>1</sup> 張庭遠<sup>1</sup> 魏鈺儒<sup>1,3</sup> 謝明彥<sup>1,3</sup> 林宜竑<sup>1,2</sup> 黃志富<sup>1</sup> 戴嘉言<sup>1</sup> 莊萬龍<sup>1</sup> 余明隆<sup>1</sup>

<sup>1</sup>高雄醫學大學附設中和紀念醫院肝膽胰內科

<sup>2</sup>高雄市立小港醫院內科部

<sup>3</sup>高雄市立大同醫院內科部

P.040 HEPATITIS C VIRUS INFECTION ASSOCIATED WITH CORONARY AND THORACIC AORTIC ATHEROSCLEROSIS

Chih-Wen Wang<sup>1,2</sup>, Chung-Feng Huang<sup>1</sup>, Ming-Lun Yeh<sup>1</sup>, Po-Cheng Liang<sup>1</sup>, Tyng-Yuan Jang<sup>1</sup>, Yu-Ju Wei<sup>1,3</sup>, Ming-Yen Hsieh<sup>1,3</sup>, Yi-Hung Lin<sup>1,2</sup>, Jee-Fu Huang<sup>1</sup>, Chia-Yen Dai<sup>1</sup>, Wan-Long Chuang<sup>1</sup>, Ming-Lung Yu<sup>1</sup>

<sup>1</sup>Division of Hepatobiliary, Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan

<sup>2</sup>Department of Internal Medicine, Kaohsiung Municipal Hsiao-Kang Hospital, Kaohsiung, Taiwan

<sup>3</sup>Department of Internal Medicine, Kaohsiung Municipal Ta-Tung Hospital, Kaohsiung, Taiwan

C 型肝炎病毒感染與冠狀動脈和胸主動脈粥樣硬化有關

王志文<sup>1,2</sup> 黃鈞峰<sup>1</sup> 葉明倫<sup>1</sup> 梁博程<sup>1</sup> 張庭遠<sup>1</sup> 魏鈺儒<sup>1,3</sup> 謝明彥<sup>1,3</sup> 林宜竑<sup>1,2</sup> 黃志富<sup>1</sup> 戴嘉言<sup>1</sup> 莊萬龍<sup>1</sup> 余明隆<sup>1</sup>

<sup>1</sup>高雄醫學大學附設中和紀念醫院肝膽胰內科

<sup>2</sup>高雄市立小港醫院內科部

<sup>3</sup>高雄市立大同醫院內科部

P.041 IMPACT OF DIABETES MELLITUS ON RECURRENCE PATTERN AND SURVIVAL IN PATIENTS WITH HBV-RELATED HEPATOCELLULAR CARCINOMA UNDERGOING THERMAL ABLATION

Kuo-Cheng Wu<sup>1,2</sup>, I-Cheng Lee<sup>1,3</sup>, Chien-An Liu<sup>4,5</sup>, Nai-Chi Chiu<sup>3,5</sup>, Shao-Jung Hsu<sup>1,3</sup>, Pei-Chang Lee<sup>1,3</sup>, Chi-Jung Wu<sup>1,3,4</sup>, Chen-Ta Chi<sup>1,3,4</sup>, Jiing-Chyuan Luo<sup>1,3</sup>, Ming-Chih Hou<sup>1,3</sup>, Yi-Hsiang Huang<sup>1,3,4,6</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Medicine, Taipei Veterans General Hospital, Taipei, Taiwan

<sup>2</sup>Division of Gastroenterology and Hepatology, Department of Medicine, Keelung Hospital, Ministry of Health and Welfare, Keelung, Taiwan

<sup>3</sup>School of Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan

<sup>4</sup>Institute of Clinical Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan

<sup>5</sup>Department of Radiology, Taipei Veterans General Hospital, Taipei, Taiwan

<sup>6</sup>Healthcare and Service Center, Taipei Veterans General Hospital, Taipei, Taiwan

糖尿病對 B 型肝炎相關肝癌接受熱消融術後復發模式和存活的影响

胡果正<sup>1,2</sup> 李懿成<sup>1,3</sup> 柳建安<sup>4,5</sup> 邱乃祈<sup>3,5</sup> 許劭榮<sup>1,3</sup> 李沛璋<sup>1,3</sup> 吳啓榮<sup>1,3,4</sup> 齊振達<sup>1,3,4</sup> 羅景全<sup>1,3</sup> 侯明志<sup>1,3</sup> 黃怡翔<sup>1,3,4,6</sup>

- <sup>1</sup> 臺北榮民總醫院胃腸肝膽科
- <sup>2</sup> 衛生福利部基隆醫院胃腸肝膽科
- <sup>3</sup> 國立陽明交通大學醫學系
- <sup>4</sup> 國立陽明交通大學臨床醫學研究所
- <sup>5</sup> 臺北榮民總醫院放射線部
- <sup>6</sup> 臺北榮民總醫院健康管理中心

P.042 **CHARACTERISTICS AND DYNAMICS OF HEPATITIS D VIRUS IN HEPATITIS B AND C DUALY INFECTED PATIENTS AFTER HEPATITIS C ANTIVIRAL THERAPY**

Ming-Lun Yeh<sup>1,2</sup>, Po-Cheng Liang<sup>1</sup>, Po-Yau Hsu<sup>1,2</sup>, Tyng-Yuan Jang<sup>1,2</sup>, Yu-Ju Wei<sup>1,2</sup>, Chung-Feng Huang<sup>1,2</sup>, Jee-Fu Huang<sup>1,2</sup>, Chia-Yen Dai<sup>1,2</sup>, Wan-Long Chuang<sup>1,2</sup>, Ming-Lung Yu<sup>1,2</sup>  
<sup>1</sup>Hepatobiliary Division, Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan  
<sup>2</sup>School of Medicine, College of Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan

**B 型 C 型肝炎合併感染病患接受 C 型肝炎抗病毒藥物治療後 D 型肝炎病毒表徵及病毒動力學**

葉明倫<sup>1,2</sup> 梁博程<sup>1</sup> 許博堯<sup>1,2</sup> 張庭遠<sup>1,2</sup> 魏鈺儒<sup>1,2</sup> 黃鈞峰<sup>1,2</sup> 黃志富<sup>1,2</sup> 戴嘉言<sup>1,2</sup> 莊萬龍<sup>1,2</sup> 余明隆<sup>1,2</sup>  
<sup>1</sup>高雄醫學大學附設醫院肝膽胰內科  
<sup>2</sup>高雄醫學大學醫學系

P.043 **DEVELOPING A PERSONALIZED HCC TREATMENT STRATEGY BY AN EX VIVO CANCER CELL MODEL**

Ming-Lun Yeh<sup>1,2</sup>, Yi-Shan Tsai<sup>1</sup>, Chung-Feng Huang<sup>1,2</sup>, Jee-Fu Huang<sup>1,2</sup>, Chia-Yen Dai<sup>1,2</sup>, Wan-Long Chuang<sup>1,2</sup>, Ming-Lung Yu<sup>1,2</sup>  
<sup>1</sup>Hepatobiliary Division, Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan  
<sup>2</sup>School of Medicine, College of Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan

**以一體外腫瘤細胞模式發展個人化肝癌治療策略**

葉明倫<sup>1,2</sup> 蔡易珊<sup>1</sup> 黃鈞峰<sup>1,2</sup> 黃志富<sup>1,2</sup> 戴嘉言<sup>1,2</sup> 莊萬龍<sup>1,2</sup> 余明隆<sup>1,2</sup>  
<sup>1</sup>高雄醫學大學附設醫院肝膽胰內科  
<sup>2</sup>高雄醫學大學醫學院醫學系

P.044 **FROM LIVER TO PANCREAS: WHY DOES HEPATOCELLULAR CARCINOMA CAUSE ACUTE PANCREATITIS? – A CASE REPORT AND MINI-REVIEW**

Wei-Liang Lin, Po-Cheng Liang, Ming-Lun Yeh, Chung-Feng Huang, Zu-Yau Lin, Jee-Fu Huang, Ming-Lung Yu, Wan-Long Chuang, Chia-Yen Dai  
 Division of Hepatobiliary, Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan

**從肝到胰：為何肝細胞癌會引起急性胰腺炎？— 病例報告與迷你文獻綜述**

林威良 梁博程 葉明倫 黃鈞峰 林子堯 黃志富 余明隆 莊萬龍 戴嘉言  
 高雄醫學大學附設中和紀念醫院肝膽胰內科

P.045 **THE INFLUENCES OF 5-HYDROXYTRYPTAMINE RECEPTOR RELEVANT AGENTS ON PORTAL HYPERTENSION-RELATED DERANGEMENTS IN CIRRHOTIC RATS**

Chia-Jui Tsai<sup>1</sup>, Shao-Jung Hsu<sup>1,2</sup>, Hui-Chun Huang<sup>1,2</sup>, Ming-Chih Hou<sup>1,2</sup>, Fa-Yauh Lee<sup>1,2</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Medicine, Taipei Veteran General Hospital, Taipei, Taiwan

<sup>2</sup>Faculty of Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan

**5-Hydroxytryptamine (5-HT) 接受器相關物質對肝硬化大鼠之門脈高壓相關表現的效應**

蔡佳叡<sup>1</sup> 許劭榮<sup>1,2</sup> 黃惠君<sup>1,2</sup> 侯明志<sup>1,2</sup> 李發耀<sup>1,2</sup>

<sup>1</sup>臺北榮民總醫院胃腸肝膽科

<sup>2</sup>國立陽明交通大學醫學系

P.046 **THE ASSOCIATED BETWEEN ALDH2 RS671 POLYMORPHISM AND CLINICAL PROGNOSIS IN ALCOHOL-RELATED HEPATOCELLULAR CARCINOMA AFTER CURATIVE RESECTION**

I-Hsun Lin<sup>1</sup>, Wen-Lung Wang<sup>1,2</sup>, Pei-Min Hsieh<sup>3,4</sup>, Yaw-Sen Chen<sup>3</sup>, Yu-Wei Huang<sup>5,6</sup>, Chih-Wen Lin<sup>1,2</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Medicine, E-Da Hospital, I-Shou University, Kaohsiung, Taiwan

<sup>2</sup>School of Medicine, College of Medicine, I-Shou University, Kaohsiung, Taiwan

<sup>3</sup>Department of Surgery, E-Da Hospital, I-Shou University, Kaohsiung, Taiwan

<sup>4</sup>Department of Surgery, E-Da Dachang Hospital, I-Shou University, Kaohsiung, Taiwan

<sup>5</sup>Department of Anesthesiology, Emergency and Critical Care Center, E-Da Hospital, I-Shou University, Kaohsiung, Taiwan

<sup>6</sup>Department of Nursing, Fooyin University, Kaohsiung, Taiwan

**ALDH2 rs671 基因多型性與接受根治性切除後的酒精引起的肝癌的臨床預後的相關性**

林逸勳<sup>1</sup> 王文瑜<sup>1,2</sup> 謝沛民<sup>3,4</sup> 陳耀森<sup>3</sup> 黃煜為<sup>5,6</sup> 林志文<sup>1,2</sup>

<sup>1</sup>義大醫院胃腸肝膽科

<sup>2</sup>義守大學醫學系

<sup>3</sup>義大醫院一般外科

<sup>4</sup>義大大昌醫院一般外科

<sup>5</sup>義大醫院麻醉部及加護病房中心

<sup>6</sup>輔英大學護理部

P.047 **AGE ISN'T JUST A NUMBER: EXPLORING TREATMENT OUTCOMES ACROSS GENERATIONAL DIVIDES IN ESOPHAGEAL SQUAMOUS CELL CARCINOMA (ESCC)**

Pei-Lin Chuang<sup>1,2</sup>, Yao-Kuang Wang<sup>1,2,3</sup>, I-Chen Wu<sup>1,2,3</sup>

<sup>1</sup>Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan

<sup>2</sup>Division of Gastroenterology, Department of Internal Medicine, Kaohsiung Medical University

Hospital, Kaohsiung, Taiwan

<sup>3</sup>Department of Medicine, College of Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan

### 年齡不僅是一個數字：探索食道鱗狀細胞癌跨年齡層的治療結果

莊沛霖<sup>1,2</sup> 王耀廣<sup>1,2,3</sup> 吳宜珍<sup>1,2,3</sup>

<sup>1</sup>高雄醫學大學附設中和紀念醫院內科部

<sup>2</sup>高雄醫學大學附設中和紀念醫院胃腸內科

<sup>3</sup>高雄醫學大學醫學系

### P.048 SERIAL CHANGES IN STEATOTIC LIVER DISEASE (SLD) AFTER SLEEVE GASTRECTOMY (SG) AND ITS ASSOCIATION WITH ABDOMINAL ADIPOSITY

Bing-Jie Lee<sup>1</sup>, Chung-Yi Yang<sup>2</sup>, Jian-Han Chen<sup>3</sup>, Shiu-Feng Huang<sup>4</sup>, Ming-Lung Yu<sup>5</sup>, Chi-Ming Tai<sup>1</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, E-Da Hospital, I-Shou University, Kaohsiung, Taiwan

<sup>2</sup>Department of Medical imaging, E-DA Hospital, I-Shou University, Kaohsiung, Taiwan

<sup>3</sup>Division of General Surgery, E-Da Hospital, Kaohsiung, Taiwan

<sup>4</sup>Institute of Molecular and Genomic Medicine, National Health Research Institutes, Miaoli, Taiwan

<sup>5</sup>Center of Hepatitis Research, College of Medicine and Center for Liquid Biopsy and Cohort Research, Kaohsiung Medical University, Kaohsiung, Taiwan

### 袖狀胃切除術後脂肪肝病的系列變化及其與腹部脂肪的關聯

呂秉杰<sup>1</sup> 楊中宜<sup>2</sup> 陳建翰<sup>3</sup> 黃秀芬<sup>4</sup> 余明隆<sup>5</sup> 戴啓明<sup>1</sup>

<sup>1</sup>義大醫療財團法人義大醫院胃腸肝膽科

<sup>2</sup>義大醫療財團法人義大醫院醫學影像科

<sup>3</sup>義大醫療財團法人義大醫院一般外科

<sup>4</sup>國家衛生研究院分子與基因醫學研究所

<sup>5</sup>高雄醫學大學液態生物檢體暨世代研究中心和醫學院肝炎研究中心

### P.049 CIRCULATING LET-7 PREDICTS HEPATIC FIBROGENESIS OF 12-MONTH POST-NUCLEOS(T)IDE ANALOG TREATMENT IN PATIENTS WITH HEPATITIS B VIRUS

Yi-Shan Tsai, Po-Cheng Liang, Yi-Hung Lin, Tyng-Yuan Jang, Yu-Ju Wei, Po-Han Chen, Jia-Ning Hsu, Meng-Hsuan Hsieh, Ming-Yen Hsieh, Chih-Wen Wang, Zu-Yau Lin, Ming-Lun Yeh, Chung-Feng Huang, Jee-Fu Huang, Ming-Lung Yu, Wan-Long Chuang, Chia-Yen Dai  
Hepatobiliary Division, Department of Internal Medicine and Hepatitis Center, Kaohsiung Medical University Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan

### 血中 Let-7 可預測 B 型肝炎病毒患者接受核（酸）類似物治療 12 個月後發生纖維化

蔡易珊 梁博程 林宜竝 張庭遠 魏鈺儒 諶柏翰 許家寧 謝孟軒 謝明彥 王志文 林子堯 葉明倫 黃鈞峰 黃志富 余明隆 莊萬龍 戴嘉言  
高雄醫學大學附設中和紀念醫院肝膽胰內科

### P.050 COMPARATIVE EVALUATION OF PEDIATRIC FATTY LIVER DISEASE CRITERIA: MASLD, ESPGHAN, NASPGHAN, AND NAFLD IN TAIWAN

Chih-Wen Wang<sup>1,2</sup>, Po-Chin Huang<sup>3</sup>, Chia-Yen Dai<sup>1</sup>, Jee-Fu Huang<sup>1</sup>, Ming-Lung Yu<sup>1</sup>

<sup>1</sup>Division of Hepatobiliary, Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan

<sup>2</sup>Department of Internal Medicine, Kaohsiung Municipal Hsiao-Kang Hospital, Kaohsiung, Taiwan

<sup>3</sup>National Institute of Environmental Health Sciences, National Health Research Institutes, Miaoli, Taiwan

## 台灣兒童脂肪肝病標準的比較評估：MASLD、ESPGHAN、NASPGHAN 和 NAFLD

王志文<sup>1,2</sup> 黃柏菁<sup>3</sup> 戴嘉言<sup>1</sup> 黃志富<sup>1</sup> 余明隆<sup>1</sup>

<sup>1</sup>高雄醫學大學附設中和紀念醫院肝膽胰內科

<sup>2</sup>高雄市立小港醫院內科部

<sup>3</sup>國家衛生研究院國家環境醫學研究所

### P.051 TO INVESTIGATE THE EFFECT OF ADIPOCYTES ON LIVER FIBROSIS TO METABOLIC ASSOCIATED FATTY LIVER DISEASE (MAFLD)

Ting-Wei Chang<sup>1</sup>, Chia-Yen Dai<sup>2,3</sup>, Jee-Fu Huang<sup>2,3</sup>, Wan-Long Chuang<sup>2</sup>, Ming-Lung Yu<sup>2</sup>, Shu-Chi Wang<sup>1</sup>

<sup>1</sup>Department of Medical Laboratory Science and Biotechnology, Kaohsiung Medical University, Kaohsiung, Taiwan

<sup>2</sup>Division of Hepatobiliary, Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan

<sup>3</sup>Department of Internal Medicine, Kaohsiung Municipal Hsiao-Kang Hospital, Kaohsiung, Taiwan

## 研究脂肪細胞對肝纖維化及代謝相關性脂肪肝病 (MAFLD) 的影響

張庭瑋<sup>1</sup> 戴嘉言<sup>2,3</sup> 黃志富<sup>2,3</sup> 莊萬龍<sup>2</sup> 余明隆<sup>2</sup> 王述綺<sup>1</sup>

<sup>1</sup>高雄醫學大學醫學檢驗暨生物技術學系

<sup>2</sup>高雄醫學大學附設中和紀念醫院肝膽胰內科

<sup>3</sup>高雄市立小港醫院內科部

### P.052 SARCOPENIA AND MYOSTEATOSIS ARE ASSOCIATED WITH SURVIVAL IN PATIENTS RECEIVING LENVATINIB FOR UNRESECTABLE HEPATOCELLULAR CARCINOMA

Pei-Jui Luo<sup>1</sup>, Kai-I Chuang<sup>2</sup>, Cheng-Fu Ni<sup>2</sup>, Wei-Yu Kao<sup>3</sup>, Chih-Horng Wu<sup>1</sup>

<sup>1</sup>Department of Medical Imaging and Radiology, National Taiwan University Hospital and College of Medicine, Taiwan

<sup>2</sup>Department of Medical Imaging, Taipei Medical University Hospital, Taipei, Taiwan

<sup>3</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Taipei Medical University Hospital, Taipei, Taiwan

## 肌少症和肌肉脂肪變性與接受樂威瑪治療不可切除肝細胞癌患者的存活有關

羅培璫<sup>1</sup> 莊凱壹<sup>2</sup> 倪承賦<sup>2</sup> 高偉育<sup>3</sup> 吳志宏<sup>1</sup>

<sup>1</sup>台大醫院影像醫學部

<sup>2</sup>臺北醫學大學附設醫院影像醫學部

<sup>3</sup>臺北醫學大學附設醫院內消化內科

P.053 **THE OBESITY-RELATED GENETIC MUTATIONS ON NONALCOHOLIC FATTY LIVER DISEASE**

Wei-Chen Chiang<sup>1</sup>, Yen-Yu Chen<sup>2</sup>, Jee-Fu Huang<sup>3,4,5,6</sup>, Wan-Long Chuang<sup>4,5,6</sup>, Ming-Lung Yu<sup>4,5,7,8</sup>, Shu-Chi Wang<sup>1,3,8,9,10</sup>

<sup>1</sup>Department of Medical Laboratory Science and Biotechnology, Kaohsiung Medical University, Kaohsiung, Taiwan; <sup>2</sup>School of Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan; <sup>3</sup>Center for Liquid Biopsy, Kaohsiung Medical University, Kaohsiung, Taiwan; <sup>4</sup>Hepatobiliary Division, Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan; <sup>5</sup>Graduate Institute of Clinical Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan; <sup>6</sup>Faculty of Internal Medicine, College of Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan; <sup>7</sup>School of Medicine and Doctoral Program of Clinical and Experimental Medicine, College of Medicine, National Sun Yat-sen University, Kaohsiung, Taiwan; <sup>8</sup>Center of Excellence for Metabolic Associated Fatty Liver Disease, National Sun Yat-Sen University, Kaohsiung, Taiwan; <sup>9</sup>Graduate Institute of Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan; <sup>10</sup>Department of Medical Research, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan

**非酒精性脂肪肝與肥胖相關的基因突變**

江為宸<sup>1</sup> 陳彥渝<sup>2</sup> 黃志富<sup>3,4,5,6</sup> 莊萬龍<sup>4,5,6</sup> 余明隆<sup>4,5,7,8</sup> 王述綺<sup>1,3,8,9,10</sup>

<sup>1</sup>高雄醫學大學醫學檢驗生物技術系 ; <sup>2</sup>高雄醫學大學醫學院 ; <sup>3</sup>高雄醫學大學液體切片中心 ; <sup>4</sup>高雄醫學大學附設醫院肝膽胰內科 ; <sup>5</sup>高雄醫學大學臨床醫學研究所 ; <sup>6</sup>高雄醫學大學醫學院內科學系 ; <sup>7</sup>國立中山大學臨床與實驗醫學系博士班 ; <sup>8</sup>國立中山大學代謝性脂肪肝卓越研究中心 ; <sup>9</sup>高雄醫學大學醫學研究所 ; <sup>10</sup>高雄醫學大學附設醫院醫學研究部

