

The background of the entire image is a vibrant, artistic illustration of tropical flora. It features large, dark green leaves with prominent veins, interspersed with a variety of colorful flowers. These include purple orchids, yellow hibiscus, pink plumeria, and white frangipani. The overall style is painterly and lush. A semi-transparent white rectangular box is positioned at the top, containing the text 'AMERICAN PANCREATIC ASSOCIATION' and 'JAPAN PANCREAS SOCIETY'. A larger, semi-transparent white rectangular box with a dark blue border is centered in the image, containing the main event title and dates.

**AMERICAN PANCREATIC ASSOCIATION
JAPAN PANCREAS SOCIETY**

**50th
ANNIVERSARY
MEETING**

November 6-9, 2019 | Grand Wailea | Maui Hawaii

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Maui, Hawaii

November 6 – 9, 2019

Message from the APA President



50 years. Yes, it's true! This year the American Pancreatic Association (APA) will celebrate its 50 anniversary and we will again join hands with the Japanese Pancreas Society (JPS), also celebrating 50 years, with a joint meeting in Maui, Hawaii. Based on the record number of abstracts received, this meeting promises to be one of the largest and best ever for the APA with close to 800 attendees from North America, Japan, China, and both western plus eastern Europe.

I must admit, I fondly remember my first introduction to APA in the mid-1980s in one of those earlier annual meetings at the Ambassador West in Chicago. We hunkered comfortably inside while the wind blew fiercely off Lake Michigan and happily listened to endless presentations about pancreatic disorders. I was a new academic then, one of very few women, and the only medical oncologist in the room. But I was impressed with the passion of the surgeons and gastroenterologists working to understand the biology and management of complex pancreatic disease. The APA gave me many opportunities personally for academic growth since, at that time, very little attention was given to studying pancreatic cancer, even in oncology.

We all owe a big debt of gratitude to Founder and Past President Bill Go. Without his dedication, hard work and generous financial support, we could never have reached this milestone. Dr. Go has made pancreatology, in all its dimensions, his mission in life and he has been a generous and gracious mentor to many in the field. His continued participation, advice and counsel is so appreciated. As a result of his efforts and the efforts of the many leaders who followed, the APA is now a vigorous interdisciplinary organization embracing

members beyond surgery and gastroenterology to include radiology, pathology, medical oncology, as well as basic scientists focused on physiology, biology, immunology and genetics. This makes for a rich fabric indeed.

As we have grown and evolved, there's been a need to bring more of our membership into decision-making and planning. As APA president this year, I have made sure that we have committees with more diversity and more latitude to make recommendations to the Board. As a result, we will be able to showcase more women scientists on this year's program either as speakers or chairpersons. In addition, we are working on changes to the bylaws and identifying new ways of supporting and featuring young investigators.

I have been blessed with the opportunity to serve in many leadership roles in my academic career. But for someone with an obsession for the study of pancreatic cancer, serving as the APA President holds special meaning. In this capacity, I've been privileged to serve with Board that is equally committed to the APA. I am deeply grateful to Darwin Conwell, immediate Past President and Ashok K. Saluja, Secretary-Treasurer, as well as to Board members Aida Habtezion, O. Joe Hines, Anil Rustgi, and Min Li for being generous with their time and for their constant sage advice.

In closing, I must also mention that it has been a great honor to work with the leadership of JPS especially their President, Kazuichi Okazaki, in planning this year's meeting. Working together, we feel we have produced a scientific program of the highest quality. On behalf of the membership of the APA and the APA board, we extend our gratitude to Professor Okazaki and his team for their contributions.

Margaret A. Tempero, MD

President, American Pancreatic Association

Director, UCSF Pancreas Center

Professor of Medicine, UCSF Department of Medicine



Maui, Hawaii

November 6 – 9, 2019

Message from the JPS President

Congratulations on the 50th annual meeting of the American Pancreatic Association (APA) and the third joint meeting with the sister society, Japan Pancreas Society (JPS)!

It is my great honor and pleasure to hold this joint meeting with Dr Margaret Tempero, the president of the APA. The first APA and JPS joint meeting in 2009 was held in Honolulu and the second one in the Big Island in 2014. During the 2016 joint meeting of the International Association of Pancreatology (IAP), the Asian Oceanic Pancreatic Association (AOPA), and Japan Pancreas Society (JPS) in Sendai, the APA and JPS agreed to become “Sister Societies” under the leadership of Drs Ashok K. Saluja and Vay Liang W. Go and former JPS President, Dr Tooru Shimosegawa. The memorandum of understanding (MOU) outlining the Sister Society relationship states that the two societies will have a joint scientific meeting every five years. This year is the third joint meeting and includes four named symposia (“Frank Brooks Symposium,” “Tadashi Takeuchi Symposium,” “V.L.W. Go Symposium,” and the “Paul Webster Symposium”), 12 mini-symposia, and more than 600 abstracts extensively covering pancreatology. I greatly appreciate all of the program committee members of APA/JPS, especially Dr Ashok Saluja (Treasurer of APA), Dr Margaret Tempero (President of APA), Dr Kyoichi Takaori (Chairman of the JPS program committee), and Dr Atsushi Masamune (Vice-chairman of the JPS program committee) for their distinguished leadership.



Interestingly, the JPS and the APA were founded in the same year—1969. The history of JPS dates back to the development of the Japanese Study Group of Pancreatic Diseases by a few hundred members in 1969. The successor society, JPS was established in 1985 with more than two thousand members. This year, JPS has grown to be the largest pancreatic society, with over four thousand members. The JPS has two official journals: the Japanese-language, *Suizo*, and the English-language, *Pancreas*, which is also the official journal of the APA. The first issues of both were published in 1986. Based on the friendship of Drs. Tadashi Takeuchi and Vay Liang W. Go, who were the pioneers of the JPS and the APA in the early 1990s, *Pancreas* became the official English-language journal of the JPS in 1992, symbolizing the close relationship between the two societies. Since then, the internationalization of JPS has been promoted under the leadership of five great professors, Ryoichi Tuchiya, MD, Tadashi Takeuchi, MD, Seiki Matsuno MD, Masao Tanaka, MD, and Tooru Shimosegawa, MD, the Congress Presidents of the 4, 8, 11, 14, and 20 IAP meetings, respectively.

The 2009 and 2014 APA/JPS joint meetings were greatly successful. I am sure that the third joint meeting will be fruitful and give an opportunity for not only promoting research and medical care through mutual exchange of opinions for pancreatic diseases, but also strengthening friendship among delegates from Japan, United States, and other countries in a tropical paradise.

Kazuichi Okazaki, MD, PhD

President, Japan Pancreas Society

Chairman and Professor, Department of Gastroenterology and Hepatology

Kansai Medical University, Osaka, Japan



Maui, Hawaii

November 6 – 9, 2019

Message from the Founders



Vay Liang W. Go, M.D.

It is truly a blessing and I feel great appreciation and much gratitude that the American Pancreatic Association, which was started as the Canadian/American Pancreatic Study Group to become a premier society in pancreatology. Dr. Frank Brooks, Paul Webster, and I have fulfilled our vision and mission when we first discussed this in 1968 and organized our 1969 meeting. It grows from 3 participants in the first meeting to 12 in the second year and then to more than 100 participants. We survived the cold showers at the Ambassador West Hotel in Chicago from 1977-2001. Since then, our annual meetings have been rotating in various cities at appropriate venues. In 2019, we have over 600 abstract presentations, a full 4 day program and we've contributed to and created the new discipline of pancreatology.

The backbone of our society has been the secretary-treasurers. Drs. Paul Webster, Howard Reber, Richard Bell, and Ashok Saluja with guidance and input from the presidents and council members and support of our national and international membership through the last 4 decades that has made our society a success story. Congratulations to all on our accomplishments and the celebration of our golden anniversary. I would like to extend our congratulations to our sister organization, Japan Pancreas Society in joining us in celebrating the golden anniversary of both organizations. I would also like to express my personal gratitude for allowing me to participate in your mission since 1972 and in jointly sponsoring the publication of our journal, *Pancreas*, which will celebrate 35 years of continuous publication in 2020. Special thanks to Drs. Tadashi Takeuchi, Katsuke Satake, Masao Tanaka, Tooru Shimosegawa, and Kazuichi Okazaki and the Japan Pancreas Society leadership and members for their friendship and for their outstanding contribution to pancreatology. We have now passed the baton to you and the next generation of pancreatologists and wish you continued success and prosperity.



Maui, Hawaii

November 6 – 9, 2019

Paul D. Webster, III, M.D.