P.054 **THE EFFECTS OF ADRENOCORTICAL AND ANDROGEN SUPPLEMENT IN CIRRHOTIC RATS WITH ACUTE HEMORRHAGE**

Chien-Lin Chang<sup>1</sup>, Hui-Chun Huang<sup>1,2</sup>, Shao-Jung Hsu<sup>1,2</sup>, Ching-Chih Chang<sup>1,2</sup>, Fa-Yauh Lee<sup>1,2</sup>, Ming-Chih Hou<sup>1,2</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Medicine, Taipei Veterans General Hospital, Taipei, Taiwan

<sup>2</sup>School of Medicine, College of Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan

**補充腎上腺皮質素及雄性素對急性出血之肝硬化大鼠的影響**

張建林<sup>1</sup> 黃惠君<sup>1,2</sup> 許劭榮<sup>1,2</sup> 張景智<sup>1,2</sup> 李發耀<sup>1,2</sup> 侯明志<sup>1,2</sup>

<sup>1</sup>臺北榮民總醫院胃腸肝膽科

<sup>2</sup>國立陽明交通大學醫學系

P.055 **ON-DEMAND LOCOREGIONAL THERAPY BENEFITS SURVIVAL IN UNRESECTABLE HEPATOCELLULAR CARCINOMA PATIENTS UNDERGOING SORAFENIB OR LENVATINIB TREATMENT**

Yu-Jui Chang, Hung-Wei Wang, Hsueh-Chou Lai, Wei-Fan Hsu, Che-Wei Chang, Cheng-Yuan Peng

Center for Digestive Medicine, Department of Internal Medicine, China Medical University Hospital, Taichung, Taiwan

**需求導向的局部區域治療有助於提高接受蕾莎瓦或樂衛瑪治療之不可切除肝細胞癌患者的生存率**

張育瑞 王鴻偉 賴學洲 許偉帆 張哲維 彭成元  
中國醫藥大學附設醫院消化醫學中心

P.056 **MONITORING ADHERENCE AND RENAL SAFETY OF NUCLEOS(T)IDE ANALOGUES FOR PATIENTS WITH CHRONIC HEPATITIS B**

Ying-fan Chen<sup>1</sup>, Chia-Chen Hsu<sup>2,3</sup>, Zih-Er Chen<sup>2,3</sup>, Jiing-Chyuan Luo<sup>1,4</sup>, Ming-Chih Hou<sup>1,4</sup>, Chien-Wei Su<sup>4,5,6</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Medicine, Taipei Veterans General Hospital, Taipei, Taiwan

<sup>2</sup>Department of Pharmacy, Taipei Veterans General Hospital, Taipei, Taiwan

<sup>3</sup>Department of Pharmacy, School of Pharmaceutical Sciences, National Yang Ming Chiao Tung University, Taipei, Taiwan

<sup>4</sup>School of Medicine, College of Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan

<sup>5</sup>Institute of Clinical medicine, College of Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan

<sup>6</sup>Division of General Medicine, Department of Medicine, Taipei Veterans General Hospital, Taipei, Taiwan

**慢性 B 型肝炎病人使用口服核苷酸抗病毒藥物之安全性監測與腎功能之影響**

陳膺帆<sup>1</sup> 許家禎<sup>2,3</sup> 陳姿而<sup>2,3</sup> 羅景全<sup>1,4</sup> 侯明志<sup>1,4</sup> 蘇建維<sup>4,5,6</sup>

<sup>1</sup>臺北榮民總醫院胃腸肝膽科

<sup>2</sup>臺北榮民總醫院藥學部

<sup>3</sup>國立陽明交通大學藥學系

<sup>4</sup>國立陽明交通大學醫學系

<sup>5</sup>國立陽明交通大學臨床醫學研究所

<sup>6</sup>臺北榮民總醫院一般內科

P.057 **EVALUATION OF INHIBITORY EFFECT AND MECHANISM OF AMENTOFLAVONE COMBINES WITH REGORAFENIB IN HEPATOCELLULAR CARCINOMA**

Chien-Hua Chen

Digestive Disease Center, Show Chwan Memorial Hospital, Changhua, Taiwan

**評估穗花雙黃酮結合癌瑞格對肝細胞癌的抑制作用與機制**

陳建華

秀傳醫療社團法人秀傳紀念醫院消化系中心

P.058 **EVALUATION OF INHIBITORY EFFICACY AND MECHANISM OF FLUOXETINE IN COMBINATION WITH RADIATION ON HEPATOCELLULAR CARCINOMA**

Chien-Hua Chen

Digestive Disease Center, Show Chwan Memorial Hospital, Changhua, Taiwan

評估百憂解合併放射線對於肝細胞癌的抑制效益與機制

陳建華

秀傳醫療社團法人秀傳紀念醫院消化系中心

P.059 **INSIGHTS FROM A PRELIMINARY COMMUNITY-BASED HCC SCREENING STUDY USING AFP, PIVKA-II, AND ULTRASONOGRAPHY**

Tsu-Zong Yuan<sup>1</sup>, Jing-Houng Wang<sup>1</sup>, Yu-Chen Lin<sup>2</sup>, Wen-Hua Chao<sup>2</sup>, Sheng-Nan Lu<sup>1</sup>

<sup>1</sup>Division of Hepatogastroenterology, Department of Internal Medicine, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, Taiwan

<sup>2</sup>Public Health Bureau, Chiayi County, Chiayi, Taiwan

併用甲型胎兒蛋白 (AFP)、異常凝血酶原 (PIVKA-II) 及超音波作為肝癌社區篩檢的工具

阮致榮<sup>1</sup> 王景弘<sup>1</sup> 林裕珍<sup>2</sup> 趙紋華<sup>2</sup> 盧勝男<sup>1</sup>

<sup>1</sup>高雄長庚紀念醫院胃腸肝膽科

<sup>2</sup>嘉義縣衛生局

P.060 **COMPARATIVE ANALYSIS OF ULTRASOUND-GUIDED VERSUS CT-GUIDED RADIOFREQUENCY ABLATION IN EARLY-STAGE HEPATOCELLULAR CARCINOMA: A SINGLE HOSPITAL EXPERIENCE**

Yueh-An Lee, Pei-Yuan Su, Yu-Chun Hsu, Wei-Wen Su, Yang-Yuan Chen

Division of Gastroenterology and Hepatology, Department of Internal Medicine, Changhua Christian Hospital, Changhua, Taiwan

超音波引導與 CT 引導射頻消融在早期肝細胞癌中的比較分析：單一醫院經驗研究

李約鞍 蘇培元 徐友春 蘇維文 陳洋源

彰化基督教醫院胃腸肝膽科

P.061 **EVALUATION OF CLINICAL OUTCOMES FOR FIRST-LINE LENVATINIB TREATMENT IN PATIENTS WITH NON-VIRAL HEPATOCELLULAR CARCINOMA**

Ju-Yung Tso<sup>1</sup>, Chi-Yu Lee<sup>1</sup>, Tsang-En Wang<sup>1,2,3</sup>, Shih-Ting Huang<sup>1</sup>, Chia-Yuan Liu<sup>1,2,3,4</sup>, Ming-Jen Chen<sup>1,2,3</sup>, Horng-Yuan Wang<sup>1,2,3</sup>, Ching-Wei Chang<sup>1,2,3,4</sup>

<sup>1</sup>Division of Gastroenterology, Department of Internal Medicine, MacKay Memorial Hospital, Taipei, Taiwan

<sup>2</sup>MacKay Junior College of Medicine, Nursing and Management, New Taipei City, Taiwan

<sup>3</sup>MacKay Medical College, New Taipei City, Taiwan

<sup>4</sup>Department of Medical Research, MacKay Memorial Hospital, Taipei, Taiwan

非病毒性肝細胞癌患者使用 Lenvatinib 作為第一線治療的臨床效果評估

左如永<sup>1</sup> 李騏宇<sup>1</sup> 王蒼恩<sup>1,2,3</sup> 黃詩婷<sup>1</sup> 劉家源<sup>1,2,3,4</sup> 陳銘仁<sup>1,2,3</sup> 王鴻源<sup>1,2,3</sup> 張經緯<sup>1,2,3,4</sup>

<sup>1</sup>馬偕紀念醫院胃腸肝膽科

<sup>2</sup>馬偕醫護管理專科學校

<sup>3</sup> 馬偕醫學院

<sup>4</sup> 馬偕紀念醫院醫學研究部

## P.062 **EVALUATION OF THE SECOND-LINE IMMUNOTHERAPY FOR UNRESECTABLE HEPATOCELLULAR CARCINOMA PATIENTS: REAL-WORLD EXPERIENCE FROM A MEDICAL CENTER IN TAIWAN**

Ting-Churn Wong<sup>1</sup>, Chi-Yu Lee<sup>1</sup>, Tsang-En Wang<sup>1,2,3</sup>, Chia-Yuan Liu<sup>1,2,3,4</sup>, Ming-Jen Chen<sup>1,2,3</sup>, Horng-Yuan Wang<sup>1,2,3</sup>, Ching-Wei Chang<sup>1,2,3,4</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, MacKay Memorial Hospital, Taipei, Taiwan

<sup>2</sup>MacKay Junior College of Medicine, Nursing and Management, New Taipei City, Taiwan

<sup>3</sup>MacKay Medical College, New Taipei City, Taiwan

<sup>4</sup>Department of Medical Research, MacKay Memorial Hospital, Taipei, Taiwan

不可切除肝細胞癌患者的二線免疫治療評估：台灣某醫療中心的實際經驗

翁鼎淳<sup>1</sup> 李騏宇<sup>1</sup> 王蒼恩<sup>1,2,3</sup> 劉家源<sup>1,2,3,4</sup> 陳銘仁<sup>1,2,3</sup> 王鴻源<sup>1,2,3</sup> 張經緯<sup>1,2,3,4</sup>

<sup>1</sup> 馬偕紀念醫院胃腸肝膽科

<sup>2</sup> 馬偕醫護管理專科學校

<sup>3</sup> 馬偕醫學院

<sup>4</sup> 馬偕紀念醫院臨床試驗管理中心

## P.063 **PERSISTENT HCV-INDUCED MIRNA EXPRESSION IN THE PROGRESSION OF HEPATOCELLULAR CARCINOMA**

Wen-Hsiu Su<sup>1</sup>, Ciniso Sylvester Shabangu<sup>2</sup>, Jee-Fu Huang<sup>3</sup>, Chia-Yen Dai<sup>3</sup>, Wan-Long Chuang<sup>3</sup>, Ming-Lung Yu<sup>3</sup>, Shu-Chi Wang<sup>1,2</sup>

<sup>1</sup>Department of Medical Laboratory Science and Biotechnology, Kaohsiung Medical University, Kaohsiung, Taiwan

<sup>2</sup>Graduate Institute of Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan

<sup>3</sup>Division of Hepatobiliary, Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan

長期 HCV 誘導的肝癌過程中其 miRNA 的表達

蘇玟秀<sup>1</sup> 辛仁碩<sup>2</sup> 黃志富<sup>3</sup> 戴嘉言<sup>3</sup> 莊萬龍<sup>3</sup> 余明隆<sup>3</sup> 王述綺<sup>1,2</sup>

<sup>1</sup> 高雄醫學大學醫學檢驗生物技術學系

<sup>2</sup> 高雄醫學大學醫學研究所

<sup>3</sup> 高雄醫學大學附設中和紀念醫院肝膽胰內科

## P.064 **INVESTIGATING THE IMPACT OF FERROPTOSIS IN A HIGH-FAT/HIGH-ROS MAFLD ENVIRONMENT**

Chi-Sheng Chen<sup>1</sup>, Jee-Fu Huang<sup>2</sup>, Chia-Yen Dai<sup>2</sup>, Wan-Long Chuang<sup>2</sup>, Ming-Lung Yu<sup>2</sup>, Shu-Chi Wang<sup>1</sup>

<sup>1</sup>Department of Medical Laboratory Science and Biotechnology, Kaohsiung Medical University, Kaohsiung, Taiwan

<sup>2</sup>Division of Hepatobiliary, Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan

## 研究在高脂和高氧化壓力的環境下鐵依賴性細胞凋亡對代謝性脂肪肝疾病的影響

陳祺聖<sup>1</sup> 黃志富<sup>2</sup> 戴嘉言<sup>2</sup> 莊萬龍<sup>2</sup> 余明隆<sup>2</sup> 王述綺<sup>1</sup>

<sup>1</sup> 高雄醫學大學醫學檢驗生物技術學系

<sup>2</sup> 高雄醫學大學附設中和紀念醫院肝膽胰內科

## P.065 A HIGHER PERCENTAGE OF M2 MACROPHAGES IN NON-TUMOR PART PREDICT THE TUMOR RECURRENCE IN PATIENTS WITH HEPATOCELLULAR CARCINOMA AFTER SURGICAL RESECTION

Po-Ting Lin<sup>1</sup>, Wei-Ting Ku<sup>2</sup>, Tsung-Han Wu<sup>3</sup>, Cheng-Heng Wu<sup>1</sup>, Chan-Keng Yang<sup>4</sup>, Teng Wei<sup>1</sup>, Yung-Chang Lin<sup>4</sup>, Chun-Yen Lin<sup>1</sup>

<sup>1</sup>Department of Gastroenterology and Hepatology, Chang Gung Memorial Hospital, Linkou Branch, Taoyuan, Taiwan

<sup>2</sup>Chang Gung University, Taoyuan, Taiwan

<sup>3</sup>Department of General surgery, Chang Gung Memorial Hospital, Linkou Branch, Taoyuan, Taiwan

<sup>4</sup>Department of Hematology-Oncology, Chang Gung Memorial Hospital, Linkou Branch, Taoyuan, Taiwan

## 非腫瘤部分中較高比例的 M2 巨噬細胞可預測肝細胞癌患者手術切除後的腫瘤復發

林伯庭<sup>1</sup> 古唯鼎<sup>2</sup> 吳宗翰<sup>3</sup> 吳承衡<sup>1</sup> 楊展庚<sup>4</sup> 滕威<sup>1</sup> 林永昌<sup>4</sup> 林俊彥<sup>1</sup>

<sup>1</sup> 林口長庚紀念醫院胃腸肝膽科

<sup>2</sup> 長庚大學

<sup>3</sup> 林口長庚紀念醫院一般外科

<sup>4</sup> 林口長庚紀念醫院血液腫瘤科

## P.066 EPIDEMIOLOGICAL TRENDS AND RISK ANALYSIS OF NAFLD IN SOUTHERN TAIWAN

Tzu-Chun Lin<sup>1</sup>, Po-Cheng Liang<sup>1</sup>, Pei-Chien Tsai<sup>1</sup>, Chung-Feng Huang<sup>1,2</sup>, Tyng-Yuan Jang<sup>1</sup>, Yi-Hung Lin<sup>1</sup>, Chih-Wen Wang<sup>1,2</sup>, Ming-Lun Yeh<sup>1,2</sup>, Jee-Fu Huang<sup>1,2</sup>, Wan-Long Chuang<sup>1,2</sup>, Ming-Lung Yu<sup>1,2</sup>, Chia-Yen Dai<sup>1,2</sup>

<sup>1</sup>Hepatobiliary Division, Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan

<sup>2</sup>School of Medicine, College of Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan

## 台灣南部非酒精性脂肪肝流行病學趨勢及風險分析

林姿君<sup>1</sup> 梁博程<sup>1</sup> 蔡佩倩<sup>1</sup> 黃鈞峰<sup>1,2</sup> 張庭遠<sup>1</sup> 林宜竝<sup>1</sup> 王志文<sup>1,2</sup> 葉明倫<sup>1,2</sup> 黃志富<sup>1,2</sup> 莊萬龍<sup>1,2</sup> 余明隆<sup>1,2</sup> 戴嘉言<sup>1,2</sup>

<sup>1</sup> 高雄醫學大學附設中和紀念醫院肝膽胰內科

<sup>2</sup> 高雄醫學大學醫學系

## P.067 EFFECTIVENESS OF IMMUNOTHERAPY FOR ADVANCED HEPATOCELLULAR CARCINOMA WITH OR WITHOUT PERITONEAL CARCINOMATOSIS

Tzu-Chun Hong, Juei-Seng Wu, Wei-Ting Chen, Ting-Tsung Chang, Chiung-Yu Chen, Chiao-Hsiung Chuang, Po-Jun Chen, Ming-Tsung Hsieh, Hsin-Yu Kuo

Department of Internal Medicine, National Cheng Kung University Hospital, College of Medicine,  
National Cheng Kung University, Tainan, Taiwan

## 免疫療法對於有或無腹膜轉移之晚期肝細胞癌的療效比較

洪子鈞 吳叡森 陳威廷 張定宗 陳炯瑜 莊喬雄 陳柏潤 謝名宗 郭欣瑜  
國立成功大學醫學院附設醫院內科部

### P.068 **THE IMPACT OF PD-1<sup>+</sup> INNATE-LIKE T CELLS ON THE HBSAG REDUCTION IN ACTIVE CHRONIC HEPATITIS B PATIENTS RECEIVING NUCLEOS(T)IDE ANALOGUE THERAPY**

Hsiang-Wei Huang<sup>1</sup>, Wen-Juei Jeng<sup>1,2</sup>, Chia-Wei Lin<sup>1</sup>, Jian-He Fan<sup>1</sup>, Yen-Chun Liu<sup>1,2</sup>,  
Wei-Ting Ku<sup>1</sup>, Cheng-Heng Wu<sup>1</sup>, Chien-Hao Huang<sup>1,2</sup>, Chun-Yen Lin<sup>1,2</sup>

<sup>1</sup>Department of Gastroenterology and Hepatology, Chang Gung Memorial Hospital, Linkou  
Medical Center, Taoyuan, Taiwan

<sup>2</sup>College of Medicine, Chang Gung University, Taoyuan, Taiwan

## PD-1<sup>+</sup> 類先天性 T 細胞對發炎狀態的慢性 B 型肝炎患者接受核苷（酸）類藥物治療後 B 型肝炎表面抗原定量減少程度的影響

黃祥瑋<sup>1</sup> 鄭文睿<sup>1,2</sup> 林家緯<sup>1</sup> 方健合<sup>1</sup> 劉彥君<sup>1,2</sup> 古唯鼎<sup>1</sup> 吳承衡<sup>1</sup> 黃建豪<sup>1,2</sup> 林俊彥<sup>1,2</sup>

<sup>1</sup> 林口長庚紀念醫院胃腸肝膽科系

<sup>2</sup> 長庚大學醫學院

### P.069 **A POINT-OF-CARE MODEL FOR HEPATITIS C SCREENING IN REMOTE ISLANDS OF TAIWAN**

Tzu-Chun Lin<sup>1</sup>, Pei-Chien Tsai<sup>1</sup>, Chung-Feng Huang<sup>1,2</sup>, Ming-Lun Yeh<sup>1,2</sup>, Chia-Yen Dai<sup>1,2</sup>,  
Ming-Lung Yu<sup>1,2</sup>, Wan-Long Chuang<sup>1,2</sup>, Jee-Fu Huang<sup>1-3</sup>

<sup>1</sup>Hepatobiliary Division, Department of Internal Medicine, Kaohsiung Medical University Hospital,  
Kaohsiung Medical University, Kaohsiung, Taiwan

<sup>2</sup>Center of Excellence for Metabolic Associated Fatty Liver Disease, National Sun Yat-sen  
University, Kaohsiung, Taiwan

<sup>3</sup>Hepatitis Center, Kaohsiung Medical University Hospital, Kaohsiung Medical University,  
Kaohsiung, Taiwan

## 台灣偏遠離島 C 型肝炎篩檢之定點照護模式

林姿君<sup>1</sup> 蔡佩倩<sup>1</sup> 黃鈞峰<sup>1,2</sup> 葉明倫<sup>1,2</sup> 戴嘉言<sup>1,2</sup> 余明隆<sup>1,2</sup> 莊萬龍<sup>1,2</sup> 黃志富<sup>1-3</sup>

<sup>1</sup> 高雄醫學大學附設中和紀念醫院肝膽胰內科

<sup>2</sup> 國立中山大學代謝相關脂肪肝病卓越中心

<sup>3</sup> 高雄醫學大學附設中和紀念醫院肝炎中心

### P.070 **COMPARATIVE ANALYSIS OF FIBROSCAN AND ULTRASOUND FOR ASSESSING LIVER ENZYME CORRELATION IN TEENAGERS WITH FATTY LIVER DISEASE**

Po-Cheng Liang, Chung-Feng Huang, Ming-Lun Yeh, Jee-Fu Huang, Ming-Lung Yu,  
Wan-Long Chuang, Chia-Yen Dai

Division of Hepatobiliary, Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan

### 脂肪肝青少年的肝功能相關性評估中 Fibroscan 纖維化掃描與超音波的比較分析

梁博程 黃鈞峰 葉明倫 黃志富 余明隆 莊萬龍 戴嘉言  
高雄醫學大學附設中和紀念醫院肝膽胰內科

### P.071 CRISPR/CAS9-MEDIATED TLR4 KNOCKOUT ATTENUATES HEPATOCELLULAR CARCINOMA PROGRESSION IN MICE VIA THE KINETICS OF MYELOID-DERIVED SUPPRESSOR CELL SUBSETS

Chi-Chen Cheng<sup>1</sup>, Hsiao-Ping Chen<sup>2,3,4</sup>, He-Yu Kuo<sup>5</sup>, Pei-Han Fan<sup>5</sup>, Jie-Lun Ku<sup>1</sup>, Cheng-Hao Kuo<sup>1,6</sup>, Li-Ling Wu<sup>3,4,5</sup>, Chun-Ying Wu<sup>3,4,7</sup>

<sup>1</sup>School of Medicine, College of Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan

<sup>2</sup>Division of Translational Research, Taipei Veterans General Hospital, Taipei, Taiwan

<sup>3</sup>Microbiota Research Center, National Yang Ming Chiao Tung University, Taipei, Taiwan

<sup>4</sup>Health Innovation Center, National Yang Ming Chiao Tung University, Taipei, Taiwan

<sup>5</sup>National Yang Ming Chiao Tung University, Department and Institute of physiology, Taipei, Taiwan

<sup>6</sup>Institute of Clinical Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan

<sup>7</sup>Institute of Biomedical Informatics, National Yang Ming Chiao Tung University, Taipei, Taiwan