I regret not being able to attend the 50th anniversary celebration of the American Pancreatic Association but medical considerations deem it best that I stay home. However, it is with great pride and pleasure that I convey my strongest congratulations to those members who have made this wonderful organization a success story.

50 years!! What an accomplishment! Bill, we must have done something right! I believe that the APA was founded to meet a need. That is to provide a forum for the presentation of clinical and basic science research related to the pancreas. A forum where investigators could present their research before those with a common interest for discussion of that research, a forum to meet, mix and exchange ideas. Research does not occur in a vacuum but is a composite of thoughts, ideas, and actions. The presence of the APA has greatly facilitated and enhanced our knowledge of diseases of the pancreas.

Bill Go has been a driving force through the years. The credit goes to many to the organizational and leadership skills of doctors Reber and Saluja, to the many who invested their time and energies in the leadership councils, to the willingness of investigators to present their research, to those who were willing to attend the meetings and participate in discussions.

One last comment, Dr. Frank Brooks would certainly be pleased. Dr. Brooks was a gentleman of the first order, and an individual who supported young investigators and young academicians, a motivator, an organizer, an inspiration, a clinical leader who was president of the American gastroenterological Association. He was supportive of Bill and I early on, when we were just two guys trying to focus interest on the pancreas.

Now it is up to the next leadership to continue for the next 25 years. I thank you for this opportunity to give my brief thoughts and expression of appreciation.



Maui, Hawaii

November 6 – 9, 2019

Message from the Secretary-Treasurer



Wow! Half a century! What an incredible milestone! We have finally matured as an organization, as has the field of Pancreatology. Though we are miles away from finding a treatment for the dreadful pancreatic diseases we focus on- pancreatitis and pancreatic cancer, I dare say, in all humility, that we are making a difference! As the incidence of these lethal diseases increases, our work as an organization is cut out for us. While we are certainly making progress, we need to redouble our efforts in order to deal a decisive blow to our formidable adversaries. It is my sincere hope that our field and our organization will find a cure in my lifetime.

I was initiated into the field of Pancreatology when I joined Dr. Michael Steer's group in Harvard, in 1982. I attended my first APA annual meeting in 1983 and the forthcoming 50 Annual meeting will be my 36 consecutive meeting. I couldn't be more excited. I have fond memories of my first APA meeting held in Chicago 1983 but do not miss the hotel we always used back then, where the hot water would run out in minutes! Clearly, we have come a long way from those days and this year's 50 meeting and celebrations with JPS at the Grand Wailea, Maui will be our biggest to date with over 900 registered guests and the highest number of women participants ever! I had the privilege of becoming the Secretary-Treasurer of the APA in 2006 and in these 13 years of service, I have seen our organization grow exponentially in members, attendees and revenues. Signing an agreement with JPS in 2016 as our sister society

is certainly one of the highlights of our growth and development and I thank Dr. Tooru Shimosegawa for seeing this partnership through. I would like to thank Dr. Masao Tanaka for his stewardship in organizing the first ever joint meeting in 2009. I would also like to thank Drs. Kazuichi Okazaki & Kyoichi Takaori; without their support, this year's meeting would not be possible.

Finally, I thank our members at large, all past and current board members and our founders; Dr. VLW (Bill) Go, Dr. Paul Webster and the late Dr. Frank Brooks, for their unwavering support. We are incredibly fortunate to have the support and goodwill of generous donors over all these years such as Ms. Agi Hirshberg, Dr. Barbara Kenner and many corporate sponsors who continue to be invested in our mission. It would be remiss of me not to acknowledge the stellar contributions of the APA staff over all these years- Ms. Erin Brudvik, Ms. Maria Fernandez, Ms. Veronica Torres and Ms. Shweta Lavania. It takes a village to make it all possible!

One of my long-cherished dreams for this organization that it emerges as a platform to promote new talent in the field of pancreatology, so that the next generation of young investigators can lead the way. Thus, every year, we sponsor numerous APA grants as well as travel support for young investigators from across the globe, so that they can be our ambassadors in the community.

After 13 years of service to the APA, I have no hesitation in saying that the APA is where all my best friends are! Over the years, we have grown together, and we will continue to forge ahead with renewed determination so that we can accomplish our mission.

Trust me, the best is yet to come!

Ashok K. Saluja, PhD

Secretary-Treasurer, American Pancreatic Association

Professor and Vice-Chair, Department of Surgery, University of Miami



Maui, Hawaii

November 6 – 9, 2019

ACCREDITATION

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the University of Miami Leonard M. Miller School of Medicine and American Pancreatic Association. The University of Miami Leonard M. Miller School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

CREDIT DESIGNATION

The University of Miami Leonard M. Miller School of Medicine designates this live activity for a maximum of **27 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

LEARNING OBJECTIVES

This activity is designed for physicians and researchers. Upon completion of this course, participants will be able to:

1. Use the latest research findings on the immunobiology of pancreatic cancer in the context of evolving treatment paradigms in the field of advanced pancreatic cancer management.
2. Screen patient's family history for genetic mutations that pre-dispose them to pancreatic diseases
3. Determine who should undergo genetic testing so that an early treatment plan can be formulated for pancreatic cancer patients.
4. Create personalized new Immunotherapeutic interventions in combination with standard of care drugs for patients with pancreatic cancer.
5. Use screening tools and genetic tests available to identify risk of cancer in their patients in order to assist with early detection of easily resectable tumors.
6. Diagnose acute and chronic pancreatitis patients in the early stages of the disease to delay the onset of pancreatic cancer.
7. Implement the latest surgical and endoscopic techniques in the treatment of pancreatic cancer at an earlier stage in patients.
8. Recognize the role of gut microbiome in improving the efficacy of immunotherapy in the treatment of pancreatic cancer.
9. Interpret current ongoing cutting-edge clinical and basic sciences clinical trials funded by the NIH that directly address the pathology and management of pancreatic cancer.
10. Evaluate the latest breakthroughs in signaling transduction in exocrine pancreas and its role in identifying druggable targets that could lead to new therapeutic strategies against pancreatic cancer.



Maui, Hawaii

November 6 – 9, 2019

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FACULTY/PLANNER DISCLOSURE SUMMARY

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In accordance with the 2004 Updated ACCME Standards for Commercial Support the University of Miami Leonard M. Miller School of Medicine requires everyone in a position to control the content of a Continuing Medical Education activity – the Course Director(s), Planning Committee Members and all individuals participating as speakers, moderators or authors to disclose all relevant financial relationships with any commercial interest. All potential conflicts of interest are identified and resolved prior to the education activity being provided to learners. Disclosure of relevant financial relationship(s) will be provided to learners prior to the beginning of the educational activity.

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Maui, Hawaii

November 6 – 9, 2019

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Maui, Hawaii

November 6 – 9, 2019

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Anne Marie Lennon	cancerseek	patent
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Maui, Hawaii

November 6 – 9, 2019

Junji Furuse	AstraZeneca, Eisai, Fujifilm, Ono, Eli Lilly Japan, Astellas, Abbvie, Shire Japan, Merck, Serono, Takarabio, MSD, Yakult, Sumitomo Dainippon, Takeda, Daiichi Sankyo, Taiho, Chugai, Sanofy	Advisory Board or Panel/ Grants/Research Support
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Maui, Hawaii

November 6 – 9, 2019

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Maui, Hawaii

November 6 – 9, 2019

The American Pancreatic Association thanks
Dr. V.L.W. (Bill) Go, Frisca Go & the entire Go family
for 50 years of service and philanthropic support to our organization and
the field of Pancreatology.



Thank you

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November 6 – 9, 2019

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November 6 – 9, 2019

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Soumya Mahapatra - AIIMS

Haijie Hu - The Johns Hopkins Hospital

Maximilian Weniger - Massachusetts General Hospital

Bomi Lee - Stanford University

Zsanett Jancso - UCLA

Nikita Sharma - University of Miami

Ejas Palathingal Bava - University of Miami

Daniel Heid - Dana-Farber Cancer Institute

Andrea Parniczky - Heim Pál National Institute for Pediatrics

William Hwang - MIT

Michelle Cooley - University of Wisconsin-Madison

Brian Huang - UCLA

Albert Farias - USC

Kate Von Alt - Massachusetts General Hospital

Anny Gravdal - University of Bergen

Lingdi Yin - Johns Hopkins University

Xunjun Xiao - Washington University

Tony Pang - University of New South Wales

Sabrina Steiner - University Hospital Zurich

Lyu Zhu - UCLA

Motoyuki Tsuda - Kindai University

Masahiro Shiihara - Tohoku University

Mingyang Liu - University of Oklahoma Health Science Center

Pedram Paragomi - UPMC

Toshimasa Takahashi - University of Toronto

Olaya Brewer Gutierrez - Johns Hopkins Hospital

Hironori Ryota - Kansai Medical University

Mengmeng Zhi - Cedars-Sinai

Qiaofei Liu - Peking Union Medical College Hospital

Chika Iwamoto - Kyushu University

Seema Chugh - University of Michigan

Dhruv Singh - Mayo Clinic

Xiuhui Shi - UOHSC

Kim Honselmann - University of Luebeck

Matilda Juusola - University of Helsinki

Hanxiang Zhan - UOHSC

Weiyu Guan - Kyushu University

Se Woo Park - Hallym University

Masami Miki - Kyushu Cancer Center

Toshikazu Kobayashi - Tohoku University

Marta Sandini - University of Heidelberg

Zheng Wang - Xi'an Jiaotong University

Nora Mattila - University of Helsinki

Yoo Jin Choi - Seoul National University Hospital

Masanori Kobayashi - Tokyo Medical and Dental University

Gabriela Vieira - Ribeirao Preto Medical School

Yuichi Hori - Kansai Medical University

Lucy Oldfield - University of Liverpool

Dandan Hu - Sun Yat-Sen University Cancer Center

Paola Arzate - INCMNSZ

Kumari Priyam - AIIMS

Tatsuo Hata - Tohoku University

Takashi Ito - Kansai Medical University

Andrea Rios - INCMNSZ

Hironori Ryota - Kansai Medical University



Maui, Hawaii

November 6 – 9, 2019



Maui, Hawaii

November 6 – 9, 2019

DISTINGUISHED SERVICE AWARD

Barbara Kenner, PhD

Founder, Kenner Family Research Fund



Dr. Barbara Kenner established the Kenner Family Research Fund (KFRF) in memory of her husband Peter, who died just two months following his diagnosis of pancreatic neuroendocrine cancer. The mission of KFRF is to further advance early detection of pancreatic cancer by actively promoting inter-professional strategic collaboration among researchers, government, industry, and patient advocacy groups.

KFRF organizes research forums on various aspects of early detection for pancreatic cancer. These forums create a platform for stakeholders to share diverse expertise and perspectives and serve to stimulate and challenge current thinking in early detection. Topics have included Early Detection of Sporadic Pancreatic Cancer Summit Conference, Lessons Learned from Other Cancers, and the Role of Industry in the Development of Biomarkers. Published articles resulting from these collaborative forums enable the information and the subsequent discussion to reach a broader audience in the pancreatic cancer community.

Under Dr. Kenner's leadership, KFRF has become involved in other early detection efforts, including the National Cancer Institute's (NCI) Alliance of Pancreatic Cancer Consortia (PCDC), the Early Detection Research Network (EDRN), and the Consortium for the Study of Chronic Pancreatitis, Diabetes, and Pancreatic Cancer (CPDPC). Dr. Kenner is also a member of the steering committee for the New Onset Diabetes/Early Detection Initiative, which is a collaborative research project between the NCI and Pancreatic Cancer Action Network.

She also serves as a patient advocate for the Stand Up To Cancer-Lustgarten Foundation Pancreatic Cancer Interception Dream Team GENERATE study, which investigates how individuals with inherited pancreatic cancer in their families make decisions about genetic testing.

Dr. Kenner is a founding member and Steering Committee member of the World Pancreatic Cancer Coalition (WPCC), a global patient advocacy group that now includes 83 organizations from 33 countries, and spans six continents. The goal of the WPCC is to raise awareness of the symptoms and risk factors of pancreatic cancer, and to drive earlier detection, with the power of many voices to amplify the message. She serves on the board of directors of the Pancreatic Cancer Action Network, the American Pancreatic Foundation, the Board of Associate Editors for *Pancreas Journal*, and the advisory committee of Let's Win! Pancreatic Cancer.

Dr. Kenner is a founding partner of Neuropsychological Assessment and Consultation Services LLP, which provides neuropsychological assessment services for children, adolescents, and adults. Her professional career and pancreatic cancer research intersect in her work on the role of depression and anxiety as precursors to pancreatic cancer. Her review of this topic "Early Detection of Pancreatic Cancer: The Role of Depression and Anxiety as a Precursor for Disease" was published in 2018 in *Pancreas*.

Dr. Kenner earned her PhD. from New York University Steinhardt School and completed pre- and postdoctoral fellowships at Mount Sinai Medical Center in New York City. A past member of the NYU Steinhardt Dean's Council, Dr. Kenner has received the school's Distinguished Alumna Achievement Award. She also serves on various boards, including the Weizmann Institute's Women in Philanthropy and the Bard College Music Festival. Most importantly, the Kenner family includes her children, Nick and Ashley Kenner, and Kate and Sam Archibald. One of her most cherished roles is that of Grandma B to Willa, Isaac, Finn, Hannah, and Chase.



Maui, Hawaii

November 6 – 9, 2019

DISTINGUISHED SERVICE AWARD

Jean Alfred Morisset, PhD
Professor, Université de Sherbrook

Dr. Morisset was born in Baie-Comeau Quebec, Canada on November 7th 1940. As a child, he moved to Rimouski across the St Laurence river where he grew up and got his Bachelor in arts in 1961. He then received his BSc(1965) and PhD(1968) degrees in biology from the Université de Sherbrooke in Sherbrooke, Quebec. His research mentor at Sherbrooke was Dr. Jacques Dunnigan, professor of biology, who got him interested in pancreatic physiology. After his PhD, he also worked as a post-doctoral fellow to the Medical College of Georgia in Augusta, Ga, under the supervision of Dr. Paul D. Webster from 1968 - 1970. In fact, he was Dr. Webster's first postdoctoral fellow. In 1970, he returned to his alma mater as a Professor of Biology until 1995, and subsequently earned an appointment as an investigator and associate professor for the medical school in the department of gastroenterology. He remains with the Université de Sherbrooke where he is an Associate Professor and continues to be an invaluable asset to the field of pancreatology.

Dr. Morisset's career is marked by fifty years of pioneering research in basic pancreatic physiology. Over the years, he and his assistants and students have realized important new findings in this field of pancreatic research. He has demonstrated that the cholinergic muscarinic system was not involved in the process of pancreatic enzyme adaptation to different diets, at least in the rat. He and his group also demonstrated that the sensitivity of the pancreatic acini to a cholinergic stimulation developed early after birth and was independent of corticosterone but was delayed by exclusive milk feeding as the only source of energy. He was the first to characterize the pancreatic muscarinic receptor and to establish a parallel development of this receptor population with maximal enzyme release in response to a cholinergic stimulation. He also clearly established that there is no somatostatin in the rat pancreatic juice and demonstrated the presence of an elastase 2 activity in the juice able to control somatostatin activity in the upper intestine.

His laboratory was also actively involved in studying the role of CCK in the control of pancreatic growth through specific intracellular enzyme activation. These intracellular enzymes involve ornithine decarboxylase, tyrosine kinase, Ptd3-kinase and PLD. His laboratory was also involved in studying the circadian rhythms of rat pancreatic secretion. Finally, he has demonstrated with specific CCK receptor antibodies that the pancreases of large animals, including human, do not possess the CCK-1 receptor subtype and that the CCK-2 subtype was present only on the pancreatic somatostatin delta cells in all six species studied so far.

Over the five decades of his research career, Dr Morisset has published 218 research articles in peer-reviewed journals, edited with Dr. Travis Solomon, a former APA President, a book on growth of the gastrointestinal tract, authored 18 book chapters, and given over 300 presentations as abstracts at a variety of scientific meetings. He has also served as an external reviewer for at least 50 scientific journals and supervised 20 MSc students, 15 PhD students and 10 postdoctoral fellows. Dr. Morisset has also served on many Canadian and American research grant committees and has been a member of several editorial boards for scientific journals.

Just as the APA celebrates its 50 birthday, so does Dr. Morisset celebrates his 50 APA anniversary, having attended all the meetings of the association since its conception in 1969; he remembers attending this first meeting at the Drake Hotel in Chicago as a promising post-doctoral fellow. He is very grateful to the APA for the honor of being selected as a recipient of the 2019 Distinguished Service Award.