### CRISPR/Cas9 敲除 TLR4 小鼠透過調節骨髓衍生抑制細胞 (MDSC) 亞群減緩肝癌進展

鄭祺臻<sup>1</sup> 陳筱萍<sup>2,3,4</sup> 郭賀喻<sup>5</sup> 范沛涵<sup>5</sup> 古杰倫<sup>1</sup> 郭正浩<sup>1,6</sup> 吳莉玲<sup>3,4,5</sup> 吳俊穎<sup>3,4,7</sup>

<sup>1</sup> 國立陽明交通大學醫學系

<sup>2</sup> 臺北榮民總醫院轉譯研究科

<sup>3</sup> 國立陽明交通大學微菌叢研究中心

<sup>4</sup> 國立陽明交通大學健康創新中心

<sup>5</sup> 國立陽明交通大學生理學科暨研究所

<sup>6</sup> 國立陽明交通大學臨床醫學研究所

<sup>7</sup> 國立陽明交通大學生物資訊及系統生物研究所

### P.072 COMPARING LENVATINIB/PEMBROLIZUMAB VS. ATEZOLIZUMAB/BEVACIZUMAB IN UNRESECTABLE HEPATOCELLULAR CARCINOMA: A REAL-WORLD EXPERIENCE

Yu-Chun Hsu<sup>1</sup>, Po-Ting Lin<sup>1</sup>, Wei Teng<sup>1</sup>, Yi-Chung Hsieh<sup>1</sup>, Wei-Ting Chen<sup>1</sup>, Chung-Wei Su<sup>1</sup>, Ching-Ting Wang<sup>2</sup>, Pei-Mei Chai<sup>2</sup>, Chen-Chun Lin<sup>3</sup>, Chun-Yen Lin<sup>1</sup>, Shi-Ming Lin<sup>1</sup>

<sup>1</sup>Department of Gastroenterology and Hepatology, Chang Gung Memorial Hospital, Linkou Branch, Taoyuan, Taiwan

<sup>2</sup>Department of Nursing, Chang Gung Memorial Hospital, Linkou Branch, Taoyuan, Taiwan

<sup>3</sup>Department of Gastroenterology and Hepatology, New Taipei Municipal Tucheng Hospital, New Taipei City, Taiwan

### 比較樂衛瑪合併吉舒達與癌自禦合併癌思停在不可切除肝細胞癌的真实世界經驗

徐毓均<sup>1</sup> 林伯庭<sup>1</sup> 滕威<sup>1</sup> 謝彞中<sup>1</sup> 陳威廷<sup>1</sup> 蘇崇維<sup>1</sup> 王靜婷<sup>2</sup> 柴佩鎂<sup>2</sup> 林成俊<sup>3</sup> 林俊彥<sup>1</sup> 林錫銘<sup>1</sup>

- <sup>1</sup> 林口長庚紀念醫院胃腸肝膽科
- <sup>2</sup> 林口長庚紀念醫院護理部
- <sup>3</sup> 新北市立土城醫院胃腸肝膽科

## P.073 **IN-HOSPITAL HCV-FREE ENDOSCOPE PROCEDURES PROJECT (CEPP): A SINGLE CENTER STUDY IN TAIWAN**

Benjamin Lih-Ren Hsieh<sup>1</sup>, Yen-Ting Kuo<sup>2</sup>, Ming-Yen Hsieh<sup>1,3</sup>, Yu-Ju Wei<sup>1,3,4</sup>, Ming-Lun Yeh<sup>1,4,6</sup>, Chung-Feng Huang<sup>1,4</sup>, Chia-Yen Dai<sup>1,4,6</sup>, Jee-Fu Huang<sup>1,4,5,6</sup>, Ming-Lung Yu<sup>1,4,5,6</sup>, Wan-Long Chuang<sup>1,4</sup>

<sup>1</sup>Hepatobiliary Division, Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan

<sup>2</sup>Department of Administration, Kaohsiung Municipal Ta-Tung Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan

<sup>3</sup>Department of Internal Medicine, Kaohsiung Municipal Ta-Tung Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan

<sup>4</sup>School of Medicine, College of Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan

<sup>5</sup>Hepatitis Center, Kaohsiung Medical University Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan

<sup>6</sup>Center of Excellence for Metabolic Associated Fatty Liver Disease, National Sun Yat-sen University, Kaohsiung, Taiwan

### 院內內視鏡檢查 C 型肝炎根除計畫

謝礪仁<sup>1</sup> 郭媽婷<sup>2</sup> 謝明彥<sup>3,4</sup> 魏鈺儒<sup>1,3,4</sup> 葉明倫<sup>1,3</sup> 黃鈞峰<sup>1,3</sup> 戴嘉言<sup>1,3,5</sup> 余明隆<sup>1,3,5,6</sup> 莊萬龍<sup>1,3</sup> 黃志富<sup>1,3,5,6</sup>

<sup>1</sup> 高雄醫學大學附設中和紀念醫院肝膽胰內科

<sup>2</sup> 高雄市立大同醫院行政部門

<sup>3</sup> 高雄醫學大學附設中和紀念醫院肝膽胰內科

<sup>4</sup> 高雄市立大同醫院內科部

<sup>5</sup> 國立中山大學代謝異常脂肪肝卓越研究中心

<sup>6</sup> 高雄醫學大學附設中和紀念醫院肝炎防治中心

## P.074 **PHASE 1 STUDY FOR THE EVALUATION OF SAFETY AND EFFICACY OF T-ACE OIL USED IN TAE/TACE FOR HCC TREATMENT**

Hung-Chih Chiu<sup>1</sup>, Yi-Sheng Liu<sup>2</sup>, Huei-Lung Liang<sup>3</sup>, Wei-Lun Tsai<sup>4</sup>, Tung-Hung Su<sup>5</sup>, Po-Chin Liang<sup>6</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, National Cheng Kung University Hospital, College of Medicine, National Cheng Kung University, Tainan, Taiwan

<sup>2</sup>Department of Diagnostic Radiology, National Cheng Kung University Hospital, College of Medicine, National Cheng Kung University, Tainan, Taiwan

<sup>3</sup>Department of Radiology, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan

<sup>4</sup>Division of General Internal Medicine, Department of Internal Medicine, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan

<sup>5</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

<sup>6</sup>Departments of Medical Imaging and Radiology, National Taiwan University Hospital and College of Medicine, Taipei, Taiwan

## 一項使用大員油 (T-ACE Oil) 以肝動脈栓塞或肝動脈栓塞化學療法用於肝細胞癌 病人之第一期試驗

邱宏智<sup>1</sup> 劉益勝<sup>2</sup> 梁慧隆<sup>3</sup> 蔡維倫<sup>4</sup> 蘇東弘<sup>5</sup> 梁博欽<sup>6</sup>

<sup>1</sup> 國立成功大學醫學院附設醫院胃腸肝膽科

<sup>2</sup> 國立成功大學醫學院附設醫院影像醫學部

<sup>3</sup> 高雄榮民總醫院放射線部

<sup>4</sup> 高雄榮民總醫院內科部

<sup>5</sup> 國立臺灣大學醫學院附設醫院胃腸肝膽科

<sup>6</sup> 國立臺灣大學醫學院附設醫院影像醫學部

## P.075 POST-TREATMENT OCCURRENCE OF SERUM CRYOGLOBULINEMIA IN CHRONIC HEPATITIS C PATIENTS

Gantogtokh Dashjamts<sup>1</sup>, Amin-Erdene Ganzorig<sup>1</sup>, Yumchinsuren Tsendorj<sup>1</sup>, Dolgion Daramjav<sup>1</sup>, Ganchimeg Dondov<sup>1</sup>, Otgongerel Nergui<sup>1</sup>, Tegshjargal Badamjav<sup>1</sup>, Chung-Feng Huang<sup>2</sup>, Po-Cheng Liang<sup>2</sup>, Tulгаа Lonjid<sup>1</sup>, Batbold Batsaikhan<sup>1,3</sup>, Chia-Yen Dai<sup>2,4,5</sup>

<sup>1</sup>Department of Internal Medicine, Institute of Medical Sciences, Mongolian National University of Medical Sciences, Ulaanbaatar, Mongolia

<sup>2</sup>Department of Internal Medicine and Department of Occupational and Environmental Medicine, Kaohsiung Medical University Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan

<sup>3</sup>Department of Health Research, Graduate School, Mongolian National University of medical Sciences, Ulaanbaatar, Mongolia

<sup>4</sup>Ph.D. Program in Environmental and Occupational Medicine, and Drug Development and Value Creation Research Center, Kaohsiung Medical University, Kaohsiung, Taiwan

<sup>5</sup>College of Professional Studies, National Pingtung University of Science and Technology, Pingtung, Taiwan

## P.076 CLINICAL OUTCOMES OF ALCOHOL-ASSOCIATED LIVER DISEASE IN A MEDICAL CENTER IN TAIWAN

Chun-Ming Hong<sup>1</sup>, Tung-Hung Su<sup>2</sup>, Shih-Jer Hsu<sup>2</sup>, Tai-Chung Tseng<sup>3</sup>, Chen-Hua Liu<sup>2</sup>, Hung-Chih Yang<sup>2</sup>, Shang-Chin Huang<sup>4</sup>, Jia-Horng Kao<sup>2</sup>, Chun-Jen Liu<sup>2</sup>, Pei-Jer Chen<sup>2</sup>

<sup>1</sup>Division of Hospital Medicine, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

<sup>2</sup>Division of Gastroenterology, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

<sup>3</sup>Department of Medical Research, National Taiwan University Hospital, Taipei, Taiwan

<sup>4</sup>Department of Internal Medicine, National Taiwan University Hospital Bei-Hu Branch, Taipei, Taiwan

## P.077 THE RAPID REDUCTION RATE WAS SIGNIFICANTLY LOWER IN GREY ZONE HBEAG-NEGATIVE PATIENTS WHO STARTED ANTIVIRAL THERAPY COMPARED TO THOSE WITH ACTIVE HEPATITIS

Yen-Chun Liu<sup>1,2</sup>, Wen-Juei Jeng<sup>1,2</sup>, Rong-Nan Chien<sup>1,2</sup>

<sup>1</sup>Department of Gastroenterology and Hepatology, Chang Gung Memorial Hospital, Linkou Branch, Taoyuan, Taiwan

<sup>2</sup>College of Medicine, Chang Gung University, Taoyuan, Taiwan

P.078 **PREVALENCE OF METABOLIC DYSFUNCTION–ASSOCIATED FATTY LIVER DISEASE AMONG ADULTS IN ULAANBAATAR, MONGOLIA**

Dolgion Daramjav, Yumchinsuren Tsendendorj, Ganchimeg Dondov, Tegshjargal Badamjav, Batbold Batsaikhan, Lonjid Tulgaa

Department of Internal Medicine, Institute of Medical Sciences, Mongolian National University of Medical Sciences, Ulaanbaatar, Mongolia

P.079 **ASSOCIATED FACTORS TO INCREASE ON ESTIMATED GLOMERULAR FILTRATION RATE IN CHRONIC HEPATITIS C PATIENTS**

Gantsetseg Gantumur<sup>1</sup>, Dolgion Daramjav<sup>1</sup>, Yumchinsuren Tsendendorj<sup>1</sup>, Amin-Erdene Ganzorig<sup>1</sup>, Enkhmend Khayankhyarvaa<sup>1</sup>, Gantogtokh Dashjamts<sup>1</sup>, Tegshjargal Badamjav<sup>1</sup>, Tulgaa Lonjid<sup>1</sup>, Batbold Batsaikhan<sup>1,2</sup>

<sup>1</sup>Department of Internal Medicine, Institute of Medical Sciences, Mongolian National University of Medical Sciences, Ulaanbaatar, Mongolia

<sup>2</sup>Department of Health Research, Graduate School, Mongolian National University of Medical Sciences, Ulaanbaatar, Mongolia

P.080 **THE ASSOCIATION BETWEEN HEPATITIS B, C VIRUS INFECTION AND RENAL FUNCTION**

Gantsetseg Gantumur<sup>1</sup>, Amin-Erdene Ganzorig<sup>1</sup>, Enkhmend Khayankhyarvaa<sup>1</sup>, Gantogtokh Dashjamts<sup>1</sup>, Batbold Batsaikhan<sup>1,2</sup>

<sup>1</sup>Department of Internal Medicine, Institute of Medical Sciences, Mongolian National University of Medical Sciences, Ulaanbaatar, Mongolia

<sup>2</sup>Department of Health Research, Graduate School, Mongolian National University of Medical Sciences, Ulaanbaatar, Mongolia

## Poster

### Gastroenterology

P.081 **ENDOSCOPIC ULTRASOUND-GUIDED COIL INJECTION FOR GASTRIC VARICES: INITIAL EXPERIENCE IN A TAIWANESE MEDICAL CENTER**

Jung-Chun Lin<sup>1</sup>, Hsing-Hao Ho<sup>2</sup>, Tien-Yu Huang<sup>1</sup>, Peng-Jen Chen<sup>1</sup>, Tsai-Yuan Hsieh<sup>1</sup>, Wei-Kuo Chang<sup>1</sup>

<sup>1</sup>Division of Gastroenterology, Department of Internal Medicine, Tri-Service General Hospital, National Defense Medical Center, Taipei, Taiwan

<sup>2</sup>Department of Radiology, Tri-Service General Hospital, National Defense Medical Center, Taipei, Taiwan

內視鏡超音波引導下栓塞線圈注射治療胃靜脈曲張：台灣醫學中心初步經驗

林榮鈞<sup>1</sup> 何幸豪<sup>2</sup> 黃天祐<sup>1</sup> 陳鵬仁<sup>1</sup> 謝財源<sup>1</sup> 張維國<sup>1</sup>

<sup>1</sup> 國防醫學院三軍總醫院胃腸科

<sup>2</sup> 國防醫學院三軍總醫院放射診斷部

P.082 **THE EFFECTIVENESS OF ENDOSCOPIC ARGON PLASMA COAGULATION ABLATION V.S. PROTON PUMP INHIBITORS FOR THE LARYNGOPHARYNGEAL SYMPTOMS IN SYMPTOMATIC CERVICAL INLET PATCHES: A FIRST CASE SERIES IN ASIA-PACIFIC REGION**

Yoen-Young Chuah<sup>1,2</sup>, Lian-Feng Lin<sup>1</sup>, Chia-Jung Kuo<sup>1</sup>, Seng-Howe Nguang<sup>1</sup>, Yi-Chun Chan<sup>1</sup>, Chung-Fong Lin<sup>1</sup>, Lin-Suei Jhang<sup>1</sup>, Yeong Yeh Lee<sup>3</sup>, Chu-Kuang Chou<sup>4</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Ping Tung Christian Hospital, Pingtung, Taiwan

<sup>2</sup>Department of Nursing, Mei Ho University, Pingtung, Taiwan

<sup>3</sup>Department of Medicine, School of Medical Sciences, Universiti Sains Malaysia, Kubang Kerian, Kelantan, Malaysia

<sup>4</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Ditmanson Medical Foundation Chia-Yi Christian Hospital, Chiayi, Taiwan

內視鏡氬氣電漿凝固消融術與質子泵抑制劑對有症狀食道入口斑塊患者咽喉症狀的療效比較：亞太地區首例病例系列研究

蔡元榮<sup>1,2</sup> 林連豐<sup>1</sup> 郭志榮<sup>1</sup> 阮盛豪<sup>1</sup> 詹益群<sup>1</sup> 林群峰<sup>1</sup> 張琳遂<sup>1</sup> 李永葉<sup>3</sup> 周莒光<sup>4</sup>

<sup>1</sup> 屏東基督教醫院胃腸肝膽科

<sup>2</sup> 美和科技大學護理系

<sup>3</sup> 馬來西亞理科學醫學院

<sup>4</sup> 嘉義基督教醫院胃腸肝膽科

P.083 **MULTIPLE DRAINAGE APPROACHES TO DRAIN A MAXIMUM OF LIVER SEGMENTS DID NOT IMPROVE CLINICAL OUTCOMES IN PALLIATIVE DRAINAGE OF MALIGNANT HIGH GRADE BILIARY STRICTURES**

Tung-Yen Lin<sup>1,2</sup>, Yu-Ting Kuo<sup>1,2,3</sup>, Jia-Kuo Chen<sup>4</sup>, Hung-Yao Lin<sup>1,2</sup>, Sheng-Jie Chang<sup>1,2</sup>, Chi Ko<sup>1,2</sup>, Hsiu-Po Wang<sup>1,2</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

<sup>2</sup>Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

<sup>3</sup>Division of Endoscopy, Department of Integrated Diagnostics and Therapeutics, National Taiwan University Hospital, Taipei, Taiwan

<sup>4</sup>Department of Internal Medicine, Kinmen Hospital, Ministry of Health and Welfare, Kinmen, Taiwan

## 最大限度姑息性膽道引流對於高度惡性膽道狹窄無法增加顯著預後

林東彥<sup>1,2</sup> 郭雨庭<sup>1,2,3</sup> 陳嘉國<sup>4</sup> 林弘堯<sup>1,2</sup> 張勝傑<sup>1,2</sup> 葛齊<sup>1,2</sup> 王秀伯<sup>1,2</sup>

<sup>1</sup> 國立臺灣大學醫學院附設醫院胃腸肝膽科

<sup>2</sup> 國立臺灣大學醫學院附設醫院內科部

<sup>3</sup> 國立臺灣大學醫學院附設醫院內視鏡科

<sup>4</sup> 衛生福利部金門醫院內科部

## P.084 **IMPACT OF PERIOD AND BIRTH-COHORT ON THE TEMPORAL TREND OF ADVANCED NEOPLASMS PREVALENCE IN THE 40–49 AVERAGE-RISK SCREENING POPULATION**

Hsu-Hua Tseng<sup>1</sup>, Chiu-Wen Su<sup>1</sup>, Wen-Chen Chang<sup>1</sup>, Wei-Yuan Chang<sup>2</sup>, Wen-Feng Hsu<sup>1</sup>, Li-Chun Chang<sup>1</sup>, Ming-Shiang Wu<sup>1</sup>, Han-Mo Chiu<sup>1</sup>

<sup>1</sup>Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

<sup>2</sup>Department of Internal Medicine, National Taiwan University Cancer Center, Taipei, Taiwan

## 不同年代與出生世代對 40–49 歲一般風險篩檢族群大腸進行性腺瘤盛行率歷年變化之影響

曾旭華<sup>1</sup> 蘇秋文<sup>1</sup> 張文禎<sup>1</sup> 張為淵<sup>2</sup> 許文峰<sup>1</sup> 張立群<sup>1</sup> 吳明賢<sup>1</sup> 邱瀚模<sup>1</sup>

<sup>1</sup> 國立臺灣大學醫學院附設醫院內科部

<sup>2</sup> 國立臺灣大學醫學院附設醫院癌醫中心分院內科部

## P.085 **TIMING IN ENDOSCOPIC INTERVENTION FOR ESOPHAGEAL SHARP-POINTED FOREIGN BODY REMOVAL: BALANCING SWIFTNESS AND EFFICIENCY**

Po-Han Huang<sup>1,2</sup>, Ming-Jen Chen<sup>1,2,3</sup>

<sup>1</sup>Division of Gastroenterology, Department of Internal Medicine, MacKay Memorial Hospital, Taipei, Taiwan

<sup>2</sup>Department of Medicine, MacKay Medical College, New Taipei City, Taiwan

<sup>3</sup>MacKay Junior College of Medicine, Nursing and Management, New Taipei City, Taiwan

## 食道尖銳異物的內視鏡介入時機：速與效的平衡

黃柏翰<sup>1,2</sup> 陳銘仁<sup>1,2,3</sup>

<sup>1</sup> 馬偕紀念醫院胃腸肝膽科

<sup>2</sup> 馬偕醫學院醫學系

<sup>3</sup> 馬偕醫護管理專科學校

P.086 **A MULTICENTER STUDY OF ENDOSCOPIC RESECTION FOR GASTRIC MYOGENIC TUMORS**

Chih-Tsung Fan<sup>1</sup>, Tze-Yu Shieh<sup>2</sup>, Wen-Hung Hsu<sup>3</sup>, Hsi-Yuan Chien<sup>4</sup>, Ching-Tai Lee<sup>5</sup>, Wei-Chen Tai<sup>6</sup>, Sz-luan Shiu<sup>7,8,9</sup>, I-Ching Cheng<sup>10</sup>, Chen-Shuan Chung<sup>1,11</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Far Eastern Memorial Hospital, New Taipei City, Taiwan; <sup>2</sup>Division of Gastroenterology, Department of Internal Medicine, Mackay Memorial Hospital, Taipei, Taiwan; <sup>3</sup>Division of Gastroenterology, Kaohsiung Medical University Chung-Ho Memorial Hospital, Kaohsiung, Taiwan; <sup>4</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Taipei Medical University Hospital, Taipei, Taiwan; <sup>5</sup>Department of Endoscopy, E-Da Hospital and I-Shou University, Kaohsiung, Taiwan; <sup>6</sup>Division of Hepatogastroenterology, Department of Internal Medicine, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, Taiwan; <sup>7</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Taichung Veterans General Hospital, Taichung, Taiwan; <sup>8</sup>Department of Critical Care Medicine, Taichung Veterans General Hospital, Taichung, Taiwan; <sup>9</sup>Department of Internal Medicine, Yang Ming Chiao Tung University, Taipei, Taiwan; <sup>10</sup>Division of Gastroenterology, Department of Medicine, Taiwan Adventist Hospital, Taipei, Taiwan; <sup>11</sup>School of Medicine, Fu Jen Catholic University, New Taipei City, Taiwan

**以內視鏡切除胃肌肉層腫瘤：一個多中心研究**

范之仲<sup>1</sup> 謝子鈺<sup>2</sup> 許文鴻<sup>3</sup> 簡錫淵<sup>4</sup> 李青泰<sup>5</sup> 戴維震<sup>6</sup> 許斯淵<sup>7,8,9</sup> 鄭以勤<sup>10</sup> 鍾承軒<sup>1,11</sup>