Maui, Hawaii

November 6 – 9, 2019

VAY LIANG & FRISCA GO AWARD FOR LIFETIME ACHIEVEMENT

Tooru Shimosegawa, MD, PhD Professor Emeritus, Tohoku University



Dr. Tooru Shimosegawa is a professor emeritus of Tohoku University, and is currently working as the Executive Director at the South Miyagi Medical Center, located in Japan. In 19 years as a professor, he supervised 189 graduate students in doctoral course, and published 618 original articles and 62 reviews. He received his degree from Tohoku University in 1979, followed by a residency at the Tokyo Metropolitan Komagome Hospital and a senior residency within their department of gastroenterology. He was deeply interested in the pancreas, commonly referred to as the unknown and mysterious organ, and decided to specialize in pancreatology aiming to advance early detection efforts in pancreatic cancer by ERCP; an emerging modality at that time.

In 1989, he was appointed as an assistant professor of Tohoku University School of Medicine. Thereafter, he was engaged in research of not only gut hormones but in pathophysiology of the pancreas and clinical research of pancreatic diseases. In 2002, he was appointed Vice President of Tohoku University Hospital, serving two terms from 2002 – 2004 and 2009 – 2012 until his election as President of Tohoku University Hospital. He was subsequently appointed as Dean of the Department of Medicine of Tohoku University School of Medicine and

Director of the graduate school in 2015 where he worked enthusiastically to develop his alma mater. Dr. Shimosegawa's research covers a wide range of gastroenterology and pancreatology topics, having vigorously studied the pathogenesis and pathophysiology of acute pancreatitis (AP), epidemiology of AP, and developing the criteria for judgment the severity of AP and clinical practice guidelines of AP. He also conducted validation studies on the usefulness of continuous regional arterial infusion (CRAI) of trypsin inhibitor and antibiotics for severe AP and made great advancements towards our knowledge of chronic pancreatitis (CP) by developing clinical diagnostic criteria and practice guidelines for CP. Most notably, he proposed novel diagnostic criteria for early detection CP. Concerning autoimmune pancreatitis (AIP), he played important roles in the classification of AIP into type 1 and 2, and with Dr. Suresh Chari, established the International Consensus Diagnostic Criteria (ICDC) for AIP, which founded a global basis for the clinical practice and research of this disease. In the area of pancreatic cancer (PDAC), he was involved in the formation of practice guidelines for pancreatic cancer in Japan, and studied the molecular mechanism of PDAC, advancing the study of biomarkers as a method for early detection.

Among his countless prestigious appointments, Dr. Shimosegawa has served as President of the Japan Pancreas Society (JPS) from 2012-2016, President of the Japanese Society of Gastroenterology (JSGE) from 2014 – 2018, and current Honorary President of JSGE. Internationally, he served on the council of the International Association of Pancreatology (IAP) from 2000 - 2008 and 2013 - 2014, President of IAP from 2014 – 2016, associate editor of the *Pancreas* journal since 2001, Editor-in-Chief of *Suizo* from 2006 - 2010, and vice Editor-in-Chief of Pancreatology from 2009 to 2010. Without a doubt, Dr. Shimosegawa has been integral to advancing the field of pancreatology both in Japan and internationally, and he considers his role in solidifying the partnership between APA and JPS as “sister organizations” a lasting testament of his legacy. Both the APA and the JPS were established in 1969 and as we celebrating 50 years, we also celebrate a warm and friendly atmosphere of collaboration made possible by the tireless efforts of Prof. Go, Prof. Takeuchi and many others.

Dr. Shimosegawa wishes to express his gratitude to the APA for this prestigious honor, and Bill and Frisca Go for their generosity. He wishes to share this award with all members of the JPA and APA and thanks all who have continuously supported him, most notably, his wife Yasuko for her long-time support and his family for their unchanging love.



Maui, Hawaii

November 6 – 9, 2019

VAY LIANG & FRISCA GO AWARD FOR LIFETIME ACHIEVEMENT

Suresh Chari, MD
Professor, MD Anderson Cancer Center

Dr. Chari is currently Professor of Medicine and Consultant in the Division of Gastroenterology and Hepatology, Mayo Clinic Rochester. He trained in Internal Medicine and Gastroenterology in India. He then did the Alexander von Humboldt Fellowship in Mannheim, Germany. He moved to the United States in 1993 where he completed a residency (Univ. of AZ) and Fellowship in Gastroenterology (Mayo Clinic) before joining as faculty at Mayo Clinic Rochester in 1999. He has been the Director of Pancreas Clinic at Mayo Clinic Rochester. He has been Councilor and past President of the American Pancreatic Association as well as Councilor and past President of the International Association of Pancreatology.

Dr. Chari is known for his clinical acumen, research and mentorship. He has contributed significantly to research spanning the spectrum of pancreatic diseases, including chronic pancreatitis, autoimmune pancreatitis, cystic diseases of the pancreas and early diagnosis of sporadic pancreatic cancer. He has over 350 publications including over 300 original articles.

Over the past 20 years he and his team have studied the intricate, multidirectional association between diabetes and pancreatic cancer with a goal to develop a rational, evidence-based strategy to detect pre-symptomatic sporadic pancreatic cancer. Since 2003 this work has been funded by the NIH. A series of studies by his group and others have now established that pancreatic cancer causes a paraneoplastic diabetes, likely mediated through exosomes shed by pancreatic cancer. In a recent editorial diabetes induced by pancreatic cancer was called an “exosomopathy”, the first disease to be caused by exosomes. Currently he is the PI of Mayo Clinic’s U01 Consortium on Study of Chronic Pancreatitis, Diabetes and Pancreatic Cancer (CPDPC), a co-investigator in Pancreatic Cancer Detection Consortium (U01) and a member of the Steering Committee of the Early Detection Initiative, a collaborative effort among NCI, Pancreatic Cancer Action Network and CPDPC to launch an early detection protocol for pancreatic cancer.

Dr. Chari was a member of select panel of experts that developed what are called “Sendai guidelines” for management of the cystic lesions of the pancreas. A subsequent meeting in Fukuoka, Japan made further improvements to these guidelines. These guidelines have had a major impact on the field by markedly reducing the need for potentially morbid surgery for a benign disease. His original studies on MCN resulted in adoption of ovarian stroma as a requirement for diagnosis of MCN in the international consensus guidelines.

His major contributions to the field of autoimmune pancreatitis field are i) Developing, along with international collaborators, criteria for diagnosis and treatment of AIP. ii) Proposing subtyping of AIP into type 1 and type 2. Type 1 AIP is also called IgG4-related pancreatitis or simply AIP. iii) Defining steroid-sparing therapeutic approaches to preventing relapse in AIP iv) His group was the first to report the utility of B-cell depletion therapy with rituximab as therapy for AIP. v) Describing the natural history of a cohort of subjects with biliary involvement in AIP and proposing diagnostic criteria for it. As a mentor, Dr. Chari is recognized by the Outstanding Mentor Award from the Department of Medicine Mayo Clinic, Rochester, Minnesota in 2017 and the Research Mentor Award by the American Gastroenterology Association Pancreas Section American Gastroenterological Association (AGA), Bethesda, Maryland, 2018.



Maui, Hawaii

November 6 – 9, 2019

MEETING AT A GLANCE

WEDNESDAY, NOVEMBER 6

7:00 a.m. – 8:00 a.m.	Breakfast & Poster Viewing
8:00 a.m. – 8:15 a.m.	Opening Remarks
8:15 a.m. – 10:15 a.m.	Pre-Meeting Symposium: Mechanisms of Pancreatic Injury in Hereditary Disorders of the Exocrine Pancreas
10:30 a.m. – 11:30 a.m.	Pre-Meeting Symposium: Genetic Testing for Hereditary Disorders: What is the Utility for the Clinician?
11:30 a.m. – 1:30 p.m.	Lunch and Poster Session
1:30 p.m. – 2:45 p.m.	Pre-Meeting Symposium: Prevention/Surveillance of Pancreatic Diseases
2:45 p.m. – 3:45 p.m.	Pre-Meeting Symposium: Power of Longitudinal Cohort Studies: Lessons Learned and Thoughts Moving Forward
3:45 p.m. – 4:15 p.m.	Steps Forward and Closing Remarks
5:00 p.m. – 6:30 p.m.	Hirshberg Symposium
6:30 p.m. – 8:30 p.m.	Presidential Reception

THURSDAY, NOVEMBER 7

7:00 a.m. – 8:00 a.m.	Breakfast and Poster Viewing	
8:00 a.m. – 9:45 a.m.	Pancreatic Cancer Abstract Session I	Pancreatitis Abstract Session I
10:00 a.m. – 11:15 a.m.	Mini Symposium I: Microenvironment of Pancreatic Diseases	Mini Symposium II: Endoscopic Management of Pancreatitis
11:30 a.m. – 12:30 p.m.	Frank Brooks Symposium: <i>Half Century of Pancreatic Cell Biology and Beyond</i>	
12:30 p.m. – 2:30 p.m.	Lunch and Poster Session	
2:30 p.m. – 3:30 p.m.	Mini Symposium III: Obesity, Metabolism and Microbiome in Pancreatic Diseases	Mini Symposium IV: Genomics of Exocrine Pancreatic Disorders
3:45 p.m. – 4:45 p.m.	Tadashi Takeuchi Symposium: <i>Half Century of Advances in Oncology and Beyond</i>	

4:45 p.m. – 6:00 p.m.	Pancreatic Cancer Abstract Session II	Pancreatitis Abstract Session II
7:00 p.m. – 9:00 p.m.	Reception and Annual Awards Dinner	
FRIDAY, NOVEMBER 8		
7:00 a.m. – 8:00 a.m.	Breakfast & Poster Viewing	
8:00 a.m. – 9:45 a.m.	Pancreatic Cancer Abstract Session III	Pancreatitis Abstract Session III
10:00 a.m. – 11:15 a.m.	V.L.W. Go Symposium: <i>Half Century of Clinical Pancreatitis and Beyond</i>	
11:15 a.m. – 12:30 p.m.	Mini Symposium V: Immunology of Exocrine Pancreatic Disorders	Mini Symposium VI: Advancement in Pancreatic Surgery in the Era of Multi-disciplinary Treatment for PDAC
12:30 p.m. – 2:30 p.m.	Lunch and Poster Session	
2:30 p.m. – 4:00 p.m.	Mini Symposium VII: Biology and Medical Management of Pancreatitis	Mini Symposium VIII: Risk Stratification and Early Diagnosis of PDAC
4:15 p.m. – 5:45 p.m.	Paul Webster Symposium: <i>Half Century of Progress in Pancreatic Surgery and Beyond</i>	
5:45 p.m. – 6:15 p.m.	Business Meeting	
6:30 p.m. – 7:30 p.m.	Women in Pancreas Networking Reception	
SATURDAY, NOVEMBER 9		
7:00 a.m. – 8:00 a.m.	Breakfast	
7:00 a.m. – 8:00 a.m.	Embracing Diversity in Pancreatology Breakfast	
8:15 a.m. – 10:00 a.m.	Mini Symposium IX: Challenges in Multidisciplinary Treatment of Locally Advanced PDAC	Mini Symposium X: Signal Transduction in Pancreatic Disease
10:15 a.m. – 11:15 a.m.	Pancreatic Cancer Abstract Session IV	General Pancreatology Abstract Session I
1:15 a.m. – 1:00 p.m.	Mini Symposium XI: Updates in Pancreatic Neoplasms: IPMN & PNET	Mini Symposium XII: Diagnostic Modalities in Chronic Pancreatitis and PDAC
1:00 p.m. – 3:00 p.m.	Lunch	

Wednesday, November 6, 2019

APA/JPS COMBINED PRE-MEETING SYMPOSIUM

Hereditary Disorders of the Exocrine Pancreas

7:00 AM – 8:00 AM Breakfast & Poster Viewing
Location: Haleakala Pre-Function/4-5

8:00 AM – 8:15 AM Opening Remarks
HALEAKALA I Dr. Margaret A. Tempero and Dr. Kazuichi Okazaki
APA and JPS President

8:15 AM – 10:15 AM **Mechanisms of Pancreatic Injury in Hereditary Disorders of the Exocrine Pancreas**
HALEAKALA I

Moderators: Walter Park, M.D. & Aditi Bhargava, Ph.D

Trypsin-dependent Pathways

Miklos Sahin-Toth, M.D., Ph.D., Boston University

Misfolding-dependent Pathways

Mark E. Lowe, M.D., Ph.D., Washington University School of Medicine

Inflammatory Pathways

Sulagna Banerjee, Ph.D, University of Miami

Exocrine and Endocrine Pancreatic Remodeling in Genetic Ferret Models of Pancreatitis

John F. Engelhardt, Ph.D, University of Iowa

Acinar-ductal Tango in the Pathogenesis of Pancreatic Injury

Peter Hegyi, M.D., Ph.D., University of Pécs

The Mechanism of Acinar Cell-derived Pancreatic Tumorigenesis

Akihisa Fukuda, M.D., Ph.D., Kyoto University Hospital.

10:15 AM – 10:30 AM Break

Wednesday, November 6, 2019

10:30 AM – 11:30 AM **Genetic Testing for Hereditary Disorders: What is the Utility for the Clinician?**

HALEAKALA I

Moderators: Dana K. Andersen, M.D. & Herbert Gaisano, M.D.

Germline Variants in Complex Pancreatic Disorders

David Whitcomb, M.D., Ph.D., University of Pittsburgh

Genomic Applications into Pediatric Pancreatology Practice

Maisam Abu-El-Haija, M.D., Cincinnati Children's Hospital Medical Center

Incorporating Genetic Testing for Pancreatitis into the Management of Adult Patients

Vikesh Singh, M.D., MSc., Johns Hopkins Medical Institutions

Association Between Homologous Recombination Repair Gene Mutations and Response to Oxaliplatin in Pancreatic Cancer

Masashi Kanai, M.D., Ph.D., Kyoto University Hospital

11:30 AM – 1:30 PM Lunch Break and Poster Session

Location: Haleakala Pre-Function/4-5

Posters of Distinction Professor Round – 1:30 PM

Cancer: Aida Habtezion & Hiroki Yamaue

Pancreatitis: Aliye Uc & Yoshifumi Takeyama

1:30 PM – 2:45 PM **Prevention/Surveillance of Pancreatic Diseases**

HALEAKALA I

Moderators: Jenny Permuth Ph.D. & Guru Trikudanathan, M.D.

Identifying Targets for Therapy in Hereditary Pancreatitis

Stephen Pandol, M.D., University of California, LA

Pancreatic Presentation and CFTR Mutations of Cystic Fibrosis in Japan

Hiroshi Ishiguro, M.D., Ph.D., Nagoya University Graduate School of Medicine

Pancreatic Cancer Surveillance in High Risk Individuals

Marcia I. Canto, M.D., Johns Hopkins Medicine

Surveillance for Pancreatic Cancer in Inherited Forms of Chronic Pancreatitis

Suresh Chari, M.D., MD Anderson Cancer Center

Wednesday, November 6, 2019

The Tumorigenesis and Treatment of PNET

Wenming Wu, M.D., Peking Union Medical College

2:45 PM – 3:45 PM

HALEAKALA I

Power of Longitudinal Cohort Studies: Lessons Learned and Thoughts Moving Forward

Moderator: Santhi S. Vege, M.D. & Mari Mino-Kenudson

EUROPAC

John Neoptolemos, M.D., University of Heidelberg

Comprehensive Analysis of Pancreatitis-associated Next Generation Sequencing

Atsushi Masamune, M.D., Ph.D., Tohoku University Hospital

NAPS2 – Lessons Learned and the Road Ahead

Dhiraj Yadav, M.D., University of Pittsburgh

INSPPIRE

Aliye Uc, M.D., University of Iowa

3:45 PM – 4:15 PM

HALEAKALA I

Steps Forward and Closing Remarks

Moderators: Anil Rustgi, M.D. & Masao Tanaka M.D.

Translating Basic Science to Clinical Practice in Familial Exocrine Pancreatic Diseases: Gaps and Opportunities for Future Studies

Anil Rustgi, M.D., Columbia University

Translational Research on the Pathogenesis of Autoimmune Pancreatitis

Kazuichi Okazaki, M.D., Ph.D., Kansai Medical University

Wednesday, November 6, 2019

5:00 PM – 6:30 PM
HALEAKALA I

HIRSHBERG SYMPOSIUM
Supported by Agi Hirshberg
&
Hirshberg Foundation for Pancreatic Cancer Research

Moderators: Margaret A. Tempero, M.D. and O. Joe Hines, M.D.