<sup>1</sup> 亞東紀念醫院肝膽胃腸科 ; <sup>2</sup> 馬偕紀念醫院胃腸肝膽科 ; <sup>3</sup> 高雄醫學大學附設中和紀念醫院胃腸內科 ; <sup>4</sup> 臺北醫學大學附設醫院消化內科 ; <sup>5</sup> 義大醫療財團法人義大醫院 ; <sup>6</sup> 高雄長庚紀念醫院胃腸肝膽科 ; <sup>7</sup> 臺中榮民總醫院胃腸肝膽科 ; <sup>8</sup> 臺中榮民總醫院重症醫學部 ; <sup>9</sup> 國立陽明交通大學內科學系 ; <sup>10</sup> 基督復臨安息日會醫療財團法人臺安醫院胃腸肝膽科 ; <sup>11</sup> 天主教輔仁大學醫學系

P.087 **EVALUATION OF EFFECT OF LENVATINIB ON NF-KB SIGNALING-MEDIATED SURVIVAL AND INVASION IN COLORECTAL CANCER CELLS**

Chien-Hua Chen

Digestive Disease Center, Show Chwan Memorial Hospital, Changhua, Taiwan

**評估樂衛瑪對 NF-KB 訊號介導大腸直腸癌細胞存活和侵襲的影響**

陳建華

秀傳醫療社團法人秀傳紀念醫院消化系中心

P.088 **THE FACTORS ASSOCIATED WITH ESOPHAGEAL STRICTURE AFTER ENDOSCOPIC SUBMUCOSAL DISSECTION FOR SUB-CIRCUMFERENTIAL OR CIRCUMFERENTIAL SUPERFICIAL ESOPHAGEAL SQUAMOUS CELL CARCINOMA**

Kazuki Yamamoto, Masakatsu Fukuzawa, Takahiro Muramatsu, Midori Mizumachi, Satoshi Shimai, Miki Wada, Tomohiro Ida, Haruki Kaizuka, Kenichi Tadokoro, Fumito Yamanishi, Yasuyuki Kagawa, Takashi Morise, Yoshiya Yamauchi, Shin Kono, Sakiko Naito, Takao Itoi  
Department of Gastroenterology and Hepatology, Tokyo Medical University Hospital, Tokyo, Japan

**P.089 PERIAMPULLARY DIVERTICULUM DID NOT INCREASE THE PROCEDURE TIME OF ENDOSCOPIC RETROGRADE CHOLANGIOPANCREATOGRAPHY**

Yi-Chia Chen, Chun-Chi Yang, Su-Hung Wang, I-Che Feng

Division of Hepatogastroenterology, Department of Internal Medicine, Chi Mei Medical Center, Tainan, Taiwan

壺腹旁憩室並不增加經內視鏡逆行性膽胰管攝影術的手術時間

陳奕嘉 楊峻棋 王宿鴻 馮意哲

奇美醫院胃腸肝膽科

**P.090 ASSOCIATION BETWEEN MULTIPLE DIMINUTIVE VERSUS SMALL ADENOMAS AND THE RISK OF METACHRONOUS ADVANCED ADENOMAS**

Tsan-Hsuan Chang, Lee-Won Chong, Hung-Chuen Chang, Yu-Hwa Liu, Cheuk-Kay Sun,

Kou-Ching Yang, Yu-Min Lin

Division of Gastroenterology and Hepatology, Shin Kong Wu Ho-Su Memorial Hospital, Taipei, Taiwan

多發性微小腺瘤與小腺瘤與復發進階性腺瘤風險之間的關聯

張璨璿 張麗文 張鴻俊 劉玉華 孫灼基 楊國卿 林裕民

新光醫療財團法人新光吳火獅紀念醫院肝膽腸胃科

**P.091 LONG-TERM EFFECT OF CHOLECYSTECTOMY ON ALZHEIMER'S DISEASE'S RISK – A RETROSPECTIVE STUDY BASED ON TRINETX DATABASE**

Kun-Ta Wu<sup>1</sup>, Shu-Shien Lin<sup>2</sup>, Yi-Ju Chen<sup>1</sup>, Wei-Hsin Chen<sup>1</sup>, Jian-Jhou Liao<sup>1</sup>, Feng-Hsu Wu<sup>1</sup>, Shao-Ciao Luo<sup>1</sup>, Hui-Chen Lin<sup>1</sup>, Kuei-Heng Chang<sup>1</sup>, Yi-Ju Tsai<sup>1</sup>, Peng-Yu Ku<sup>1</sup>

<sup>1</sup>Division of General Surgery, Department of Surgery, Taichung Veteran General Hospital, Taichung, Taiwan

<sup>2</sup>Division of Hepato-Gastroenterology, Department of Internal Medicine, Ditmanson Medical Foundation Chia-Yi Christian Hospital, Chiayi, Taiwan

評估膽囊切除術後之長期阿茲海默症風險 — 使用 TriNetX 資料庫之回溯性分析

吳坤達<sup>1</sup> 林淑賢<sup>2</sup> 陳怡如<sup>1</sup> 陳維信<sup>1</sup> 廖建洲<sup>1</sup> 吳峯旭<sup>1</sup> 羅少喬<sup>1</sup> 林卉晨<sup>1</sup> 張奎亨<sup>1</sup> 蔡易儒<sup>1</sup> 古朋育<sup>1</sup>

<sup>1</sup>臺中榮民總醫院一般外科

<sup>2</sup>戴德森醫療財團法人嘉義基督教醫院腸胃肝膽科

**P.092 THE IMPACT OF ESOPHAGEAL VARICES ON THE PROGNOSIS OF PATIENTS WITH CHOLANGIOCARCINOMA: A SINGLE CENTER RETROSPECTIVE STUDY**

Yu-Jen Chen<sup>1,2,3</sup>, Tze-Han Ma<sup>3</sup>, Chien-Wei Su<sup>1,3</sup>, Ming-Chih Hou<sup>1,3</sup>

<sup>1</sup>Division of Gastroenterology, Department of Medicine, Taipei Veterans General Hospital, Taipei, Taiwan

<sup>2</sup>Institute of Public Health, National Yang Ming Chiao Tung University, Taipei, Taiwan

<sup>3</sup>School of Medicine, College of Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan

食道靜脈曲張對膽管癌病人的預後影響

陳宥任<sup>1,2,3</sup> 馬子涵<sup>3</sup> 蘇建維<sup>1,3</sup> 侯明志<sup>1,3</sup>

<sup>1</sup> 臺北榮民總醫院胃腸肝膽科

<sup>2</sup> 國立陽明交通大學公衛所

<sup>3</sup> 國立陽明交通大學醫學系

P.093 **ENDOSCOPIC SLEEVE GASTROPLASTY COMBINED WITH ORAL SEMAGLUTIDE IMPROVES WEIGHT CONTROL IN OBESE PATIENTS**

Chen-Shuan Chung<sup>1,2,3</sup>, Hua-Fen Chen<sup>3</sup>, Jiann-Ming Wu<sup>4</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Far Eastern Memorial Hospital, New Taipei City, Taiwan

<sup>2</sup>School of Medicine, Fu Jen Catholic University, New Taipei City, Taiwan

<sup>3</sup>Division of Endocrinology & Metabolism, Department of Internal Medicine, Far Eastern Memorial Hospital, New Taipei City, Taiwan

<sup>4</sup>Division of General Surgery, Department of Surgery, Far Eastern Memorial Hospital, New Taipei City, Taiwan

利用內視鏡袖狀縮胃減重術合併口服 **Semaglutide** 可增進體肥胖患者之體重控制

鍾承軒<sup>1,2,3</sup> 陳華芬<sup>3</sup> 吳建明<sup>4</sup>

<sup>1</sup> 亞東紀念醫院肝膽胃腸科

<sup>2</sup> 天主教輔仁大學醫學系

<sup>3</sup> 亞東紀念醫院新陳代謝科

<sup>4</sup> 亞東紀念醫院一般外科

P.094 **CHARACTERISTICS OF SYMPTOM PROFILES AND ESOPHAGEAL MOTILITY IN PATIENTS WITH GASTRIC CARDIAC SUBMUCOSAL TUMOR AND ASSOCIATED CHANGES AFTER ENDOSCOPIC RESECTION: A STUDY BASED ON HIGH-RESOLUTION IMPEDANCE MANOMETRY**

Kuang-Fang Lin, Chien-Chuan Chen, Chieh-Chang Chen, Ming-Lun Han, Hsiu-Po Wang, Ping-Huei Tseng

Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

以高解析度食道壓力阻抗檢測探討胃賁門黏膜下腫瘤之病患臨床特性與食道蠕動功能及經內視鏡切除後的相關變化

林鑣紡 陳建全 陳介章 韓明倫 王秀伯 曾屏輝

國立臺灣大學醫學院附設醫院內科部

P.095 **INDOCYANINE GREEN FLUORESCENT CHOLANGIOGRAPHY ASSURES THE SURGICAL SAFTY OF LAPAROSCOPIC CHOLECYSTECTOMY**

King-Teh Lee

Department of Surgery, Park One International Hospital, Kaohsiung, Taiwan

靛靛綠螢光膽管攝影提升了腹腔鏡膽囊切除術的手術成果

李金德

博田國際醫院肝膽胰外科

**P.096 SAFETY AND FEASIBILITY OF SINGLE-INCISION LAPAROSCOPIC DISTAL PANCREATECTOMY**

Wei-Hsin Lin, Ching-Yao Yang

Department of Surgery, National Taiwan University Hospital and College of Medicine, National Taiwan University, Taipei, Taiwan

單切口腹腔鏡遠端胰臟切除術的安全性和可行性

林瑋信 楊卿堯

國立臺灣大學醫學附設醫院外科部

**P.097 IMPLEMENTATION OF THE NOVEL AI-BASED CECAL RECOGNITION SYSTEM IMPROVED ADENOMA DETECTION IN A SCREENING COLONOSCOPY SETTING**

Mark Pi-Chun Chuang<sup>1</sup>, Wen-Feng Hsu<sup>1,2</sup>, Wei-Yuan Chang<sup>2,3</sup>, Chen-Ya Kuo<sup>4</sup>, Hsuan-Ho Lin<sup>5</sup>, Li-Chun Chang<sup>1,2</sup>, Ming-Shiang Wu<sup>1,2</sup>, Han-Mo Chiu<sup>1,2</sup>

<sup>1</sup>Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

<sup>2</sup>College of Medicine, National Taiwan University, Taipei, Taiwan

<sup>3</sup>Department of Internal Medicine, National Taiwan University Cancer Center, Taipei, Taiwan

<sup>4</sup>Department of Internal Medicine, Fu Jen Catholic University Hospital, New Taipei City, Taiwan

<sup>5</sup>Department of Internal Medicine, National Taiwan University Hospital, Hsin-Chu Branch, Hsinchu, Taiwan

在篩檢大腸鏡中置入人工智慧盲腸辨識系統對腺瘤偵測的幫助

莊弼鈞<sup>1</sup> 許文峰<sup>1,2</sup> 張為淵<sup>2,3</sup> 郭震亞<sup>4</sup> 林宣合<sup>5</sup> 張立群<sup>1,2</sup> 吳明賢<sup>1,2</sup> 邱瀚模<sup>1,2</sup>

<sup>1</sup> 國立臺灣大學醫學院附設醫院內科部

<sup>2</sup> 國立臺灣大學醫學院

<sup>3</sup> 國立臺灣大學醫學院附設醫院癌醫中心分院內科部

<sup>4</sup> 天主教輔仁大學附設醫院內科部

<sup>5</sup> 國立臺灣大學醫學院附設醫院新竹臺大分院

**P.098 DOES AN ABDOMINAL COMPRESSION DEVICE REDUCE THE NEED FOR MANUAL ASSISTANCE BY ENDOSCOPY STAFF DURING CO2 INSUFFLATION COLONOSCOPY? A PILOT OBSERVATIONAL STUDY**

Chi-Liang Cheng<sup>1</sup>, Jen-Hao Yeh<sup>2</sup>, Ming-Yao Su<sup>3,4</sup>, Yen-Lin Kuo<sup>1</sup>, I-Chia Su<sup>1</sup>, Yi-Ning Tsui<sup>1</sup>, Bai-Ping Lee<sup>1</sup>, Hui-Ting Lin<sup>1</sup>, Yan-Lun Syu<sup>1</sup>, Chia-Yu Jan<sup>1</sup>, Ke-Yun Zou<sup>5</sup>, Yun-Shien Lee<sup>5</sup>, Felix W. Leung<sup>6,7</sup>

<sup>1</sup>Division of Gastroenterology, Department of Medicine, Evergreen General Hospital, Taoyuan, Taiwan

<sup>2</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, E-Da DaChang Hospital, I-Shou University, Kaohsiung, Taiwan

<sup>3</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, New Taipei Municipal Tucheng Hospital, New Taipei, Taiwan

<sup>4</sup>School of Medicine, Chang Gung University, Taoyuan, Taiwan

<sup>5</sup>Department of Biotechnology, School of Health Technology, Ming Chuan University, Taoyuan,

Taiwan

<sup>6</sup>Sepulveda Ambulatory Care Center, Veterans Affairs Greater Los Angeles Healthcare System, North Hills, California, USA

<sup>7</sup>David Geffen School of Medicine at UCLA, Los Angeles, California, USA

## 二氧化碳灌氣大腸鏡併用腹部加壓器材是否可以降低內視鏡技術師施行人工徒手輔助術式的頻率？一項先導觀察性研究

鄭吉良<sup>1</sup> 葉人豪<sup>2</sup> 蘇銘堯<sup>3,4</sup> 郭彥麟<sup>1</sup> 蘇怡佳<sup>1</sup> 崔怡寧<sup>1</sup> 李百萍<sup>1</sup> 林慧婷<sup>1</sup> 許晏綸<sup>1</sup> 冉家瑜<sup>1</sup> 鄒可芸<sup>5</sup> 李御賢<sup>5</sup>  
Felix W. Leung<sup>6,7</sup>

<sup>1</sup>中壢長榮醫院胃腸科

<sup>2</sup>義大大昌醫院胃腸肝膽科

<sup>3</sup>新北市立土城醫院胃腸肝膽科

<sup>4</sup>長庚大學醫學系

<sup>5</sup>銘傳大學健康科技學院生物科技學系

<sup>6</sup>Sepulveda Ambulatory Care Center, Veterans Affairs Greater Los Angeles Healthcare System, North Hills, California, USA

<sup>7</sup>美國加州大學洛杉磯分校醫學院

## P.099 SINGLE-CENTER RETROSPECTIVE STUDY ON THE OUTCOMES OF ENDOSCOPIC RADIOFREQUENCY ABLATION FOR HIGH RISK BARRETT'S ESOPHAGUS

Li-Han Weng<sup>1</sup>, Hau-Jyun Su<sup>1</sup>, Ming-Hseng Tseng<sup>2</sup>, Chun-Che Lin<sup>1,3,4</sup>, Ming-Chang Tsai<sup>1,3,4</sup>, Chi-Chih Wang<sup>1,3,4</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Chung Shan Medical University Hospital, Taiwan

<sup>2</sup>Department of Medical Informatics, Chung Shan Medical University, Taichung, Taiwan

<sup>3</sup>School of Medicine, Chung Shan Medical University, Taichung, Taiwan

<sup>4</sup>Institute of Medicine, Chung Shan Medical University, Taichung, Taiwan

### 單中心回顧性研究高風險 Barrett 食道接受內視鏡射頻消融術的治療結果

翁立翰<sup>1</sup> 蘇浩俊<sup>1</sup> 曾銘性<sup>2</sup> 林俊哲<sup>1,3,4</sup> 蔡明璋<sup>1,3,4</sup> 汪奇志<sup>1,3,4</sup>

<sup>1</sup>中山醫學大學附設醫院肝膽腸胃科

<sup>2</sup>中山醫學大學醫學資訊學系

<sup>3</sup>中山醫學大學醫學系

<sup>4</sup>中山醫學大學醫學研究所

## P.100 COMPARATIVE CARDIOVASCULAR SAFETY OF CETUXIMAB AND PANITUMUMAB IN COLORECTAL CANCER: A RETROSPECTIVE COHORT STUDY UTILIZING THE TRINETX DATABASE

Mitsuhiro Koseki<sup>1</sup>, Po-Yu Huang<sup>1</sup>, Yi-Chen Chen<sup>2</sup>, I-Che Feng<sup>1</sup>, Hsing-Tao Kuo<sup>1</sup>, Ming-Jen Sheu<sup>1</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of internal Medicine, Chi Mei Medical Center, Tainan, Taiwan

<sup>2</sup>Department of Medical Research, Chi Mei Medical Center, Tainan, Taiwan

大腸直腸癌患者中 **Cetuximab** 與 **Panitumumab** 心血管安全性之比較：應用 **TriNetX** 資料庫進行之回溯性世代研究

古關光浩<sup>1</sup> 黃博裕<sup>1</sup> 陳怡葵<sup>2</sup> 馮意哲<sup>1</sup> 郭行道<sup>1</sup> 許銘仁<sup>1</sup>

<sup>1</sup> 奇美醫學中心胃腸肝膽科

<sup>2</sup> 奇美醫學中心醫學研究部

P.101 **MULTI-OMICS SYSTEMIC APPROACH FOR BIOMARKER DISCOVERY IN CHOLANGIOCARCINOMA**

Jin-Chiao Lee<sup>1</sup>, Li-chieh Julie Chu<sup>2</sup>, Chia-Jung Tsai<sup>2</sup>, Jau-Song Yu<sup>2</sup>, Ta-Sen Yeh<sup>1</sup>

<sup>1</sup>Department of General Surgery, Linkou Chang-Gung Memorial Hospital, Taoyuan, Taiwan

<sup>2</sup>Molecular Medicine Research Center, Chang Gung University, Taoyuan, Taiwan

運用多體學系統性開發膽道癌之生物標誌

李勁樵<sup>1</sup> 朱俐潔<sup>2</sup> 蔡佳蓉<sup>2</sup> 余兆松<sup>2</sup> 葉大森<sup>1</sup>

<sup>1</sup> 林口長庚紀念醫院一般外科

<sup>2</sup> 長庚大學分子醫學研究中心

P.102 **EVALUATION OF PERCUTANEOUS BILIARY STONE REMOVAL (PBSR) FOR MANAGEMENT OF BILE DUCT STONES**

Liu-Han Lin<sup>1</sup>, Yang-Yuan Chen<sup>1</sup>, Hsu-Heng Yen<sup>1</sup>, Yung-Fang Chen<sup>2</sup>

<sup>1</sup>Department of Gastroenterology, Changhua Christian Hospital, Changhua, Taiwan

<sup>2</sup>Department of Radiology, China Medical University Hospital, Taichung, Taiwan

經皮膽道系統結石移除評估

林柳倉<sup>1</sup> 陳洋源<sup>1</sup> 顏旭亨<sup>1</sup> 陳永芳<sup>2</sup>

<sup>1</sup> 彰化基督教醫院胃腸科

<sup>2</sup> 中國醫藥大學附設醫院放射診療科

P.103 **LONG-TERM OUTCOMES AND RECURRENCE RATES OF ACUTE CHOLANGITIS POST-CHOLECYSTECTOMY: A NATIONWIDE COHORT STUDY IN TAIWAN**

PO-CHENG YANG<sup>1</sup>, Chih-Lang Lin<sup>1,2</sup>, Li-Wei Chen<sup>1</sup>, Rong-Nan Chien<sup>1,3</sup>, Jia-Jang Chang<sup>1</sup>, Shuo-Wei Chen<sup>1</sup>, Ching-Chih Hu<sup>1</sup>, Cheng-Hung Chien<sup>1</sup>, Tien -Shin Chou<sup>1</sup>, Tsuo-Hsuan Chien<sup>1</sup>, Xiu-Wei Li<sup>1</sup>, Kuang-Chen Huang<sup>1</sup>, Cheng-Han Xie<sup>1</sup>

<sup>1</sup>Department of Gastroenterology and Hepatology, Chang Gung Memorial Hospital and University, Keelung, Taiwan

<sup>2</sup>Community Medicine Research Center, Keelung Chang Gung Memorial Hospital, Keelung, Taiwan

<sup>3</sup>Department of Gastroenterology and Hepatology, Chang Gung Memorial Hospital and University, Linkou, Taoyuan, Taiwan

膽囊切除術後急性膽管炎的長期預後與復發率：一個台灣全國性之世代研究

楊博程<sup>1</sup> 林志郎<sup>1,2</sup> 陳立偉<sup>1</sup> 簡榮南<sup>1,3</sup> 張家昌<sup>1</sup> 陳碩為<sup>1</sup> 胡瀨之<sup>1</sup> 錢政弘<sup>1</sup> 鄧騰信<sup>1</sup> 簡佐軒<sup>1</sup> 李修維<sup>1</sup> 黃冠程<sup>1</sup> 謝承翰<sup>1</sup>

- <sup>1</sup> 基隆長庚紀念醫院胃腸肝膽科  
<sup>2</sup> 基隆長庚紀念醫院社區醫學研究中心  
<sup>3</sup> 林口長庚紀念醫院胃腸肝膽科

P.104 **EFFECTIVENESS AND PERSISTENCY OF USTEKINUMAB TREATMENT FOR INFLAMMATORY BOWEL DISEASE : A SINGLE CENTER STUDY**

Wei-Chen Lin<sup>1</sup>, Chen-Wang Chang<sup>1</sup>, Ming-Jen Chen<sup>1</sup>, Ching-Wei Chang<sup>1</sup>, Horng-Yang Wang<sup>1</sup>, Tzu-Chi Hsu<sup>2</sup>

<sup>1</sup>Division of Gastroenterology, Department of Internal Medicine, Mackay Memorial Hospital, Taipei, Taiwan

<sup>2</sup>Division of Colon and Rectal Surgery, Mackay Memorial Hospital, Taipei, Taiwan

喜達諾® 治療發炎性腸道疾病的有效性和持久性：單中心研究

林煒霖<sup>1</sup> 章振旺<sup>1</sup> 陳銘仁<sup>1</sup> 張經緯<sup>1</sup> 王鴻源<sup>1</sup> 許自齊<sup>2</sup>

<sup>1</sup> 馬偕紀念醫院肝膽腸胃內科

<sup>2</sup> 馬偕紀念醫院大腸直腸外科

P.105 **MORTALITY AND ADVERSE EFFECT PROFILES OF METRONIDAZOLE VERSUS ORAL VANCOMYCIN IN CLOSTRIDIODES DIFFICILE INFECTION: INSIGHTS FROM A POPULATION-BASED COHORT STUDY USING TRINETX DATABASE**

Po-Yu Huang<sup>1</sup>, Mitsuhiro Koseki<sup>2</sup>, Su-Hong Wang<sup>2</sup>, I-Che Feng<sup>2</sup>, Hsing-Tao Kuo<sup>2</sup>, Ming-Jen Sheu<sup>2</sup>

<sup>1</sup>Department of Internal Medicine, Chi Mei Medical Center, Tainan, Taiwan

<sup>2</sup>Division of Gastroenterology and Hepatology, Department of internal Medicine, Chi Mei Medical Center, Tainan, Taiwan

**Metronidazole 與口服 Vancomycin 在困難梭狀桿菌感染的死亡率和不良反應分析：應用 TriNetX 資料庫進行的世代研究分析**

黃博裕<sup>1</sup> 古關光浩<sup>2</sup> 王宿鴻<sup>2</sup> 馮意哲<sup>2</sup> 郭行道<sup>2</sup> 許銘仁<sup>2</sup>

<sup>1</sup> 奇美醫學中心內科部

<sup>2</sup> 奇美醫學中心胃腸肝膽科

P.106 **PREFERENCES TOWARDS TREATMENT ATTRIBUTES AMONG PATIENTS WITH CROHN'S DISEASE AND ULCERATIVE COLITIS IN ARGENTINA, AUSTRALIA, BRAZIL, SAUDI ARABIA AND TAIWAN: A DISCRETE CHOICE EXPERIMENT**

M. Argollo<sup>1</sup>, Y. K. An<sup>2</sup>, D. C. Balderramo<sup>3</sup>, N. Azzam<sup>4</sup>, C. J. Kuo<sup>5</sup>, O. Fadeeva<sup>6</sup>, E. Uy<sup>6</sup>, J. Chen<sup>7</sup>

<sup>1</sup>Department of Gastroenterology, Federal University of São Paulo, São Paulo, Brazil

<sup>2</sup>Mater Hospital Brisbane, Brisbane, Australia

<sup>3</sup>Servicio de Gastroenterología y Endoscopia Digestiva, Hospital Privado Universitario de Córdoba, Instituto Universitario de Ciencias Biomédicas de Córdoba, Córdoba, Argentina

<sup>4</sup>Division of Gastroenterology, Department of Medicine, College of Medicine, King Saud University, Riyadh, Saudi Arabia

<sup>5</sup>Department of Gastroenterology and Hepatology, Chang Gung Memorial Hospital, Linkou,

Taoyuan, Taiwan

<sup>6</sup>Takeda Pharmaceuticals International AG, Singapore

<sup>7</sup>Takeda Pharmaceuticals Taiwan, Ltd.