Quality of Life in Pancreatic Cancer
Annette L. Stanton, Ph.D., University of California, LA

Biology of Behavioral Co-morbidities in Cancer
Michael Irwin, M.D., University of California, LA

Depression and Anxiety as Precursors for Pancreatic Cancer
Barbara J. Kenner, Ph.D, Kenner Family Research Fund



Wednesday, November 6, 2019

6:30 PM – 8:30 PM
MOLOKINI
GARDEN

Presidential Reception

In honor of

Margaret A. Tempero, M.D.
APA President

&

Kazuichi Okazaki, MD, PhD
JPS President



Sponsored By:

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Thursday, November 7, 2019

50th ANNIVERSARY MEETING

American Pancreatic Association & Japan Pancreas Society

7:00 AM – 8:00 AM Breakfast & Poster Viewing
Location: Haleakala Pre-Function/4-5

8:00 AM – 9:45 AM **Pancreatic Cancer Abstract Session I**
Moderators: Punita Dhawan, Ph.D. & Peter Storz, Ph.D.
HALEAKALA I

Overcoming Therapeutic Resistance in Pancreatic Cancer Through Inhibition of Interleukin-1 α

A.R. Dosch, X. Dai, S. Mehra, B. Willobee, F. Messaggio, S. Srinivasan, N. Nagathihalli, N. Merchant. *Department of Surgery, University of Miami Miller School of Medicine, Miami, Florida.*

Better Prediction of Post-resection Survival After Neoadjuvant Treatment (NAT) in Pancreatic Cancer: The PANAMA (PANcreatic cancer NeoAdjuvant MASSachusetts)-score

T. Hank, M. Sandini, C.R. Ferrone, M. Mino-Kenudson, M. Qadan, U. Klaiber, M. Weniger, U. Hinz, A.L. Warshaw, T. Hackert, M.W. Büchler, K.D. Lillemoe, O. Strobel, C. Fernández-del Castillo *Department of Surgery, Massachusetts General Hospital and Harvard Medical School, Boston, MA. Department of General Surgery, Heidelberg University Hospital, Heidelberg, Germany; Department of Pathology, Massachusetts General Hospital and Harvard Medical School, Boston, MA.*

New Players and Unique Features of Cancer Lysosomes

R. Perera. *Department of Anatomy, Department of Pathology, Helen Diller Family Comprehensive Cancer Center, University of California, San Francisco, CA*

A Phase II Trial of Neoadjuvant S-1 Therapy in Patients with Resectable Pancreatic Adenocarcinoma: HOPS-R01

T. Nakamura, H. Kawakami, K. Takahashi, Y. Kimura, T. Hayashi, H. Ishiwatari, M. Motoya, T. Goto, K. Yamakita, Y. Sakuhara, H. Maguchi, S. Hirano. *Hokkaido Pancreatic Cancer Study Group; HOPS*

Dissecting Transcriptomic Heterogeneity in Patient-Derived Pancreatic Ductal Adenocarcinoma With Single-Nucleus RNA-seq

W.L. Hwang, K. Jagadeesh, O. Ashenberg, E. Drokhlyansky, G. Eng, N.V. Wittenberghe, W. Freed-Pastor, C. Rodriguez, D. Dionne, J. Waldman, M. Cuoco, L. Nguyen, A. Tsankov, C. Lambden, C. Porter, J. Schenkel, L. Lambert, D. Ciprani, S. Raghavan, P. Winter, D.P. Ryan, D. Haas-Kogan, J.Y. Wo, C. Eyler, J.D. Mancias, D.T. Ting, C.D. Weekes, C.R. Ferrone, J.S. Loeffler, A.J. Aguirre, M. Mino-Kenudson, T.S. Hong, O. Rozenblatt-Rosen, C. Fernandez-del Castillo, A.S. Liss, A. Regev, T.E. Jacks.

A Prospective Randomized Controlled Trial of Contrast-Enhanced Harmonic Versus Conventional Endoscopic Ultrasound-Guided Fine Needle Aspiration Affecting Diagnostic Yield for Pancreatic Solid Lesions: An Interim Analysis with 268 Patients

I.R. Cho, S.H. Jeong, J.H. Cho, E.J. Kim, Y.S. Kim. *Department of Internal Medicine, Catholic Kwandong University International St. Mary's Hospital, Incheon, Republic of Korea; Department of Internal Medicine, Gachon University Gil Medical Center, Incheon, Republic of Korea*

Development of a System Combining Comprehensive Genotyping and Organoid Cultures for Identifying and Testing Genotype Oriented Personalized Medicine for Pancreatobiliary Cancers

M. Shiihara, T. Ishikawa, N. Ikari, R. Higuchi, T. Yazawa, S. Uemura, W. Izumo, M. Yamamoto, F. Motoi, T. Morikawa, K. Nakagawa, H. Hayashi, M. Mizuma, H. Otsuka, M. Ishida, K. Masuda, K. Kawaguchi, K. Ariake, T. Takadate, M. Iseki, T. Hata, M. Unno, T. Furukawa. *Department of Investigative pathology, Tohoku University Graduate School of Medicine; Department of Gastrointestinal Surgery, Tokyo Women's medical university; Department of Surgery, Tohoku University Graduate School of Medicine.*

8:00 AM – 9:45 AM

HALEAKALA 2-3

Pancreatitis Abstract Session I

Moderators: Shounak Majumder, M.D. & Andrea Párnitzky, M.D., Ph.D.

Asparaginase-Associated Pancreatic Injury is Related to Pancreatic Levels of the Endogenous Counteracting Enzyme Asparagine Synthetase and Intra-Pancreatic Nutrient Stress

A. Mukherjee, N. Ahmed, F. Rose, A.N. Ahmad, T.A. Javed, L. Wen, R. Bottino, X. Xiao, M.S. Kilberg, S.Z. Husain. *Departments of Pediatrics and Surgery, University of Pittsburgh School of Medicine, , Pittsburgh, PA, 15224, USA*

Chronic Pancreatitis Prognosis Score (COPPS): Preliminary Results From a Prospective Multicenter, International Validation Study.

A. Garbe, U. M. Mahajan, T. Kohlmann, E. Goni, C. Budde, E. Martinez-Moneo, T. Shimosegawa, C. Forsmark, P. Garg, A. Gomes, S. Stigliano, D. Conwell, M. M. Lerch, J. Mayerle, G. Beyer. *University Hospital, LMU Munich, Medical Department II, Munich, Germany*

Pancreatitis Causes Disordering of Acinar Cell Cholesterol Metabolism: Role of Autophagy/Lysosomal Pathway.

N. Shalbueva, O. A. Mareninova, C.J.M. Wightman, D.L. Dillon, Q. Zhou, N.O. Davidson, S.J. Bensinger, I. Gukovsky, F.S. Gorelick, A.S. Gukovskaya. *Department of Medicine, David Geffen School of Medicine, University of California at Los Angeles and VA Greater Los Angeles Healthcare System, Los Angeles, CA; Department of Molecular and Medical Pharmacology, David Geffen School of Medicine, University of California at Los Angeles; Division of Gastroenterology, Washington University School of Medicine, St. Louis, MO; Departments of Cell Biology and Internal Medicine, Yale University School of Medicine and VA West Haven CT.*

Global Metabolomic and Lipidomic Plasma Profiling Reveals Unique Biomarkers that Predict the Risk of Developing Pancreatitis with Asparaginase

L. Wen, Y. Wei, C. Srinivasan, P. Fogle, S. Agnihotri, Y. Ding, S.Z. Husain. *Department of Gastroenterology and Shanghai Key Laboratory of Pancreatic Disease, Shanghai General Hospital, Shanghai Jiao Tong University, Shanghai, China; Department of Biostatistics, School of Public Health, University of Pittsburgh, Pittsburgh, PA; Carnegie Mellon University, Pittsburgh, PA; Metabolon, Durham, NC; Department of Pediatrics, University of Pittsburgh, Pittsburgh, PA; Department of Pediatrics, Stanford University, Palo Alto, CA.*

Thursday, November 7, 2019

SPINK1 Deficiency in a Ferret Model Leads to Exocrine Pancreatic Dysfunction and Glycemic Defects Early in Life

X. Sun, Y. Yi, B. Liang, Y. Yu, Q. Yang, K. Gibson-Corley, A.W. Norris, J.F. Engelhard, A. Uc. *Department of Anatomy and Cell Biology, Fraternal Order of Eagles Diabetes Research Center, Department of Pediatrics, Department of Pathology, Department of Biochemistry, Department of Radiation Oncology; University of Iowa, Iowa City, IA, USA*

Endoscopic Transmural Drainage Tailored to Quantity of Necrotic Debris is as Effective as Laparoscopic Drainage for Pancreatic Fluid Collections in Acute Pancreatitis: A Randomized Controlled Trial

S. Jagannath, S. Angadi, R. Sethia, G.V. Teja, A Krishna, O Prakash, S Kumar, V K Bansal, P K Garg. *Department of Gastroenterology, Department of Surgery, All India Institute of Medical Sciences, New Delhi, India*

Depression and Anxiety Measured With the Patient Reported Outcomes Measurement Information System (PROMIS) Questionnaires are Associated With Clinical Diagnosis of Depression and Anxiety in Patients Undergoing TPIAT in POST

M.D. Bellin, Y. Yang, P. Witkowski, M. Wijkstrom, J.L. Steel, K. Smith, V.K. Singh, S.J. Schwarzenberg, T.L. Pruett, A. Posselt, B. Naziruddin, J.D. Nathan, K. Morgan, R. Mitchell, L.F. Lara, V. Kirchner, M. Hughes, J. Hodges, B. Hatipoglu, T. Gardner, M.L. Freeman, D.L. Conwell, S. Chinnakotla, A.N. Balamurugan, S. Ahmad, D. Adams, M. Abu-El-Haija, G. Beilman. *University of Minnesota Minneapolis, MN*

9:45 AM – 10: 00 AM Break

Thursday, November 7, 2019

10:00 AM – 11:15 AM **Mini Symposium I: Microenvironment of Pancreatic Diseases**

HALEAKALA 2-3

Moderators: Hong Sik Lee, M.D., Ph.D. & Naohiro Sata, M.D., Ph.D.

Role of KRAS in Pancreatic Tumor Microenvironment

Marina Pasca di Magliano, Ph.D., University of Michigan

Role of Lipid Signaling in Epithelial-Stromal Crosstalk in PDAC

Mara Sherman, Ph.D., Oregon Health Sciences University

Pancreatic Stellate Cells: Fibrosis and More in Chronic Pancreatitis

Minoti Apte, MBBS, MMedSci, Ph.D., University of South Wales

Heterogeneity in the Microenvironment of Pancreatic Cancer

Julia Mayerle, M.D., University of Munich

Intestinal Microenvironments and Autoimmune Pancreatitis

Tomohiro Watanabe, MD, PhD, Kindai University

10:00 AM – 11:15 AM **Mini Symposium II: Endoscopic Management of Pancreatitis**

HALEAKALA 1

Moderators: Mohit Girotra, M.D. & Takao Itoi, M.D., Ph.D

Disconnected Duct Syndrome Associated with Necrotizing Pancreatitis – Mind the Gap

Mustafa Arain, M.D., University of California, SF

Interventional EUS for Pancreatic Diseases

Shuntaro Mukai, M.D., Tokyo Medical University

Management of Pediatric Pancreatitis

Emily Perito, M.D., University of California, SF

Endoscopic Therapy of Pancreatitis: Progress and Pitfalls

Martin Freeman, M.D., University of Minnesota

Therapeutic ERCP for Pancreatic Diseases

Yousuke Nakai, M.D., Ph.D., The University of Tokyo

Thursday, November 7, 2019

11:30 AM – 12:30 PM
HALEAKALA I

FRANK BROOKS SYMPOSIUM

Half Century of Pancreatic Cell Biology and Beyond

Moderators: Minoti Apte, MBBS, MMedSci, Ph.D. & Anna
Gukovskaya, Ph.D.

50 Years of Pancreatic Biology

John A. Williams, M.D., Ph.D., University of Michigan

Signaling Transduction in Exocrine Pancreas

Guy Groblewski, Ph.D., University of Wisconsin

Pathophysiology of Acute Pancreatitis: Where Are We?

Fred Gorelick, M.D., Yale School of Medicine

Pathophysiology of Pancreatitis: Where Do We Go From Here?

Julia Mayerle, M.D., University of Munich

12:30 PM – 2:30 PM Lunch and Poster Session
Location: Haleakala Pre-Function/4-5

Posters of Distinction Professor Round – 1:30 PM

Cancer: Aida Habtezion & Hiroki Yamaue

Pancreatitis: Aliye Uc & Yoshifumi Takeyama



Thursday, November 7, 2019

2:30 PM – 3:30 PM

HALEAKALA 1

Mini Symposium III: Obesity, Metabolism and Microbiome in Pancreatic Diseases

Moderators: Sabita Roy, Ph.D. & Thomas Mace, Ph.D.

Molecular Mechanisms of Obesity-driven Tumor Progression

Zobeida Cruz Monserrate, Ph.D., The Ohio State University

Gut Microbiome in Pancreatic Cancer

Vikas Dudeja, M.D., University of Miami

Mechanisms of Lysosome Mediated Immune Evasion in Pancreatic Cancer

Rushika Perera, Ph.D., University of California, SF

Early Diagnosis of PDAC by Metabolomics with Alternative Decision Tree-based Machine Learning Methods

Makoto Sunamura, M.D., Ph.D., Tokyo Medical University

2:30 PM – 3:30 PM

HALEAKALA 2-3

Mini Symposium IV: Genomics of Exocrine Pancreatic Disorders

Moderators: Junji Furuse, M.D., Ph.D. & Randall Brand, M.D.

Genomic Heterogeneity and Precision Medicine in Pancreatic Cancer

Jen Jen Yeh, M.D., University of North Carolina

Genome-based Chemotherapy for Familial Pancreatic Cancer

Chigusa Morizane, M.D., Ph.D., National Cancer Center, Japan

Genomics of Pancreatic Cancer Progression

Laura Wood, M.D., Ph.D., Johns Hopkins Medicine

Genome-based Treatment for Metastatic Pancreatic Cancer

Makoto Ueno, M.D., Ph.D., Kanagawa Cancer Center

3:30 PM – 3:45 PM

Break

Thursday, November 7, 2019

3:45 PM – 4:45 PM
HALEAKALA I

TADASHI TAKEUCHI SYMPOSIUM
Half Century of Advances in Oncology and Beyond

Moderators: Kazuichi Okazaki, M.D., Ph.D. & Ashok Saluja, Ph.D.

Progress in the Treatment of Pancreatic Cancer?

Margaret A. Tempero, M.D., University of California, SF

What Have We Learned About Pathobiology of IPMN?

Toru Furukawa, M.D., Ph.D., Tohoku University

Treatment of Pancreatic Cancer: What Does The Future Hold?

Hana Algül, M.D., Ph.D., Technische Universität Munchen

4:45 PM – 6:00 PM
HALEAKALA I

Pancreatic Cancer Abstract Session II

Moderators: Masanori Sugiyama, M.D., Ph.D. & Veena Sangwan, Ph.D.

Severe Diabetes-related Complications and Pancreatic Cancer Incidence in the Multiethnic Cohort

A.J. Farias, J. Porcel, K.R. Monroe, S.J. Pandol, V.W. Setiawan. *Department of Preventive Medicine, Keck School of Medicine, University of Southern California, Los Angeles, CA; Norris Comprehensive Cancer Center, Los Angeles, CA; Division of Gastroenterology, Departments of Medicine, Cedars-Sinai Medical Center, Los Angeles, CA*

L-2-Hydroxyglutarate Drive Self-Renewal in Pancreatic Cancer in a Hypoxic Tumor Microenvironment.

V. Gupta, N. Sharma, V. Garrido, K. Kesh, B. Durden, R. Hadad, D. Edwards, V. Dudeja, P. Singh A. Saluja, S. Banerjee. *Department of Surgery, University of Miami, Miami. University of Nebraska Medical Center, Nebraska.*

Survival-Predicting Significance of Germline Mutations in Human DNA Damage Repair Genes in Sporadic Pancreatic Ductal Adenocarcinoma

H. Hu, Y. Zhu, L. Yin, N. Pu, F. Li, S. Gao, S. Maeda, S. Koji, J. He, R.A. Burkhart, W. Burns, L. Zheng, N. Cheng, D. Laheru, E.M. Jaffee, C.L. Wolfgang, Jun Yu. *Departments of Surgery, Pathology, Oncology, and Medicine, The Johns Hopkins University School of Medicine, Baltimore, Maryland*

Olaparib as Maintenance Treatment Following First-line Platinum-based Chemotherapy (PBC) in Patients With a Germline BRCA Mutation and Metastatic Pancreatic Cancer (mPC): Phase III POLO trial

T. Golan, P. Hammel, M. Reni, E. Van Cutsem, T. Macarulla, M.J. Hall, J.O. Park, D. Hochhauser, D. Arnold, D-Y. Oh, A. Reinacher-Schick, G. Tortora, H. Algül, E. M O'Reilly, D. McGuinness, K.Y. Cui, K. Schlienger, G.Y. Locker, H.L. Kindler. *The Oncology Institute, Sheba Medical Center at Tel-Hashomer, Tel Aviv University, Tel Aviv, Israel*

Trefoil Factor Family 1 (TFF1) Inhibits Epithelial-mesenchymal Transition and Enhances the Chemosensitivity of Pancreatic Ductal Adenocarcinoma (PDAC)

J. Yamaguchi, T. Kokuryo, Y. Yokoyama, T. Ebata, and M. Nagino. *Surgical Oncology, Nagoya University Graduate School of Medicine*

4:45 PM – 6:00 PM
HALEAKALA 2-3

Pancreatitis Abstract Session II

Moderators: Shuji Isaji, M.D., Ph.D. & Jens Siveke, M.D., Ph.D.