P.107 **THE APPLIANCE OF LAPAROSCOPIC SLEEVE GASTRECTOMY WITH CONCOMITANT HIATAL HERNIA REPAIR ON GASTROESOPHAGEAL REFLUX DISEASE IN THE MORBIDLY OBESE**

Jiun-Wei Hsu, Po-Chun Wang

Division of General Surgery, Department of Surgery, MacKay Memorial Hospital, Taipei, Taiwan

腹腔鏡袖狀胃切除術合併食道裂孔疝氣修補術在治療肥胖合併胃食道逆流症的應用

許君璋 王柏鈞

馬偕紀念醫院一般外科

P.108 **PRIMARY SMALL BOWEL GASTROINTESTINAL STROMAL TUMORS FINDING IN DOUBLE BALLOON ENTEROSCOPY: THE EXPERIENCE IN A SINGLE INSTITUTION IN TAIWAN**

Yu-Lin Chen<sup>1</sup>, Po-Ju Huang<sup>1,3</sup>, Chu-Ping Wang<sup>1</sup>, Yi-Hua Wu<sup>1,3</sup>, Ken-Sheng Cheng<sup>1,2</sup>, Jen-Wei Chou<sup>1,2,3</sup>

<sup>1</sup>Center for Digestive Medicine, Department of Internal Medicine, China Medical University Hospital, China Medical University Hospital, Taichung, Taiwan

<sup>2</sup>School of Medicine, China Medical University, Taichung, Taiwan

<sup>3</sup>Taiwan Association for the Study of Small Intestinal Diseases (TASSID)

雙氣囊小腸鏡發現原發性小腸胃腸道間質瘤：台灣單一醫學中心的經驗

陳宥霖<sup>1</sup> 黃柏儒<sup>1,3</sup> 王楚評<sup>1</sup> 吳宜樺<sup>1,3</sup> 鄭庚申<sup>1,2</sup> 周仁偉<sup>1,2,3</sup>

<sup>1</sup>中國醫藥大學附設醫院消化系

<sup>2</sup>中國醫藥大學附設醫院醫學系

<sup>3</sup>台灣小腸醫學會

P.109 **INCREASED RISKS OF GASTROINTESTINAL MALIGNANCY IN PATIENTS WITH PRIMARY SJÖGREN'S SYNDROME BASED ON NATIONAL POPULATION STUDY**

Chao-Feng Chang, Hsuan-Hwai Lin, Peng-Jen Chen, Wei-Kuo Chang, Tien-Yu Huang

Division of Gastroenterology and Hepatology, Department of Internal Medicine, Tri-Service General Hospital, National Defense Medical Center, Taipei, Taiwan

健保資料庫分析探討原發性乾燥症患者發生胃腸道惡性腫瘤的風險性

張肇圭 林煊淮 陳鵬仁 張維國 黃天祐

三軍總醫院胃腸科

P.110 **OUTCOME AND LEARNING CURVE OF COLORECTAL ESD BY UN-SUPERVISED ENDOSCOPIST: INSIGHTS FROM A SINGLE-CENTER EXPERIENCE IN TAIWAN**

Hao-Ping Hsu<sup>1,2</sup>, Chung-Ying Lee<sup>1,3</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Shuang Ho Hospital, Taipei Medical University, New Taipei City, Taiwan

<sup>2</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

<sup>3</sup>TMU Research Center for Digestive Medicine, Taipei Medical University, Taipei, Taiwan

**新手內視鏡醫師進行結直腸 ESD 的結果與學習曲線：台灣單一中心經驗的見解**

徐昊平<sup>1,2</sup> 李宗穎<sup>1,3</sup>

<sup>1</sup>衛生福利部雙和醫院肝膽腸胃科

<sup>2</sup>國立臺灣大學醫學院附設醫院肝膽腸胃科

<sup>3</sup>臺北醫學大學消化醫學研究中心

P.111 **SM2-3 INVASION AND TUMOR BUDDING WARRANT SURGICAL RESECTION IN T1 COLORECTAL CANCER PATIENTS WHO HAD UNDERGONE ENDOSCOPIC RESECTION: CLINICAL EXPERIENCE SHARING FROM A MEDICAL CENTER IN NORTHERN TAIWAN**

Wei Chiang<sup>1</sup>, Tze-Sian Chan<sup>1,2</sup>, Min-Shung Wu<sup>1,2</sup>, Fat-Moon Suk<sup>1,2</sup>, Gi-Shih Lien<sup>1,2</sup>, I-Ching Cheng<sup>3</sup>, Chun-Nan Chen<sup>1</sup>

<sup>1</sup>Division of Gastroenterology, Department of Internal Medicine, Wan Fang Hospital, Taipei Medical University, Taipei, Taiwan

<sup>2</sup>Department of Internal Medicine, School of Medicine, College of Medicine, Taipei Medical University, Taipei, Taiwan

<sup>3</sup>Division of Gastroenterology, Department of Internal Medicine, Taiwan Adventist Hospital, Taipei, Taiwan

**經內視鏡下切除後呈現深度黏膜下層侵犯及腫瘤出芽之 T1 大腸癌仍需外科手術介入治療：一個北部醫學中心的臨床分析**

江瑋<sup>1</sup> 張智翔<sup>1,2</sup> 吳明順<sup>1,2</sup> 葉發滿<sup>1,2</sup> 連吉時<sup>1,2</sup> 鄭以勤<sup>3</sup> 陳俊男<sup>1</sup>

<sup>1</sup>臺北市立萬芳醫院消化內科

<sup>2</sup>臺北醫學大學醫學系內科學科

<sup>3</sup>基督復臨安息日會醫療財團法人臺安醫院消化內科

P.112 **CHARACTERISTICS AND OUTCOMES OF SMALL BOWEL VASCULAR LESIONS IN PATIENTS WITH OBSCURE GASTROINTESTINAL BLEEDING DETECTED BY DEEP ENTEROSCOPY: A SINGLE-CENTER EXPERIENCE IN TAIWAN**

Ming-Chun Hsieh<sup>1</sup>, Chao-Feng Chang<sup>1</sup>, Peng-Jen Chen<sup>1</sup>, Yu-Lueng Shih<sup>1</sup>, Wei-Kuo Chang<sup>1,2</sup>, Tsai-Yuan Hsieh<sup>1</sup>, Tien-Yu Huang<sup>1,2</sup>

<sup>1</sup>Division of Gastroenterology, Department of Internal Medicine, Tri-Service General Hospital, National Defense Medical Center, Taipei, Taiwan

<sup>2</sup>Taiwan Association for the Study of Small Intestinal Diseases, Taoyuan, Taiwan

**在隱晦性腸胃道出血病人接受深部小腸鏡檢查呈現小腸血管性病灶的特徵及治療：單一中心回顧性研究**

謝明均<sup>1</sup> 張肇圭<sup>1</sup> 陳鵬仁<sup>1</sup> 施宇隆<sup>1</sup> 張維國<sup>1,2</sup> 謝財源<sup>1</sup> 黃天祐<sup>1,2</sup>

<sup>1</sup> 三軍總醫院胃腸肝膽科

<sup>2</sup> 台灣小腸醫學會

## P.113 INDEPENDENT RISK FACTORS PREDICTING ERADICATION FAILURE OF VONOPRAZAN HIGH-DOSE DUAL THERAPY FOR THE FIRST-LINE TREATMENT OF HELICOBACTER PYLORI INFECTION

Chih-An Shih<sup>1,10</sup>, Deng-Chyang Wu<sup>2,10</sup>, Chien-Lin Chen<sup>3,10</sup>, Kuan-Yang Chen<sup>4,10</sup>, Seng-Kee Chuah<sup>5,10</sup>, Chia-Long Lee<sup>6,10</sup>, Feng-Woei Tsay<sup>7,10</sup>, Jyh-Chin Yang<sup>8,10</sup>, Wei-Yi Lei<sup>3,10</sup>, Chao-Hung Kuo<sup>2,10</sup>, Chang-Bih Shie<sup>9,10</sup>, Hsi-Chang Lee<sup>4,10</sup>, Wei-Chen Tai<sup>5,10</sup>, Ping-I Hsu<sup>9,10</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Antai Tian-Sheng Memorial Hospital and Department of Nursing, Meiho University, Pingtung, Taiwan; <sup>2</sup>Division of Gastroenterology, Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung Medical University, Kaohsiung, Taiwan; <sup>3</sup>Department of Medicine, Buddhist Tzu Chi General Hospital and Tzu Chi University, Hualien, Taiwan; <sup>4</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine Taipei City Hospital, Renai Branch, Taipei, Taiwan; <sup>5</sup>Division of Gastroenterology, Department of Internal Medicine, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, and Chang Gung University College of Medicine, Taoyuan, Taiwan; <sup>6</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine Cathay General Hospital, Taipei, Taiwan; <sup>7</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Kaohsiung Veterans General Hospital and National Yang-Ming University, Kaohsiung, Taiwan; <sup>8</sup>Division of Gastroenterology, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan; <sup>9</sup>Division of Gastroenterology, Department of Medicine, An Nan Hospital, China Medical University, Tainan, Taiwan; <sup>10</sup>Taiwan Acid-related Disease (TARD) Study Group

以「Vonoprazan（福星定）為基礎之高劑量二合療法」治療幽門螺旋桿菌感染除菌失敗之獨立危險因子

石志安<sup>1,10</sup> 吳登強<sup>2,10</sup> 陳健麟<sup>3,10</sup> 陳冠仰<sup>4,10</sup> 蔡成枝<sup>5,10</sup> 李嘉龍<sup>6,10</sup> 蔡峯偉<sup>7,10</sup> 楊智欽<sup>8,10</sup> 郭昭宏<sup>2,10</sup> 施長碧<sup>9,10</sup> 李熹昌<sup>4,10</sup> 戴維震<sup>5,10</sup> 許秉毅<sup>9,10</sup>

<sup>1</sup>安泰醫院胃腸肝膽科 ; <sup>2</sup>高雄醫學大學附設醫院胃腸內科 ; <sup>3</sup>花蓮慈濟醫院肝膽胃腸科 ; <sup>4</sup>臺北市立聯合醫院仁愛院區消化內科 ; <sup>5</sup>高雄長庚紀念醫院胃腸肝膽科 ; <sup>6</sup>國泰綜合醫院腸胃內科 ; <sup>7</sup>高雄榮民總醫院胃腸肝膽科 ; <sup>8</sup>國立臺灣大學醫學院附設醫院胃腸肝膽科 ; <sup>9</sup>臺南市立安南醫院暨中國醫藥大學消化內科 ; <sup>10</sup>台灣胃酸相關疾病暨微菌叢聯盟

## P.114 COMPARISON OF COMPLICATIONS IN PATIENTS WITH BILIARY PLASTIC STENTS REMOVAL WITHIN AND BEYOND THREE MONTHS

Yen-Kang Lee, Chao-Ling Cheng, Tze-Sian Chan, Ming-Shun Wu, Fat-Moon Suk, Gi-Shih Lien  
Division of Gastroenterology and Hepatology, Department of Internal Medicine, Taipei Municipal Wanfang Hospital, Taipei Medical University, Taipei, Taiwan

比較三個月內或三個月以上進行膽道塑膠支架移除的患者併發症

李言康 鄭照霖 張智翔 吳明順 粟發滿 連吉時  
臺北市立萬芳醫院消化內科

P.115 **FACTORS ASSOCIATED WITH PERSISTENT SYMPTOMS AND CHRONIC USE OF PROTON PUMP INHIBITORS IN PATIENTS WITH SUSPECTED LARYNGOPHARYNGEAL REFLUX**

Kuan-Chih Chen<sup>1,2</sup>, Chen-Chi Wang<sup>3</sup>, Yen-Chun Peng<sup>1,2</sup>, Han-Chung Lien<sup>1,2</sup>

<sup>1</sup>Division of Gastroenterology, Department of Internal Medicine, Taichung Veterans General Hospital, Taichung, Taiwan

<sup>2</sup>Department of Internal Medicine, Taichung Veterans General Hospital, Taichung, Taiwan

<sup>3</sup>Department of Otolaryngology, Taichung Veterans General Hospital, Taichung, Taiwan

疑似咽喉逆流患者持續症狀及慢性質子泵抑制劑使用的相關因素

陳寬智<sup>1,2</sup> 王仲祺<sup>3</sup> 彭彥鈞<sup>1,2</sup> 連漢仲<sup>1,2</sup>

<sup>1</sup>臺中榮民總醫院胃腸肝膽科

<sup>2</sup>臺中榮民總醫院內科部

<sup>3</sup>臺中榮民總醫院耳鼻喉科

P.116 **INTESTINAL PSEUDO-OBSTRUCTION AS THE INITIAL PRESENTION OF SYSTEMIC LUPUS ERYTHEMATOSUS: A CASE SERIES REPORT**

Tun-Yen You, Yang-Yuan Chen, Hsu-Heng Yen

Department of Gastroenterology, Changhua Christian Hospital, Changhua, Taiwan

以假性腸阻塞為初期表現的系統性紅斑狼瘡：病例係列報告

游敦巖 陳洋源 顏旭亨

彰化基督教醫院胃腸肝膽科

P.117 **COMPARISON OF GPT-4O AND GPT-4 TURBO IN DETECTING POLYPS IN COLONOSCOPY IMAGES**

Wei-Lun Hsu<sup>1,2,3</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Medical Affairs, Landseed International Hospital, Taoyuan, Taiwan

<sup>2</sup>Department of Digital Development, Landseed International Hospital, Taoyuan, Taiwan

<sup>3</sup>Institute of Computer Science and Information Engineering, National Central University, Taoyuan, Taiwan

ChatGPT 4o 與 ChatGPT 4 Turbo 對大腸息肉偵測的比較

徐偉倫<sup>1,2,3</sup>

<sup>1</sup>聯新國際醫院腸胃肝膽科

<sup>2</sup>聯新國際醫院數位發展部

<sup>3</sup>國立中央大學資訊工程研究所

P.119 **EMPLOYING COMPUTER-AIDED ORDINAL REGRESSION BASED ON DUAL LOSS FUNCTION TO AUTOMATICALLY DETECT AND CLASSIFY THE L3 VERTEBRA IN CT IMAGES FOR CENTRAL SARCOPENIA EVALUATION**

Mei-Chuan Liang<sup>1</sup>, Chia-Pei Tang<sup>2,3</sup>, Tu-Liang Lin<sup>4</sup>, Hong-Yi Chang<sup>4</sup>, Yu-Ming Hsu<sup>4</sup>, Chia-Hsin Cheng<sup>5</sup>

<sup>1</sup>Department of Internal Medicine, Dalin Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Chiayi, Taiwan

<sup>2</sup>Division of Gastroenterology, Department of Internal Medicine, Dalin Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Chiayi, Taiwan

<sup>3</sup>School of Medicine, Tzu Chi University, Hualien, Taiwan

<sup>4</sup>Department of Management Information Systems, National Chiayi University, Chiayi, Taiwan

<sup>5</sup>Department of Medical Research, Dalin Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Chiayi, Taiwan

**基於電腦輔助的雙重損失函數的序數回歸自動偵測和分類 CT 影像中的 L3 腰椎應用於中心性肌少症之評估**

梁美娟<sup>1</sup> 唐家沛<sup>2,3</sup> 林土量<sup>4</sup> 張宏義<sup>4</sup> 許育民<sup>4</sup> 鄭佳欣<sup>5</sup>

<sup>1</sup> 大林慈濟醫院內科部

<sup>2</sup> 大林慈濟醫院肝膽腸胃內科

<sup>3</sup> 慈濟大學醫學院

<sup>4</sup> 國立嘉義大學資訊管理學系

<sup>5</sup> 大林慈濟醫院研究部

P.120 **TO ASSESS PUBLIC KNOWLEDGE GAPS ON FECAL MICROBIOTA TRANSPLANTATION (FMT)**

Kuan-Chih Chen, Chun-Hsing Liao

Department of Internal Medicine, Far Eastern Memorial Hospital, New Taipei City, Taiwan

**評估大眾對微菌叢植入治療 (FMT) 的知識差距**

陳冠至 廖俊星

亞東紀念醫院內科部

P.121 **EPIDEMIOLOGY OF SMALL BOWEL TUMORS DIAGNOSED BY BALLOON ASSISTED ENTEROSCOPY: A MULTICENTER STUDY IN TAIWAN**

Kuei-Chang Kuo<sup>1</sup>, Jen-Wei Chou<sup>2</sup>, Hsu-Heng Yen<sup>3</sup>, Wen-Hung Hsu<sup>4</sup>, Tien-Yu Huang<sup>5</sup>, Chen-Wang Chang<sup>6</sup>, Chi-Ming Tai<sup>7</sup>, Wei-Chen Tai<sup>8</sup>, Chia-Jung Kuo<sup>9</sup>, ChenShuan Chung<sup>1,10</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Far Eastern Memorial Hospital, New Taipei City, Taiwan; <sup>2</sup>Center for Digestive Medicine, Department of Internal Medicine, China Medical University Hospital, Taichung, Taiwan; <sup>3</sup>Division of Gastroenterology, Changhua Christian Hospital, Changhua, Taiwan; <sup>4</sup>Division of Gastroenterology, Department of Internal Medicine, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan; <sup>5</sup>Division of Gastroenterology, Department of Internal Medicine, Tri-Service General Hospital, National Defense Medical Center, Taipei, Taiwan; <sup>6</sup>Department of Gastroenterology, Mackay Memorial Hospital, Taipei, Taiwan; <sup>7</sup>Division of Gastroenterology and Hepatology, Department

of Internal Medicine, E-Da Hospital, Kaohsiung, Taiwan; <sup>8</sup>Division of Hepatogastroenterology, Department of Internal Medicine, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, Taiwan; <sup>9</sup>Department of Gastroenterology and Hepatology, Linkou Chang Gung Memorial Hospital, Taoyuan, Taiwan; <sup>10</sup>School of Medicine, Fu Jen Catholic University, New Taipei City, Taiwan

### 氣囊輔助深部小腸鏡下之小腸腫瘤流行病學數據：台灣之多中心研究

郭桂彰<sup>1</sup> 周仁偉<sup>2</sup> 顏旭亨<sup>3</sup> 許文鴻<sup>4</sup> 黃天祐<sup>5</sup> 章振旺<sup>6</sup> 戴啓明<sup>7</sup> 戴維震<sup>8</sup> 郭家榮<sup>9</sup> 鍾承軒<sup>1,10</sup>

<sup>1</sup> 亞東紀念醫院肝膽胃腸科 ; <sup>2</sup> 中國醫藥大學附設醫院消化系中心 ; <sup>3</sup> 彰化基督教醫院消化系中心 ;

<sup>4</sup> 高雄醫學大學附設中和紀念醫院胃腸內科 ; <sup>5</sup> 三軍總醫院胃腸肝膽科 ; <sup>6</sup> 馬偕紀念醫院胃腸肝膽科 ;

<sup>7</sup> 義大醫療財團法人義大醫院胃腸肝膽科 ; <sup>8</sup> 高雄長庚紀念醫院胃腸肝膽科 ; <sup>9</sup> 林口長庚紀念醫院胃腸肝膽科 ; <sup>10</sup> 天主教輔仁大學醫學系

### P.122 A CASE SERIES OF SKIN ECCHYMOSES AND ITS CLINICAL IMPLICATION IN A SINGLE INSTITUTION

Yoen-Young Chuah<sup>1,2</sup>, Lian-Feng Lin<sup>1</sup>, Chia-Jung Kuo<sup>1</sup>, Seng-Howe Nguang<sup>1</sup>, Yi-Chun Chan<sup>1</sup>, Chung-Fong Lin<sup>1</sup>, Lin-Suei Jhang<sup>1</sup>, Yeong Yeh Lee<sup>3</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Ping Tung Christian Hospital, Pingtung, Taiwan

<sup>2</sup>Department of Nursing, Mei Ho University, Pingtung, Taiwan

<sup>3</sup>Department of Medicine, School of Medical Sciences, Universiti Sains Malaysia, Kubang Kerian, Kelantan, Malaysia

### 單一機構的皮膚瘀斑的臨床意義之病例系列報告

蔡元榮<sup>1,2</sup> 林連豐<sup>1</sup> 郭志榮<sup>1</sup> 阮盛豪<sup>1</sup> 詹益群<sup>1</sup> 林群峰<sup>1</sup> 張琳遂<sup>1</sup> 李永葉<sup>3</sup>

<sup>1</sup> 屏東基督教醫院胃腸肝膽科

<sup>2</sup> 美和科技大學護理系

<sup>3</sup> 馬來西亞理科大學醫學院

### P.123 RISK FACTORS AND PROGNOSIS OF VENOUS THROMBOEMBOLISM IN PANCREATIC DUCTAL ADENOCARCINOMA: A RETROSPECTIVE COHORT STUDY

Hsing-Chien Wu<sup>1,2,3</sup>, Kuo-Liong Chien<sup>2</sup>, Shu-Hui Chang<sup>2,4</sup>, Hsiang-Fong Kao<sup>5</sup>, Shih-Hsiang Tseng<sup>6</sup>, Wei-Chih Liao<sup>3,7</sup>

<sup>1</sup>Department of Internal Medicine, National Taiwan University Cancer Center, Taipei, Taiwan

<sup>2</sup>Institute of Epidemiology and Preventive Medicine, College of Public Health, National Taiwan University, Taipei, Taiwan

<sup>3</sup>Internal Medicine, National Taiwan University College of Medicine, Taipei, Taiwan

<sup>4</sup>Institute of Health Data Analytics and Statistics, National Taiwan University, Taipei, Taiwan

<sup>5</sup>Department of Medical Oncology, National Taiwan University Cancer Center, Taipei, Taiwan

<sup>6</sup>National Taiwan University Hospital-integrative Medical Database, Department of Medical Research, National Taiwan University Hospital, Taipei, Taiwan

<sup>7</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

胰管腺癌中靜脈血栓栓塞的危險因素與預後：一項回顧性世代研究

吳行健<sup>1,2,3</sup> 簡國龍<sup>2</sup> 張淑惠<sup>2,4</sup> 高祥豐<sup>5</sup> 曾昱翔<sup>6</sup> 廖偉智<sup>3,7</sup>

<sup>1</sup> 國立臺灣大學醫學院附設醫院癌醫中心分院綜合內科部

<sup>2</sup> 國立臺灣大學流行病學與預防醫學研究所

<sup>3</sup> 國立臺灣大學醫學院內科

<sup>4</sup> 國立臺灣大學健康數據拓析統計研究所

<sup>5</sup> 國立臺灣大學醫學院附設醫院癌醫中心分院腫瘤內科

<sup>6</sup> 臺大醫療體系醫療整合資料庫

<sup>7</sup> 國立臺灣大學醫學院附設醫院胃腸肝膽科

P.124 **MANAGEMENT OF MASSIVE HEMOBILIA DURING ENDOSCOPIC RETROGRADE CHOLANGIOPANCREATOGRAPHY**

Pin-Chun Huang, Wen-Hsin Huang, Chi-Ying Yang, Shih-Chieh Chuang, Hsing-Hung Cheng, Tsung-Lin Hsieh, Yu-Chen Chang, Cheng-Yuan Peng

Center for Digestive Medicine, Department of Internal Medicine, China Medical University Hospital, China Medial University, Taichung, Taiwan

內視鏡膽胰管攝影中大量膽道內出血之治療

黃秉淳 黃文信 楊其穎 莊世杰 鄭幸弘 謝宗霖 張育誠 彭成元  
中國醫藥大學附設醫院消化醫學中心

P.125 **IMPACT OF THE COVID-19 PANDEMIC ON INCIDENCE AND STAGING OF EARLY AND LATE ONSET COLORECTAL CANCER IN TAIWAN**

Yih-Shiow Chen<sup>1</sup>, Yu-Min Lin<sup>1,2,4</sup>, Lee-Won Chong<sup>1,2,4</sup>, Hung-Chung Chang<sup>1,2,3,4</sup>, Yu-Hwa Liu<sup>1,2</sup>, Cheuk-Kay Sun<sup>1,2,4</sup>, Kuo-Ching Yang<sup>1,2</sup>

<sup>1</sup>Department of Internal Medicine, Shin Kong Wu Ho-Su Memorial Hospital, Taipei, Taiwan

<sup>2</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Shin Kong Wu Ho-Su Memorial Hospital, Taipei, Taiwan

<sup>3</sup>Cancer Prevention and Management Center, Shin Kong Wu Ho-Su Memorial Hospital, Taipei, Taiwan

<sup>4</sup>School of Medicine, Fu Jen Catholic University, New Taipei City, Taiwan

新冠疫情對台灣早發性與晚發性大腸癌發生率及分期的影響

陳奕孝<sup>1</sup> 林裕民<sup>1,2,4</sup> 張麗文<sup>1,2,4</sup> 張鴻俊<sup>1,2,3,4</sup> 劉玉華<sup>1,2</sup> 孫灼基<sup>1,2,4</sup> 楊國卿<sup>1,2</sup>

<sup>1</sup> 新光吳火獅紀念醫院內科部

<sup>2</sup> 新光吳火獅紀念醫院胃腸肝膽科

<sup>3</sup> 新光吳火獅紀念醫院癌症防治中心

<sup>4</sup> 天主教輔仁大學醫學系

P.126 **STATIN-INDUCED REGULATION OF MIR-21 AND TIMP-1 EXPRESSION MITIGATES BILE DUCT PROLIFERATION IN A RAT BDL MODEL AND LPS-TREATED HEPG2 CELLS**

Chi-Yi Peng<sup>1</sup>, Yi-Chin Yang<sup>2</sup>, Yi-Wen Hung<sup>3</sup>, Yen-Chun Peng<sup>4</sup>

<sup>1</sup>Department of Veterinary Medicine, National Chung Hsing University, Taichung, Taiwan

<sup>2</sup>Division of Neurosurgery, Taichung Veterans General Hospital, Taichung, Taiwan

<sup>3</sup>Terry Fox Cancer Research Laboratory, Translational Medicine Research Center, China Medical University, Taichung, Taiwan

<sup>4</sup>Division of Gastroenterology, Taichung Veterans General Hospital, Taichung, Taiwan

### 他汀類藥物對大鼠膽管結紮模型和 LPS 處理的 HepG2 細胞中 miR-21 和 TIMP-1 表達的調控作用及其對膽管增生的緩解效果

彭啓益<sup>1</sup> 楊怡津<sup>2</sup> 洪義文<sup>3</sup> 彭彥鈞<sup>4</sup>

<sup>1</sup> 國立中興大學獸醫系

<sup>2</sup> 臺中榮民總醫院神經外科

<sup>3</sup> 中國醫藥大學轉譯醫學研究中心泰法癌症研究實驗室

<sup>4</sup> 臺中榮民總醫院胃腸肝膽科

### P.127 DEMOGRAPHIC CHARACTERISTICS OF GASTRIC SUBEPITHELIAL LESIONS: A RETROSPECTIVE ANALYSIS FROM A SINGLE CENTER

Yu-Fu Wang, Cheuk-Kay Sun

Department of Gastroenterology, Shin Kong Wu Ho-Su Memorial Hospital, Taipei, Taiwan

#### 胃黏膜下病變的人口學特徵：單中心回顧性分析

王郁富 孫灼基

新光醫療財團法人新光吳火獅紀念醫院胃腸肝膽科

### P.128 COMPARISON OF P-DUCT STENT AND RECTAL DICLOFENAC TO PREVENT POST-ERCP (ENDOSCOPIC RETROGRADE CHOLANGIOPANCREATOGRAPHY) PANCREATITIS: A COHOST STUDY

Hao-Tsai Cheng<sup>1,2,3,4</sup>, Cheng-Hui Lin<sup>2,4</sup>, Chieh-Han Yu<sup>4</sup>, Shu-Wei Haung<sup>1,4</sup>, Sen-Yung Hsieh<sup>2,4</sup>

<sup>1</sup>Department of Gastroenterology and Hepatology, New Taipei Municipal TuCheng Hospital, New Taipei City, Taiwan

<sup>2</sup>Department of Gastroenterology and Hepatology, Linkou Chang Gung Memorial Hospital, Taoyuan, Taiwan

<sup>3</sup>Graduate Institute of Clinical Medicine, College of Medicine, Chang Gung University, Taoyuan, Taiwan

<sup>4</sup>School of Medicine, Chang Gung University, Taoyuan, Taiwan

#### 使用胰管支架或直腸塞入雙氯芬酸來預防經內視鏡逆行性膽胰管攝影術後所造成的胰臟炎：世代研究

鄭浩材<sup>1,2,3,4</sup> 林政輝<sup>2,4</sup> 游捷涵<sup>4</sup> 黃書偉<sup>1,4</sup> 謝森永<sup>2,4</sup>

<sup>1</sup> 新北市立土城醫院 (委託長庚醫療財團法人興建經營)胃腸肝膽科

<sup>2</sup> 林口長庚紀念醫院胃腸肝膽科系

<sup>3</sup> 長庚大學臨床醫學研究所

<sup>4</sup> 長庚大學醫學系

**P.129 FACTORS OF ENDOSCOPIC ULTRASOUND-GUIDED FINE NEEDLE BIOPSY (EUS-FNB) FOR SUCCESSFUL NEXT-GENERATION SEQUENCING (NGS) IN PANCREATIC DUCTAL ADENOCARCINOMA (PDAC): ONE SINGLE CENTER RETROSPECTIVE STUDY**

Szu-Chia Liao<sup>1</sup>, Hong-Zen Yeh<sup>2</sup>, Yi-Chun Liao<sup>1</sup>, Hui-Chun Chang<sup>1</sup>, Chi-Shun Yang<sup>3</sup>, Yu-Hsuan Shih<sup>4</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Division of Internal Medicine, Taichung Veterans General Hospital, Taichung, Taiwan

<sup>2</sup>Division of Gastroenterology and Hepatology, Tungs' Taichung MetroHarbor Hospital, Taichung, Taiwan

<sup>3</sup>Department of Pathology and Laboratory Medicine, Taichung Veterans General Hospital, Taichung, Taiwan

<sup>4</sup>Division of Medical Oncology, Department of Oncology, Department of Internal Medicine, Taichung Veterans General Hospital, Taichung, Taiwan

利用內視鏡超音波細針切片成功進行次世代定序的相關因子：單一中心回溯性分析

廖思嘉<sup>1</sup> 葉宏仁<sup>2</sup> 廖苡君<sup>1</sup> 張惠郡<sup>1</sup> 楊啓順<sup>3</sup> 石宇軒<sup>4</sup>

<sup>1</sup>臺中榮民總醫院胃腸肝膽科

<sup>2</sup>童綜合醫院胃腸肝膽科

<sup>3</sup>臺中榮民總醫院病理部

<sup>4</sup>臺中榮民總醫院腫瘤科

**P.130 USING SEROLOGY TO IDENTIFY TREATMENT-NAÏVE H. PYLORI INFECTION IN YOUNG POPULATIONS**

Mei-Jyh Chen<sup>1,2</sup>, Yu-Jen Fang<sup>3</sup>, Po-Yueh Chen<sup>4</sup>, Chieh-Chang Chen<sup>1,2</sup>, Ming-Shiang Wu<sup>1,2</sup>, Jyh-Ming Liou<sup>1,2,5</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

<sup>2</sup>Department of Internal Medicine, National Taiwan University College of Medicine, Taipei, Taiwan

<sup>3</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, National Taiwan University Hospital, Yun-Lin Branch, Yunlin, Taiwan

<sup>4</sup>Department of Internal Medicine, Chia-Yi Christian Hospital, Chiayi, Taiwan

<sup>5</sup>Department of Internal Medicine, National Taiwan University Cancer Center, Taipei, Taiwan

使用血清學檢測鑑別年輕群體的未經治療過之幽門桿菌感染

陳美志<sup>1,2</sup> 方佑仁<sup>3</sup> 陳柏岳<sup>4</sup> 陳介章<sup>1,2</sup> 吳明賢<sup>1,2</sup> 劉志銘<sup>1,2,5</sup>

<sup>1</sup>台大醫院消化內科

<sup>2</sup>台大醫學院內科部

<sup>3</sup>台大醫院雲林分院內科部

<sup>4</sup>嘉義基督教醫院內科部

<sup>5</sup>台大醫院癌醫分院內科部

P.131 **ASSOCIATION BETWEEN SUPERFICIAL ESOPHAGEAL CANCER FOLLOWING ESOPHAGEAL ENDOSCOPIC SUBMUCOSAL DISSECTION AND SYNCHRONOUS HEAD AND NECK CANCER: A RETROSPECTIVE STUDY AT A SINGLE MEDICAL CENTER IN SOUTHERN TAIWAN**

Yu-Chieh Tsai, Chih-Chien Yao, Yu-Chi Lee, Cheng-Kun Wu, Chih-Ming Liang, Chiu Yi-Chun, Seng-Kee Chuah, Wei-Chen Tai

Division of Hepatogastroenterology, Department of Internal Medicine, Kaohsiung Chang Gung Memorial Hospital, Kaohsiung, Taiwan

表淺性食道癌經食道接受內視鏡黏膜下剝離術與同步頭頸癌的關聯：台灣南部某醫學中心的回顧性研究

蔡雨潔 姚志謙 李育騏 吳鎮坤 梁志明 邱逸群 蔡成枝 戴維震  
高雄長庚紀念醫院胃腸肝膽科

P.132 **AUTOMATED IDENTIFICATION OF MUSCLE LOSS ON COMPUTED TOMOGRAPHY IMAGING PREDICTS POOR SURVIVAL IN ESOPHAGEAL CANCER PATIENTS RECEIVING CHEMORADIOTHERAPY**

Wei-Chen Lin<sup>1</sup>, Hsueh-Chien Chiang<sup>1</sup>, Nan-Tsing Chiu<sup>2</sup>, Ta-Jung Chung<sup>2</sup>, Hsing-Yu Lee<sup>2</sup>, Forn-Chia Lin<sup>3</sup>, Bor-Shyang Sheu<sup>1</sup>, Wei-Lun Chang<sup>1</sup>

<sup>1</sup>Department of Internal Medicine, National Cheng Kung University Hospital, College of Medicine, National Cheng Kung University, Tainan, Taiwan

<sup>2</sup>Department of Medical Imaging, National Cheng Kung University Hospital, College of Medicine, National Cheng Kung University, Tainan, Taiwan

<sup>3</sup>Department of Oncology, National Cheng Kung University Hospital, College of Medicine, National Cheng Kung University, Tainan, Taiwan

從電腦斷層影像自動辨別食道癌病人於化放療期間的肌肉流失可以預測病人存活

林韋辰<sup>1</sup> 姜學謙<sup>1</sup> 邱南津<sup>2</sup> 鍾達榮<sup>2</sup> 李星佑<sup>2</sup> 林逢嘉<sup>3</sup> 許博翔<sup>1</sup> 張維倫<sup>1</sup>

<sup>1</sup> 國立成功大學醫學院附設醫院內科部

<sup>2</sup> 國立成功大學醫學院附設醫院影像醫學部

<sup>3</sup> 國立成功大學醫學院附設醫院腫瘤醫學部

P.133 **COMPARATIVE SHORT-TERM COMPLICATIONS OF PERCUTANEOUS ENDOSCOPIC GASTROSTOMY VERSUS NASOGASTRIC TUBE NUTRITIONAL SUPPORT: A RETROSPECTIVE COHORT STUDY**

Chien-Hua Chen<sup>1</sup>, Chung-Hung, Chen<sup>2</sup>

<sup>1</sup>Division of Gastroenterology, Department of Internal Medicine, Show Chwan Memorial Hospital, Changhua, Taiwan

<sup>2</sup>Division of Gastroenterology, Department of Internal Medicine, Chang Bing Show Chwan Memorial Hospital, Changhua, Taiwan

比較經皮內視鏡胃造口術與傳統鼻胃管短期使用的併發症：一篇回溯性研究評估

陳建華<sup>1</sup> 陳忠宏<sup>2</sup>

<sup>1</sup>彰化秀傳紀念醫院腸胃科

<sup>2</sup>彰濱秀傳紀念醫院腸胃科

P.134 **THE EFFICACY OF PROTON PUMP INHIBITORS FOR LARYNGOPHARYNGEAL SYMPTOMS IN SYMPTOMATIC CERVICAL INLET PATCH PATIENTS: A PILOT STUDY IN TAIWAN**

Yoen-Young Chuah<sup>1,2</sup>, Lian-Feng Lin<sup>1</sup>, Chia-Jung Kuo<sup>1</sup>, Seng-Howe Nguang<sup>1</sup>, Yi-Chun Chan<sup>1</sup>, Chung-Fong Lin<sup>1</sup>, Lin-Suei Jhang<sup>1</sup>, Yeong Yeh Lee<sup>3</sup>, Chu-Kuang Chou<sup>4</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Ping Tung Christian Hospital, Pingtung, Taiwan

<sup>2</sup>Department of Nursing, Mei Ho University, Pingtung, Taiwan

<sup>3</sup>Department of Medicine, School of Medical Sciences, Universiti Sains Malaysia, Kubang Kerian, Kelantan, Malaysia

<sup>4</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Ditmanson Medical Foundation Chia-Yi Christian Hospital, Chiayi, Taiwan

氫離子幫浦抑制劑對有症狀食道入口斑塊患者的咽喉症狀之療效研究

蔡元榮<sup>1,2</sup> 林連豐<sup>1</sup> 郭志榮<sup>1</sup> 阮盛榮<sup>1</sup> 詹益群<sup>1</sup> 林群峰<sup>1</sup> 張琳遂<sup>1</sup> 李永葉<sup>3</sup> 周莒光<sup>4</sup>

<sup>1</sup>屏東基督教醫院胃腸肝膽科

<sup>2</sup>美和科技大學護理系

<sup>3</sup>馬來西亞理科大學醫學院

<sup>4</sup>嘉義基督教醫院胃腸肝膽科

P.135 **CHARACTERISTICS OF SMALL BOWEL TUMORS DIAGNOSED BY SINGLE-BALLOON ENTEROSCOPY**

Chin-Yu Liao<sup>1</sup>, Chi-Yu Lee<sup>1</sup>, Wei-Chen Lin<sup>1</sup>, Ting-Churn Wong<sup>1</sup>, Ching-Wei Chang<sup>1,2,3</sup>, Ming-Jen Chen<sup>1,2,3</sup>, Chen-Wang Chang<sup>1,2,3</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, MacKay Memorial Hospital, Taipei, Taiwan

<sup>2</sup>MacKay Junior College of Medicine, Nursing and Management, New Taipei City, Taiwan

<sup>3</sup>Department of Medicine, MacKay Medical College, New Taipei City, Taiwan

經由單氣囊小腸鏡診斷的小腸腫瘤特徵

廖竟妤<sup>1</sup> 李騏宇<sup>1</sup> 林煒晟<sup>1</sup> 翁鼎淳<sup>1</sup> 張經緯<sup>1,2,3</sup> 陳銘仁<sup>1,2,3</sup> 章振旺<sup>1,2,3</sup>

<sup>1</sup>馬偕紀念醫院胃腸肝膽科

<sup>2</sup>馬偕醫護管理專科學校

<sup>3</sup>馬偕醫學院醫學系

P.136 **BALLOON ENTEROSCOPY-ASSISTED ENDOSCOPIC RETROGRADE CHOLANGIOPANCREATOGRAPHY FOR THE TREATMENT OF BILIARY DISEASES IN SURGICALLY ALTERED ANATOMY PATIENTS: A SINGLE-CENTERED RETROSPECTIVE STUDY**

Wei-Ming Weng<sup>1</sup>, Szu-Chia Liao<sup>1,2</sup>, Chung-Hsin Chang<sup>1</sup>, Chia-Chang Chen<sup>1,2</sup>, Sz-luan Shiu<sup>1</sup>, Yi-Chun Liao<sup>1,2</sup>, Hsin-Ju Tsai<sup>1,2</sup>, Yen-Chun Peng<sup>1</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Taichung Veterans General Hospital, Taichung, Taiwan

<sup>2</sup>Department of Post-Baccalaureate, College of Medicine, National Chung Hsing University, Taichung, Taiwan

### 球囊內視鏡輔助的內鏡逆行胰膽管造影術在有外科改道患者中治療膽道疾病：單中心回顧性研究

翁偉銘<sup>1</sup> 廖思嘉<sup>1,2</sup> 張崇信<sup>1</sup> 陳家昌<sup>1,2</sup> 許斯淵<sup>1</sup> 廖苡君<sup>1,2</sup> 蔡焯儒<sup>1,2</sup> 彭彥鈞<sup>1</sup>

<sup>1</sup> 臺中榮民總醫院胃腸肝膽科

<sup>2</sup> 國立中興大學學士後醫學系

### P.137 THE EFFECT OF BALLOON PRESSURE ON ENDOSCOPIC PAPILLARY BALLOON DILATION FOR COMMON BILE DUCT STONES

Wei-Chih Sun<sup>1,2</sup>, Chia-Ming Lu<sup>1</sup>, Yun-Da Li<sup>1</sup>, Tzung-Jiun Tsai<sup>1,3</sup>, Wei-Lun Tsai<sup>1,3,4</sup>, Feng-Woei Tsay<sup>1,3</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan

<sup>2</sup>Institute of Biomedical Sciences, National Sun Yat-sen University, Kaohsiung, Taiwan

<sup>3</sup>School of Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan

<sup>4</sup>Division of General Internal Medicine, Department of Internal Medicine, Kaohsiung Veterans General Hospital, Kaohsiung, Taiwan

### 氣球壓力對於內視鏡乳突氣球擴張術在總膽管結石治療之影響

孫煒智<sup>1,2</sup> 呂家名<sup>1</sup> 李昀達<sup>1</sup> 蔡駱圳<sup>1,3</sup> 蔡維倫<sup>1,3,4</sup> 蔡峯偉<sup>1,3</sup>

<sup>1</sup> 高雄榮民總醫院胃腸肝膽科

<sup>2</sup> 國立中山大學生物醫學研究所

<sup>3</sup> 國立陽明交通大學醫學系

<sup>4</sup> 高雄榮民總醫院一般內科

### P.138 COMPARISON OF COMMON BILE DUCT STONE INDUCED ACUTE CHOLANGITIS WITH AND WITHOUT PANCREATITIS

Kuan-Ting Liu, Yung-Kuan Tsou

Department of Gastroenterology and Hepatology, Linkou Chang Gung Memorial Hospital, Taoyuan, Taiwan

### 總膽管結石引起急性膽管炎有無合併胰臟炎的比較性研究

劉冠廷 鄒永寬

林口長庚紀念醫院胃腸肝膽科

### P.139 CLINICAL AND PSYCHOPHYSIOLOGICAL CHARACTERISTICS OF REFLUX PATIENTS WITH NORMAL ACID EXPOSURE: THE ROLE OF MEAN NOCTURNAL BASELINE IMPEDANCE

Wei-Yi Lei<sup>1</sup>, Jen-Hung Wang<sup>2</sup>, Jui-Sheng Hung<sup>1</sup>, Ming-Wun Wong<sup>1</sup>, Chih-Hsun Yi<sup>1</sup>, Tso-Tsai Liu<sup>1</sup>, Chien-Lin Chen<sup>1</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Hualien, Taiwan

<sup>2</sup>Department of Medical Research, Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Hualien, Taiwan

## 酸暴露正常逆流患者臨床與生理心理特徵之表現：平均夜間基礎阻抗之角色

雷尉毅<sup>1</sup> 王仁宏<sup>2</sup> 洪睿勝<sup>1</sup> 翁銘鈺<sup>1</sup> 易志勳<sup>1</sup> 劉作財<sup>1</sup> 陳健麟<sup>1</sup>

<sup>1</sup>佛教慈濟醫療財團法人花蓮慈濟醫院肝膽腸胃科

<sup>2</sup>佛教慈濟醫療財團法人花蓮慈濟醫院研究醫學部

### P.140 **COUGH REFLUX SCORE PREDICTS GASTROESOPHAGEAL REFLUX IN PATIENTS WITH LARYNGOPHARYNGEAL SYMPTOMS BUT IS UNRELATED TO SYMPTOM SEVERITY OR PSYCHOLOGICAL DISTRESS**

Ming-Wun Wong<sup>1</sup>, Chih-Hsun Yi<sup>1</sup>, Tso-Tsai Liu<sup>1</sup>, Wei-Yi Lei<sup>1</sup>, Jui-Sheng Hung<sup>1</sup>, Jen-Hung Wang<sup>2</sup>, Chien-Lin Chen<sup>1</sup>

<sup>1</sup>Division of Gastroenterology and Hepatology, Department of Internal Medicine, Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Hualien, Taiwan

<sup>2</sup>Department of Medical Research, Hualien Tzu Chi Hospital, Buddhist Tzu Chi Medical Foundation, Hualien, Taiwan

## COUGH RefluX 評分系統能預測咽喉逆流症狀患者胃食道逆流情況但和身心症狀嚴重度無關

翁銘鈺<sup>1</sup> 易志勳<sup>1</sup> 劉作財<sup>1</sup> 雷尉毅<sup>1</sup> 洪睿勝<sup>1</sup> 王仁宏<sup>2</sup> 陳健麟<sup>1</sup>

<sup>1</sup>佛教慈濟醫療財團法人花蓮慈濟醫院肝膽腸胃科

<sup>2</sup>佛教慈濟醫療財團法人花蓮慈濟醫院研究醫學部

### P.141 **METABOLIC-ASSOCIATED STEATOTIC LIVER DISEASE AND ADENOMATOUS COLON POLYPS: RISK ASSESSMENT USING MACHINE LEARNING**

Jen Yu<sup>1</sup>, Ming-Ling Chang<sup>1,2</sup>, Chia-Yu Lai<sup>3</sup>, Chieh Lee<sup>4</sup>, Tsung-Hsing Chen<sup>1,2</sup>

<sup>1</sup>Department of Gastroenterology and Hepatology, Chang Gung Memorial Hospital, Linkou Medical Center, Taoyuan, Taiwan

<sup>2</sup>College of Medicine, Chang Gung University, Taoyuan, Taiwan

<sup>3</sup>Department of Management Information Systems, National Pingtung University of Science and Technology, Pingtung, Taiwan

<sup>4</sup>Department of Information and Management, National Sun Yat-sen University, Kaohsiung, Taiwan

## 代謝相關脂肪肝病者腺性結腸息肉的風險評估及機器學習風險分層分析

游仁<sup>1</sup> 張明鈴<sup>1,2</sup> 賴佳瑜<sup>3</sup> 李捷<sup>4</sup> 陳聰興<sup>1,2</sup>

<sup>1</sup>林口長庚紀念醫院胃腸肝膽科

<sup>2</sup>長庚大學醫學院

<sup>3</sup>國立屏東科技大學資訊管理系

<sup>4</sup>國立中山大學資訊管理學系

P.142 **EFFECT MODIFICATION OF RISK BEHAVIORS AND POLYMORPHISMS OF ADH1B, ALDH2, AND ALDH3A1 GENES FOR ESOPHAGEAL SQUAMOUS CELL CARCINOMA IN TAIWAN**

Ming-Hung Hsu<sup>1</sup>, Sin-Hua Moi<sup>2</sup>, Ching-Tai Lee<sup>1</sup>, Wen-Lun Wang<sup>1,3</sup>, Che-Hong Chen<sup>4</sup>

<sup>1</sup>Department of Internal Medicine, E-Da Hospital/I-Shou University, Kaohsiung, Taiwan

<sup>2</sup>Graduate Institute of Clinical Medicine College of Medicine Kaohsiung Medical University, Kaohsiung, Taiwan

<sup>3</sup>School of Medicine, College of Medicine, I-Shou University, Kaohsiung, Taiwan

<sup>4</sup>Department of Chemical and Systems Biology, Stanford University School of Medicine, Stanford, CA, USA

危險行為與 ADH1B、ALDH2、ALDH3A1 基因多態性對台灣地區食道鱗狀細胞癌的交互作用修飾效應

徐銘宏<sup>1</sup> 魏芯樺<sup>2</sup> 李青泰<sup>1</sup> 王文瑜<sup>1,3</sup> 陳哲宏<sup>4</sup>

<sup>1</sup>義大醫院內科部

<sup>2</sup>高雄醫學大學臨床醫學研究所

<sup>3</sup>義守大學醫學系

<sup>4</sup>史丹佛大學醫學院化學及系統生物研究所

P.143 **SURVIVAL BENEFIT OF PANCREATIC ENZYME REPLACEMENT THERAPY IN PATIENTS WITH UNRESECTED PANCREATIC HEAD CANCER: A RETROSPECTIVE COHORT STUDY**

Weng-Fai Wong<sup>1</sup>, Yu-Ting Kuo<sup>1</sup>, Ming-Lun Han<sup>1</sup>, Hsiu-Po Wang<sup>2</sup>

<sup>1</sup>Department of Integrated Diagnostics & Therapeutics, National Taiwan University Hospital, Taipei, Taiwan

<sup>2</sup>Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan

胰臟酵素替代療法對未切除之胰頭癌症患者的生存益處：一項回溯性世代研究

黃永輝<sup>1</sup> 郭雨庭<sup>1</sup> 韓明倫<sup>1</sup> 王秀伯<sup>2</sup>

<sup>1</sup>國立臺灣大學醫學院附設醫院綜合診療部

<sup>2</sup>國立臺灣大學醫學院附設醫院內科部

P.144 **CLINICAL CHARACTERISTICS OF FUNCTIONAL DYSPEPSIA WITH OVERLAPPING IRRITABLE BOWEL SYNDROME**

Yen-Po Wang<sup>1,2,3</sup>, Po-Shan Wu<sup>4,5</sup>, Pei-Yi Liu<sup>1</sup>, Ming-Chih Hou<sup>1,2,3</sup>, Ching-Liang Lu<sup>1,2,3,5</sup>

<sup>1</sup>Endoscopy Center of Diagnosis and Treatment, Department of Medicine, Taipei Veterans General Hospital, Taipei, Taiwan

<sup>2</sup>Division of Gastroenterology, Department of Medicine, Taipei Veterans General Hospital, Taipei, Taiwan

<sup>3</sup>School of Medicine, National Yang Ming Chiao Tung University Hospital, Taipei, Taiwan

<sup>4</sup>Department of Dietetics and Nutrition, Taipei Veterans General Hospital, Taipei, Taiwan

<sup>5</sup>Institute of Brain Science, National Yang Ming Chiao Tung University Hospital, Taipei, Taiwan

功能性消化不良症合併大腸急躁症患者之臨床特性

王彥博<sup>1,2,3</sup> 吳柏姍<sup>4,5</sup> 劉佩怡<sup>1</sup> 侯明志<sup>1,2,3</sup> 盧俊良<sup>1,2,3,5</sup>

<sup>1</sup> 臺北榮民總醫院內視鏡診斷與治療中心

<sup>2</sup> 臺北榮民總醫院胃腸肝膽科

<sup>3</sup> 國立陽明交通大學醫學系

<sup>4</sup> 臺北榮民總醫院營養部

<sup>5</sup> 國立陽明交通大學腦科學研究所

P.145 **FEASIBILITY OF NEWLY DESIGNED ROTATABLE SPHINCTEROTOME FOR ENDOSCOPIC SPHINCTEROTOMY**

Yasuki Hori, Kazuki Hayashi, Itaru Naitoh, Hiromi Kataoka

Department of Gastroenterology and Metabolism, Nagoya City University Graduate School of Medical Sciences, Nagoya, Japan

P.146 **SAFETY OF PERFORMING ENDOSCOPIC ULTRASOUND-GUIDED FINE NEEDLE BIOPSY IN OUTPATIENTS**

Ryosuke Tonozuka, Kento Shionoya, Takayoshi Tsuchiya, Reina Tanaka, Kazumasa Nagai, Kenjiro Yamamoto, Yukitoshi Matsunami, Hiroyuki Kojima, Hirohito Minami, Noriyuki Hirakawa, Takao Itoi

Dept. of Gastroenterology and Hepatology, Tokyo Medical University, Tokyo, Japan

P.147 **IMPACT OF ENDOSCOPIC ULTRASOUND-GUIDED FINE NEEDLE BIOPSY USING A NOVEL NEEDLE FOR PANCREATIC TUMORS AND PERIDIGESTIVE TRACT LESIONS**

Momoko Iina, Kento Shionoya, Shuntaro Mukai, Ryosuke Tonozuka, Takayoshi Tsuchiya, Reina Tanaka, Ryosuke Tonozuka, Kenjiro Yamamoto, Kazumasa Nagai, Yukitoshi Mastunami, Hiroyuki Kojima, Hirohito Minami, Noriyuki Hirakawa, Takao Itoi

Department of Gastroenterology and Hepatology, Tokyo Medical University, Japan

P.148 **INTRAPROCEDURAL HOLOGRAM SUPPORT WITH MIXED-REALITY TECHNIQUE IN ERCP FOR THE TREATMENT OF BILE LEAKAGE**

K. Nagai, H. Minami, A. Sofuni, K. Sugimoto, T. Tsuchiya, R. Tonozuka, S. Mukai, K. Yamamoto, R. Tanaka, Y. Matsunami, H. Kojima, N. Hirakawa, K. Shionoya, Yasuhiro Shimizu, Takao Itoi

Department of Gastroenterology and Hepatology Tokyo Medical University Japan

P.149 **BARRETT'S ESOPHAGEAL ADENOCARCINOMA DIAGNOSED BY HEALTH CHECK-UP ESOPHAGOGASTRODUODENOSCOPY AND TREATMENT: A RETROSPECTIVE STUDY**

Hidetaka Ohta, Atsushi Miwa

Gastroenterology and Endoscopy, Kurosawa Hospital, Gunma, Japan General Technical Office, Kurosawa Hospital, Gunma, Japan

P.150 **UPPER GASTROINTESTINAL BLEEDING DUE TO RARE CAUSES: LAPAROSCOPIC APPROACH AND MANAGEMENT**

Nghe Huynh, Trung Le, Hanh Tran, Luu Le  
Nguyen Tri Phuong Hospital, Vietnam Ho Chi Minh City University of Medicine and Pharmacy,  
Vietnam

P.151 **CLINICAL EFFICACY OF SNARE TIP PRECUTTING ENDOSCOPIC MUCOSAL RESECTION IN 15-20 MM NON-PEDUNCULATED COLORECTAL NEOPLASMS: A PROSPECTIVE RANDOMIZED MULTICENTER STUDY**

Yunho Jung<sup>1</sup>, Seong-Jung Kim<sup>2</sup>, Chang Kyo Oh<sup>3</sup>, Seong Woo Choi<sup>1</sup>, Tae-Geun Gweon<sup>4</sup>

<sup>1</sup>Department of Medicine, Soonchunhyang University Cheonan Hospital, Soonchunhyang University College of Medicine, Cheonan, Korea

<sup>2</sup>Department of Internal Medicine, College of Medicine, Chosun University, Gwangju, Korea

<sup>3</sup>Department of Internal Medicine, Hallym University Gangnam Sacred Heart Hospital, Hallym University College of Medicine, Seoul, Korea

<sup>4</sup>Department of Internal Medicine, College of Medicine, The Catholic University of Korea, Seoul, Korea

P.152 **TRIGLYCERIDE GLUCOSE INDEX (TYG INDEX) AND RISK OF COLORECTAL ADENOMA: A CHASID MULTICENTER STUDY**

Dae Sung Kim, Hoon Sup Koo, and Kyu Chan Huh

Division of Gastroenterology, Department of Internal Medicine, Konyang University College of Medicine, Daejeon, Korea

P.153 **INCIDENCE OF VENOUS THROMBOEMBOLISM IN ASIAN PATIENTS WITH INFLAMMATORY BOWEL DISEASE: SYSTEMATIC REVIEW AND META-ANALYSIS**

Ju Hye song<sup>1</sup>, Dae Sung Kim<sup>2</sup>, Hoon Sup Koo<sup>2</sup>, Sung Ryul Shim<sup>3</sup>, Joo Hye Song<sup>1</sup> Kyu Chan Huh<sup>2</sup>

<sup>1</sup>Department of Internal Medicine, Konkuk University Medical Center, Konkuk University School of Medicine, Seoul, Republic of Korea

<sup>2</sup>Division of Gastroenterology, Department of Internal Medicine, Konyang University College of Medicine, Daejeon, Republic of Korea

<sup>3</sup>Department of Biomedical Informatics, College of Medicine, Konyang University, Daejeon, Republic of Korea

P.154 **ENDOSCOPIC ULTRASONOGRAPHY FOR SUBMUCOSAL CUSHION MEASUREMENT TO DETERMINE ELIGIBILITY FOR ENDOSCOPIC SUBMUCOSAL DISSECTION IN ULCERATIVE COLITIS-ASSOCIATED DYSPLASIA: A CASE SERIES**

Kyuwon Kim<sup>1</sup>, Seung Wook Hong<sup>2</sup>, Sung Wook Hwang<sup>2</sup>, Sang Hyoung Park<sup>2</sup>, Byong Duk Ye<sup>2</sup>, Jeong-Sik Byeon<sup>2</sup>, Seung-Jae Myung<sup>2</sup>, Suk-Kyun Yang<sup>2</sup>, Dong-Hoon Yang<sup>2</sup>

<sup>1</sup>Department of Gastroenterology, University of Ulsan College of Medicine, Asan Medical Center, Seoul, Korea

<sup>2</sup>Department of Gastroenterology, Chung-Ang University College of Medicine, Internal medicine, Chung-Ang University Hospital, Seoul, Korea

P.155 **MINI-PROBE ENDOSCOPIC ULTRASOUND FOLLOWED BY SUBMUCOSAL SALINE INJECTION: POTENTIAL ROLE IN THERAPEUTIC DECISION-MAKING FOR COLORECTAL SUBEPITHELIAL TUMORS**

Jung-Bin Park<sup>1</sup>, Ji Eun Baek<sup>1</sup>, June Hwa Bae<sup>1</sup>, Seung Wook Hong<sup>1</sup>, Sung Wook Hwang<sup>1,2,3</sup>, Sang Hyoung Park<sup>1,2</sup>, Byong Duk Ye<sup>1,2</sup>, Jeong-Sik Byeon<sup>1</sup>, Seung-Jae Myung<sup>1,3</sup>, Suk-Kyun Yang<sup>1,2</sup>, Dong-Hoon Yang<sup>1,3</sup>

<sup>1</sup>Department of Gastroenterology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Republic of Korea

<sup>2</sup>Inflammatory Bowel Disease Center, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Republic of Korea

<sup>3</sup>Digestive Disease Research Center, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Republic of Korea

October 5, 2024

## Satellite Symposium (1) – Gilead

Venue : Conference Room A, 8F of Kaohsiung Marriott Hotel  
(高雄萬豪酒店 8 樓萬享 A 廳)

Time	Topic	Speaker	Moderator
12:15-12:25	Welcome and Opening Remarks	Chia-Yen Dai 戴嘉言 Kaohsiung Medical University Chung-Ho Memorial Hospital 高雄醫學大學附設中和紀念醫院	
12:25-12:55	FIVE Things to Know about Management of HBV Patients	Tsung-Hui Hu 胡琮輝 Kaohsiung Chang Gung Memorial Hospital 高雄長庚紀念醫院	Chia-Yen Dai 戴嘉言 Kaohsiung Medical University Chung-Ho Memorial Hospital 高雄醫學大學附設中和紀念醫院
12:55-13:25	ONE Team to Find HCV Patients	Horng-Yi Ou 歐弘毅 National Cheng Kung University Hospital 成大醫院	Jia-Horng Kao 高嘉宏 National Taiwan University Hospital 台大醫院
13:25-13:35	Panel Discussion and Closing Remarks	All Speakers	Jia-Horng Kao 高嘉宏 National Taiwan University Hospital 台大醫院



October 5, 2024

**Satellite Symposium (2) – Yuan Yu**

Venue : Conference Room B, 8F of Kaohsiung Marriott Hotel  
 (高雄萬豪酒店 8 樓萬享 D 廳)

Time	Topic	Speaker	Moderator
12:15-12:20	Opening	Ming-Chih Hou 侯明志 Taipei Veterans General Hospital 臺北榮民總醫院	
12:20-12:50	Elevating the Standard of Endoscopy with X1, TXI, NBI, RDI etc	Mohan J Ramchandani Asian Institute of Gastroenterology India	Cheng-Tang Chiu 邱正堂 Linkou Chang Gung Memorial Hospital 林口長庚紀念醫院
12:50-12:55	Q&A		
12:55-13:25	Clinical Benefits of Advanced Endoscopy. How Does It Impact Your Practice?	Yasushi Sano 佐野寧 Sano Hospital Japan	Han-Mo Chiu 邱瀚模 National Taiwan University Hospital 台大醫院
13:25-13:35	Q&A Closing	Han-Mo Chiu 邱瀚模 National Taiwan University Hospital 台大醫院	



October 5, 2024

## Satellite Symposium (3) – Abbvie

### Be F8st, Let Test and Treat Lead the Elimination Way!

Venue : Conference Room C, 8F of Kaohsiung Marriott Hotel  
(高雄萬豪酒店 8 樓萬享 E 廳)

Time	Topic	Speaker	Moderator
12:15-12:20	Opening	Chun-Jen Liu 劉俊人 National Taiwan University Hospital 台大醫院	
12:20-12:50	How to Acceler8 Treatment for HCV/DM Patients 8-Week Maviret for HCV/DM Patients	Shih-Jer Hsu 徐士哲 National Taiwan University Hospital 台大醫院	Chun-Jen Liu 劉俊人 National Taiwan University Hospital 台大醫院
12:50-13:20	How to Meet Referral Patients' Needs To Acceler8 HCV Elimination 8-Week Maviret from TACR RWE	Ping-Jen Hu 胡炳任 Shuang Ho Hospital 衛生福利部雙和醫院	Chia-Yen Dai 戴嘉言 Kaohsiung Medical University Chung-Ho Memorial Hospital 高雄醫學大學附設中和紀念醫院
13:20-13:35	Plenary Discussion	All	



October 5, 2024

**Satellite Symposium (4) – BMS**

Venue : Conference Room D, 8F of Kaohsiung Marriott Hotel  
 (高雄萬豪酒店 8 樓皇愉會議室 8-1)

Time	Topic	Speaker	Moderator
12:15-12:55	Managing Hepatitis B in Immunosuppressed Populations	Hung-Chih Yang 楊宏志 National Taiwan University Hospital 台大醫院	Ming-Lung Yu 余明隆 Kaohsiung Medical University Chung-Ho Memorial Hospital 高雄醫學大學附設中和紀念醫院
12:55-13:35	Chronic Hepatitis B Treatment: A Review of Patients in the Gray Zone	Wen-Juei Jeng 鄭文睿 Linkou Chang Gung Memorial Hospital 林口長庚紀念醫院	Cheng-Yuan Peng 彭成元 China Medical University Hospital 中國醫藥大學附設醫院



October 5, 2024

## Satellite Symposium (5) – Menarini

### How to Reduce IBS Symptom Relapse from 15 Weeks Cyclic Treatment Goal?

Venue : Conference Room E, 8F of Kaohsiung Marriott Hotel  
(高雄萬豪酒店 8 樓皇愉會議室 8-2)

Time	Topic	Speaker	Moderator
12:15-12:20	Opening Remarks	Chien-Lin Chen 陳健麟 Hualien Tzu Chi Hospital 花蓮慈濟醫院	
12:20-12:55	Epidemiology, Clinical Features, and Prescribing Patterns of Irritable Bowel Syndrome in Taiwan	Ping-Huei Tseng 曾屏輝 National Taiwan University Hospital 台大醫院	Ching-Liang Lu 盧俊良 Taipei Veterans General Hospital 臺北榮民總醫院
12:55-13:30	The Role of Otilonium Bromide and 15 Weeks Cyclic Treatment Goal for IBS Patients	Po-Jun Chen 陳柏潤 National Cheng Kung University Hospital 成大醫院	
13:30-13:35	Panel Discussion	Ching-Liang Lu 盧俊良 Taipei Veterans General Hospital 臺北榮民總醫院	



October 5, 2024

**Satellite Symposium (6) – Roche**

Venue : Conference Room B, 8F of Kaohsiung Marriott Hotel  
 (高雄萬豪酒店 8 樓萬享 D 廳)

Time	Topic	Speaker	Moderator
17:10-17:40	PIVKA-II Unlocks New Possibilities in HCC Surveillance and Early Detection	Chen-Chun Lin 林成俊 Linkou Chang Gung Memorial Hospital 林口長庚紀念醫院	Chun-Yen Lin 林俊彥 Linkou Chang Gung Memorial Hospital 林口長庚紀念醫院
17:40-18:10	Current Treatment and Future Clinical Development for HCC at All Stages	Ming-Chih Ho 何明志教授 National Taiwan University Hospital Hsin-Chu Branch 新竹台大分院	Yi-Hsiang Huang 黃怡翔 Taipei Veterans General Hospital 臺北榮民總醫院
18:10-18:30	Panel Discussion	Chen-Chun Lin 林成俊 Linkou Chang Gung Memorial Hospital 林口長庚紀念醫院  Ming-Chih Ho 何明志教授 National Taiwan University Hospital Hsin-Chu Branch 新竹台大分院	Chun-Yen Lin 林俊彥 Linkou Chang Gung Memorial Hospital 林口長庚紀念醫院  Yi-Hsiang Huang 黃怡翔 Taipei Veterans General Hospital 臺北榮民總醫院



October 5, 2024

## Satellite Symposium (7) – Lotus

Venue : Conference Room C, 8F of Kaohsiung Marriott Hotel  
(高雄萬豪酒店 8 樓萬享 E 廳)

Time	Topic	Speaker	Moderator
17:10-17:40	Alcoholic Liver Disease and Current Situation in Taiwan	Hui-Chun Huang 黃惠君 Taipei Veterans General Hospital 臺北榮民總醫院	Chia-Yen Dai 戴嘉言 Kaohsiung Medical University Chung-Ho Memorial Hospital 高雄醫學大學附設中和紀念醫院
17:40-18:10	Treating Alcohol Use Disorder Comorbid with Alcoholic Liver Disease	Wan-Ju Cheng 鄭婉汝 National Health Research Institutes 國家衛生研究院	
18:10-18:30	Discussion	All Speakers	



October 5, 2024

## Satellite Symposium (8) – TSSG

Venue : Conference Room D, 8F of Kaohsiung Marriott Hotel  
(高雄萬豪酒店 8 樓皇愉會議室 8-1)

Time	Topic	Speaker	Moderator
17:40-18:30	Current Status of Robotic Liver Surgery	Yao-Ming Wu 吳耀銘 National Taiwan University Cancer Center 台大醫院癌醫中心 分院	Yih-Jyh Lin 林毅志 National Cheng Kung University Hospital 成大醫院

October 5, 2024

———— **Satellite Symposium (9) – Chi Hsing** ————

**Gut Microbiota Changes Post-*Helicobacter pylori* Eradication  
and Probiotic Supplementation:  
From Global Guidelines to Local Practices**

Venue : Conference Room E, 8F of Kaohsiung Marriott Hotel  
(高雄萬豪酒店 8 樓皇愉會議室 8-2)

Satellite Symposium

Program



Time	Topic	Speaker	Moderator
17:10-17:15	Opening	Deng-Chyang Wu 吳登強 Kaohsiung Medical University Chung-Ho Memorial Hospital 高雄醫學大學附設中和紀念醫院	
17:15-17:55	Post <i>Helicobacter pylori</i> Eradication: What Happened to the Gut Microbiota	Francisco Guarner Centro Médico Teknon Spain	Deng-Chyang Wu 吳登強 Kaohsiung Medical University Chung-Ho Memorial Hospital 高雄醫學大學附設中和紀念醫院
17:55-18:15	Local Experience of <i>Saccharomyces Boulardii</i> CNCM I-745 as the Supplementation on <i>Helicobacter pylori</i> Eradication Therapy	Chih-An Shih 石志安 Antai Tian-Sheng Memorial Hospital 安泰醫院	Jyh-Ming Liou 劉志銘 National Taiwan University Hospital 台大醫院
18:15-18:30	Panel Discussion and Closing	All Participants	

October 6, 2024

**Satellite Symposium (10) – Era**

Venue : Conference Room A, 8F of Kaohsiung Marriott Hotel  
 (高雄萬豪酒店 8 樓萬享 A 廳)

Time	Topic	Speaker	Moderator
12:15-12:45	Traction Methods and Wound Closure in Colorectal ESD	Tai Wei-Chen 戴維震 Kaohsiung Chang Gung Memorial Hospital 高雄長庚紀念醫院	Chu-Kuang Chou 周莒光 Chiayi Christian Hospital 嘉義基督教醫院
12:45-12:55	Q&A		
12:55-13:25	A New Approach on Bariatric Endoscopy – POSE Procedure with MEGA Plication – POSE Mega Weight Loss and Initial Results on MASH	Manoel Galvao Neto Orlando Health Bariatric Surgery Service USA	Chia-Yen Dai 戴嘉言 Kaohsiung Medical University Chung-Ho Memorial Hospital 高雄醫學大學附設中和紀念醫院
13:25-13:35	Q&A		



October 6, 2024

## Satellite Symposium (11) – Yuan Yu

Venue : Conference Room B, 8F of Kaohsiung Marriott Hotel  
(高雄萬豪酒店 8 樓萬享 D 廳)

Time	Topic	Speaker	Moderator
12:15-12:20	Opening	Ming-Yao Su 蘇銘堯 New Taipei Municipal Tucheng Hospital 新北市立土城醫院	
12:20-12:50	Upper Gastrointestinal Endoscopic Diagnosis Utilizing the New Endoscopy System (X1) and IEE	Tomohiro Kadota National Cancer Center Hospital East Japan	Ming-Yao Su 蘇銘堯 New Taipei Municipal Tucheng Hospital 新北市立土城醫院
12:50-12:55	Q&A		
12:55-13:25	State of the Art in EUS for the Pancreatic-Biliary Disease	Akio Katanuma 瀧沼朗生 Teine-Keijinkai Hospital Japan	Hsiu-Po Wang 王秀伯 National Taiwan University Hospital 台大醫院
13:25-13:35	Q&A Closing	Hsiu-Po Wang 王秀伯 National Taiwan University Hospital 台大醫院	



October 6, 2024

Satellite Symposium (12) – Fujifilm

Venue : Conference Room C, 8F of Kaohsiung Marriott Hotel  
(高雄萬豪酒店 8 樓萬享 E 廳)

Time	Topic	Speaker	Moderator
12:15-12:20	Opening	Yi-Hsiang Huang 黃怡翔 Taipei Veterans General Hospital 臺北榮民總醫院	
12:20-12:50	Contrast Enhanced Ultrasonography Using Sonazoid – From the Basics to Practice –	Hironori Tanaka Takarazuka City Hospital Japan	Yi-Hsiang Huang 黃怡翔 Taipei Veterans General Hospital 臺北榮民總醫院
12:50-12:55	Q&A		
12:55-13:25	Cutting Edge of Advanced Therapeutic Endoscopy	Hironori Yamamoto Jichi Medical University Japan	Han-Mo Chiu 邱瀚模 National Taiwan University Hospital 台大醫院
13:25-13:30	Q&A		
13:30-13:35	Closing	Han-Mo Chiu 邱瀚模 National Taiwan University Hospital 台大醫院	



October 6, 2024

## Satellite Symposium (13) – Takeda

Venue : Conference Room D, 8F of Kaohsiung Marriott Hotel  
(高雄萬豪酒店 8 樓皇愉會議室 8-1)

Satellite Symposium

Program



Time	Topic	Speaker	Moderator
12:15-12:20	Opening	Deng-Chyang Wu 吳登強 Kaohsiung Medical University Chung-Ho Memorial Hospital 高雄醫學大學附設中和紀念醫院	
12:20-12:50	Vonoprazan-based Eradication Therapies – A New Era of Anti-H. pylori Treatment	Ping-I Hsu 許秉毅 Tainan Municipal An Nan Hospital 臺南市立安南醫院	Deng-Chyang Wu 吳登強 Kaohsiung Medical University Chung-Ho Memorial Hospital 高雄醫學大學附設中和紀念醫院
12:50-13:20	Beyond Proton Pump Inhibitors: P-CABs – Advanced Therapeutic Option for Acid-related Diseases	Ping-Huei Tseng 曾屏輝 National Taiwan University Hospital 台大醫院	Cheng-Tang Chiu 邱正堂 Linkou Chang Gung Memorial Hospital 林口長庚紀念醫院
13:20-13:30	Interactive Discussion	Ping-I Hsu 許秉毅 Tainan Municipal An Nan Hospital 臺南市立安南醫院  Ping-Huei Tseng 曾屏輝 National Taiwan University Hospital 台大醫院	Deng-Chyang Wu 吳登強 Kaohsiung Medical University Chung-Ho Memorial Hospital 高雄醫學大學附設中和紀念醫院  Cheng-Tang Chiu 邱正堂 Linkou Chang Gung Memorial Hospital 林口長庚紀念醫院
13:30-13:35	Closing	Cheng-Tang Chiu 邱正堂 Linkou Chang Gung Memorial Hospital 林口長庚紀念醫院	

October 6, 2024

**Satellite Symposium (14) – Celltrion**

Venue : Conference Room E, 8F of Kaohsiung Marriott Hotel  
 (高雄萬豪酒店 8 樓皇愉會議室 8-2)

Time	Topic	Speaker	Moderator
12:15-12:25	Opening Remarks	Jia-Horng Kao 高嘉宏 National Taiwan University Hospital 台大醫院	
12:25-12:50	Use of Biosimilar Medications in IBD Treatment	Chen-Wang Chang 章振旺 MacKay Memorial Hospital 馬偕紀念醫院	Jia-Horng Kao 高嘉宏 National Taiwan University Hospital 台大醫院
12:50-13:15	Improving Access to Essential Medicines: The Application of Biosimilars in the World	Shao-Chin Chiang 姜紹青 Sun Yat-Sen Cancer Center 和信治癌中心醫院	
13:15-13:25	Panel Discussion	Jia-Horng Kao 高嘉宏	
13:25-13:35	Closing Remarks	National Taiwan University Hospital 台大醫院	



## Acknowledgement

The Organizing Committee would like to extend our great gratitude to the following sponsors who generously contribute and support to the success of the 2024 Taiwan Digestive Disease Week, TDDW.

(The names are arranged in alphabetical order of surname)

### Exhibition:

AbbVie Pharmaceuticals GmbH Taiwan Branch	瑞士商艾伯維藥品有限公司台灣分公司
aetherAI Co., Ltd.	雲象科技股份有限公司
AlleyPin Interactive Co., Ltd.	翔評互動股份有限公司
AstraZeneca Taiwan, Ltd.	臺灣阿斯特捷利康股份有限公司
Beautycom Biotechnology Co., Ltd.	美康生物科技有限公司
Boston Scientific International B.V. Taiwan Branch	荷商波士頓科技有限公司台灣分公司
Bristol Myers Squibb (Taiwan) Ltd.	台灣必治妥施貴賓股份有限公司
Celltrion Healthcare Taiwan Ltd.	台灣賽特瑞恩有限公司
Chi Hsing Drug Co., Ltd.	吉興藥品股份有限公司
CK Medtech Corporation	創康醫療器材股份有限公司
Cook Taiwan Ltd.	台灣曲克股份有限公司
Daiichi Sankyo Taiwan Ltd.	台灣第一三共股份有限公司
Eisai Taiwan, Inc.	衛采製藥股份有限公司
Era Biotech Enterprise Co., Ltd.	艾柏生技有限公司
Fujifilm Medical Systems Taiwan Co., Ltd.	富士軟片醫療產品股份有限公司
Genmont Biotech Inc.	景岳生物科技股份有限公司
Gilead Sciences Hong Kong Ltd. Taiwan Branch	香港商吉立亞醫藥有限公司台灣分公司
Grand Marquis IVD Co., Ltd.	育聖企業有限公司
Hong Chi Biotech Co., Ltd.	虹錡生技有限公司
Insight Medical Solutions Inc.	群曜醫電股份有限公司
Lotus Pharmaceutical Co., Ltd.	美時化學製藥股份有限公司
Merck Sharp & Dohme (I.A.) Corp. Taiwan Branch	美商默沙東藥廠股份有限公司台灣分公司
Ono Pharma Taiwan Co., Ltd.	台灣小野藥品工業股份有限公司
Pentax Medical Singapore, Pte. Ltd., Taiwan Branch	新加坡商賓得醫療器械有限公司台灣分公司
Richever Enterprise Co., Ltd.	裕心企業有限公司
Roche Diagnostics Ltd.	台灣羅氏醫療診斷設備股份有限公司
Roche Products, Ltd.	羅氏大藥廠股份有限公司
Rotary Trading Co., Ltd.	老達利貿易股份有限公司
SMAD Biotechnology Co., Ltd.	思耐得生技股份有限公司
Sysmex Taiwan Co., Ltd.	台灣希森美康股份有限公司
Taipei Li Jen Pathology Clinic	理真診所
Universal Integrated Corp.	天義企業股份有限公司
Woh Medical Co., Ltd.	沃醫學股份有限公司
Yuan Yu Industry Co., Ltd.	元佑實業股份有限公司
Zespri International Limited	紐西蘭商奇異國際有限公司



## Advertisement:

A. Menarini Singapore Pte. Ltd. Taiwan Branch	新加坡商美納里尼醫藥有限公司台灣分公司
Abbott Laboratories Services Corp. Taiwan Branch	美商亞培股份有限公司台灣分公司
Eli Lilly And Company (Taiwan), Inc.	台灣禮來股份有限公司
Hong Chi Biotech Co., Ltd.	虹錡生技有限公司
Mauris Enterprise Co., Ltd.	瑪里士實業有限公司
Novo Nordisk Pharma (Taiwan) Ltd.	台灣諾和諾德藥品股份有限公司
Premier Healthcare Solutions Co., Ltd.	信裕股份有限公司
Synmosa Biopharma Corporation	健喬信元醫藥生技股份有限公司
Takeda Pharmaceuticals Taiwan, Ltd.	台灣武田藥品工業股份有限公司
TTY Biopharma Company Limited	台灣東洋藥品工業股份有限公司
Zespri International Limited	紐西蘭商奇異國際有限公司

## Gala Dinner:

Yuan Yu Industry Co., Ltd.	元佑實業有限公司
----------------------------	----------

## Welcome Reception:

Richever Enterprise Co., Ltd.	裕心企業有限公司
-------------------------------	----------

## Satellite Symposium:

A. Menarini Singapore Pte. Ltd. Taiwan Branch	新加坡商美納里尼醫藥有限公司台灣分公司
AbbVie Pharmaceuticals GmbH Taiwan Branch	瑞士商艾伯維藥品有限公司台灣分公司
Bristol Myers Squibb (Taiwan) Ltd.	台灣必治妥施貴寶股份有限公司
Celltrion Healthcare Taiwan Ltd.	台灣賽特瑞恩有限公司
Chi Hsing Drug Co., Ltd.	吉興藥品股份有限公司
Era Biotech Enterprise Co., Ltd.	艾柏生技有限公司
Fujifilm Medical Systems Taiwan Co., Ltd.	富士軟片醫療產品股份有限公司
Gilead Sciences Hong Kong Ltd. Taiwan Branch	香港商吉立亞醫藥有限公司台灣分公司
Lotus Pharmaceutical Co., Ltd.	美時化學製藥股份有限公司
Roche Diagnostics Ltd.	台灣羅氏醫療診斷設備股份有限公司
Roche Products, Ltd.	羅氏大藥廠股份有限公司
Takeda Pharmaceuticals Taiwan, Ltd.	台灣武田藥品工業股份有限公司
Yuan Yu Industry Co., Ltd.	元佑實業股份有限公司

## Other:

General Biologicals Corp.	普生股份有限公司
Medtronic (Taiwan) Ltd.	美敦力醫療產品股份有限公司
Pharmaessentia Corporation	藥華醫藥股份有限公司

## Acknowledgement

The Organizing Committee would like to thank for the following Doctors to examine the abstracts at the 2024 Taiwan Digestive Disease Week, TDDW.

(The names are arranged in alphabetical order of surname)

### Abstracts:

Chi-Yang Chang	張吉仰	Wei-Chih Liao	廖偉智
Li-Chun Chang	張立群	Chen-Chun Lin	林成俊
Ming-Ling Chang	張明鈴	Chih-Lin Lin	林志陵
Chien-Lin Chen	陳健麟	Chun-Jung Lin	林淳榮
Chun-Nan Chen	陳俊男	Yu-Min Lin	林裕民
Wei-Ting Chen	陳威廷	Chen-Hua Liu	劉振驊
Wen-Chi Chen	陳文誌	Nai-Jen Liu	劉乃仁
Yi-Cheng Chen	陳益程	Cheng-Yuan Peng	彭成元
Pin-Nan Cheng	鄭斌男	Tze-Yu Shieh	謝子鈺
Han-Mo Chiu	邱瀚模	Ming-Yao Su	蘇銘堯
Yen-Cheng Chiu	邱彥程	Tung-Hung Su	蘇東弘
Yi-Chun Chiu	邱逸群	Cheuk-Kay Sun	孫灼基
Seng-Kee Chuah	蔡成枝	Chi-Ming Tai	戴啓明
Chiao-Hsiung Chuang	莊喬雄	Wei-Chen Tai	戴維震
Chao-Wei Hsu	許朝偉	Yun-Wen Tien	田郁文
Shih-Jer Hsu	徐士哲	Ming-Chang Tsai	蔡明璋
Yao-Chun Hsu	許耀峻	Ming-Chao Tsai	蔡明釗
Ming-Luen Hu	胡銘倫	Wei-Lun Tsai	蔡維倫
Tsung-Hui Hu	胡琮輝	Chia-Chi Wang	王嘉齊
Wan-Hsiang Hu	胡萬祥	Hung-Wei Wang	王鴻偉
Chien-Hao Huang	黃建豪	Jing-Houng Wang	王景弘
Chung-Feng Huang	黃鈞峰	Yen-Po Wang	王彥博
Hui-Chun Huang	黃惠君	Kuo-Liang Wei	魏國良
Wen-Juei Jeng	鄭文睿	Cheng-Kun Wu	吳鎮琨
Wei-Yu Kao	高偉育	Chun-Ying Wu	吳俊穎
Kwong-Ming Kee	紀廣明	I-Chen Wu	吳宜珍
Chao-Hung Kuo	郭昭宏	Shih-Cheng Yang	楊世正
Yuan-Hung Kuo	郭垣宏	Ying-Ying Yang	楊盈盈
Fu-Jen Lee	李輔仁	Chih-Chien Yao	姚志謙
I-Cheng Lee	李懿成	Ming-Lun Yeh	葉明倫
Ko-Chao Lee	李克釗	Yi-Hao Yen	顏毅豪
Chih-Ming Liang	梁志明		



## YIA Judge:

Chun-Chao Chang	張君照
Ming-Jen Chen	陳銘仁
Pin-Nan Cheng	鄭斌男

## Research Award – Liver Judge:

Chao-Hung Hung	洪肇宏
Teng-Yu Lee	李騰裕
Chien-Wei Su	蘇建維

## Research Award – GI Judge:

Yin-Yi Chu	朱允義
Hsiang-Yao Shih	施翔耀
Hsu-Heng Yen	顏旭亨



會場飯店位置圖 Venue / Hotel Location Map



會場位置：高雄萬豪酒店8樓 | 高雄市鼓山區龍德新路222號8樓  
 Venue: 8F, Kaohsiung Marriott Hotel | 8F, No. 222, Longdesin Rd., Gushan Dist., Kaohsiung City



**高鐵** (距離酒店約4公里)

- 高鐵左營站搭乘捷運紅線至R31凹子底站。(車程約8分鐘)
- 從凹子底站2號出口步行約500公尺至高雄萬豪酒店。(約8分鐘可抵達酒店)



**捷運** (距離酒店約500公尺)

- 搭乘紅線至R13凹子底站，從2號出口步行約500公尺至高雄萬豪酒店。(約8分鐘可抵達酒店)



**計程車**

- 小港國際機場出發，車程約30分鐘。(車資約 NTD 315 - 345)
- 高鐵左營站出發，車程約15分鐘。(車資約 NTD 165 - 185)

**P 停車場**

- 高雄萬豪酒店  
B1~B2：機車停車場 B3~B6：汽車停車場 (車位有限)
- 裕順停車場  
每30分鐘收費15元，每日最高上限120元。  
標準停車位671格，無障礙停車位14格。

**飯店接駁車**

- 平日：14:00 ~ 20:30
- 假日：13:00 ~ 19:30  
(循環每30分鐘一班，實際到站時間視車況調整)



凹子底站 2號出口    龍德新路 萬豪酒店    凹子底站 2號出口