Pre-operative Sarcopenia Predicts Poor Islet Cell Yield Following Total Pancreatectomy With Islet Autotransplantation (TPIAT) for Chronic Pancreatitis (CP)

G. Trikudanathan, G. Feussom, L. Teigen, S. Munigala, A. Dirweesh, M. Bellin. *University of Minnesota, Minneapolis, MN, US*

Pro-inflammation and Anti-inflammation During Severe Acute Pancreatitis Develop in Parallel and Result in Misbalanced T-cell Activation Which Increases Disease Severity

M. Sendler, A. Wilden, J. Glaubitz, C. van d. Brandt, F.U. Weiss, J. Mayerle, M.M. Lerch. *Department of Medicine A, University Medicine, Greifswald, Greifswald, Germany; Department of Medicine II, Klinikum der LMU München-Grosshadern, Munich, Germany*

Transpancreatic Biliary Sphincterotomy or Double Wire Technique in Difficult Biliary Cannulation: a Randomized Prospective Study by Scandinavian Association of Digestive Endoscopy Research Group

L. Kylänpää, V. Koskensalo, A. Saarela, P. Ejstrud, M. Udd, O. Lindström, M. Rainio, A. Tenca, J. Halttunen, G. Qvigstad, U. Arnelo, N. Fagerström, T. Hauge, L. Aabakken, J. Grönroos. *Abdominal center and Department of Gastroenterology, Helsinki University Central Hospital, University of Helsinki, Helsinki, Finland*

Thursday, November 7, 2019

Progressive Pancreatitis with Delayed Recovery Due to High Intra-pancreatic Trypsin Activation in Genetically Predisposed Mice

Z. Jancso, M. Sahin-Toth. *Department of Surgery, David Geffen School of Medicine, University of California, Los Angeles, CA*

Continuous Regional Arterial Infusion Versus Intravenous Administration of Proteinase Inhibitor, Nafamostat Mesilate, for Predicted Severe Acute Pancreatitis: A Multicenter Randomized Open-label Trial

M. Hirota, K. Kitamura, M. Takenaka, E. Iwasaki, K. Takeda, Y. Takeyama, T. Mayumi, T. Ito, T. Gabata, T. Shimosegawa. *Division of Gastroenterology and Hepatology, Tohoku Medical and Pharmaceutical University, Miyagi, Japan*

A Role for Tuft and Goblet Cell Hyperplasia in Ductal Epithelial Regeneration After Cerulein-induced Pancreatitis

K.N. Von Alt, A. Nakagawa, M. Mino-Kenudson, K.D. Lillemoe, A.L. Warshaw, C. Fernández-Del Castillo, A.S. Liss. *Departments of Surgery and Pathology, Massachusetts General Hospital and Harvard Medical School, Boston, MA*

7:00 PM – 10:00 PM

Annual Reception and Awards Dinner

Reception | 7:00PM | Haleakala Gardens

Dinner | 8:00PM | Haleakala I

Friday, November 8, 2019

7:00 AM – 8:00 AM Breakfast & Poster Viewing
Location: Haleakala Pre-Function/4-5

8:00 AM – 9:45 AM **Pancreatic Cancer Abstract Session III**
HALEAKALA I Moderators: Eithne Costello-Goldring, Ph.D & Andrew Liss, Ph.D.

Perioperative Acinar Cell Count Method Works Well in the Prediction of Postoperative Pancreatic Fistula and Other Postoperative Complications After Pancreaticoduodenectomy

V. Teränen, I. Rinta-Kiikka, K. Holli-Helenius, M. Laaninen, J. Sand, J. Laukkarinen.
Department of Gastroenterology and Alimentary Tract Surgery; Tampere University Hospital, Finland

The BRG1/SOX9 Axis is Critical for Acinar Cell-Derived Pancreatic Tumorigenesis

M. Tsuda, A. Fukuda, H. Seno. *Department of Gastroenterology and Hepatology, Kyoto University Graduate School of Medicine, Kyoto, Japan.*

Clinical Utility of EUS-guided Needle-Based Confocal Endomicroscopy (nCLE) of Pancreatic Cystic Lesions (PCLs) for Surgical Decision Making

A.K. Luthra, P.A. Hart, K. Porter, G.I. Papachristou, L. Lara, D.L. Conwell, S.G. Krishna.
Division of Gastroenterology, Hepatology, and Nutrition, The Ohio State University Wexner Medical Center, Columbus, OH

A Novel Adjuvant Treatment Approach in Pancreatic Cancer via Hepatocyte Growth Factor (HGF)/c-MET Inhibition

T.C.Y. Pang, Z. Xu, A.R. Mekapogu, S. Pothula, D. Goldstein, R. Pirola, J. Wilson, M. Apte.
Pancreatic Research Group, South West Sydney Clinical School, University of New South Wales, Sydney, NSW, Australia. Ingham Institute for Applied Medical Research, Liverpool, NSW, Australia

Optimal Treatment for Octogenarians With Resectable and Borderline Resectable Pancreatic Ductal Adenocarcinoma

S. Satoi, T. Yamamoto, K. Uchida, T. Fujii, T. Kin, T. Asano, K. Hanada, T. Itoi, Y. Murakami, H. Igarashi, H. Eguchi, T. Kuroki, Y. Shimizu, M. Tani, S. Tanno, Y. Tsuji, Y. Hirooka, A. Masamune, K. Mizumoto, T. Shimokawa, H. Yamaue, K. Okazaki *Department of Surgery, Kansai Medical University, Osaka, Japan*

Friday, November 8, 2019

Role of YAP-ECT2-IL11 Signaling Axis in Pancreatic Ductal Adenocarcinoma (PDAC) Progression and Tumor Microenvironment

C. Li, Z. Peng, G. Lam, M. Lewis, N. Nissen, S. Pandol, Q. Wang. *Pancreatic Research Program; Department of Medicine, Cedars-Sinai Medical Center, Department of Medical Oncology, First Hospital of China Medical University, Shenyang, China, University of California Los Angeles, Los Angeles, CA, Department of Pathology, VA Greater Los Angeles Health Care System, Los Angeles, CA, USA.*

Patterns of Recurrence After Resection of Pancreatic Ductal Adenocarcinoma (PDAC) in the ESPAC-4 Randomized Adjuvant Chemotherapy Trial

John P. Neoptolemos, Robert P. Jones, Eftychia-Eirini Psarelli, Richard Jackson, Paula Ghaneh, Christopher M. Halloran, Daniel H. Palmer, Christine Tjaden, Oliver Strobel, Thilo Hackert, Markus W. Büchler, for the European Study Group for Pancreatic Cancer. *University of Heidelberg, Heidelberg, Germany, The Royal Liverpool University Hospital, Liverpool, United Kingdom, University of Liverpool, Liverpool, United Kingdom*

8:00 AM – 9:45 AM
HALEAKALA 2-3

Pancreatitis Abstract Session III

Moderators: Jens Siveke, M.D., Ph.D. & Olga Mareninova, Ph.D.

Synergizing Effect of Alcohol Consumption and Smoking on Complications and Severity in Acute Pancreatitis

A. Szentesi, Z. Gyömbér, Á. Vincze, F. Izbéki, J. Hamvas, M. Varga, S. Gódi, N. Gede, V. Sallinen, H. Farkas, I. Török, C. Góg, Z. Szentkereszty, D. Pécsi, P. Varjú, B. Németh, Z. Szepes, T. Takács, A. Párnitzky, P. Hegyi, on behalf of the Hungarian Pancreatic Study Group. *Institute for Translational Medicine, Medical School, University of Pécs, Pécs, Hungary*

Alcohol Worsens Organ Failure in Severe Acute Pancreatitis (AP) by Increasing Fatty Acid Bioavailability

C. de Oliveira, B. Khatua, S. Kostenko, M. Belohlavek, Stacie Vela, V.P. Singh. *Departments of Medicine and Cardiovascular Diseases, Mayo Clinic, Scottsdale, AZ; Division of Gastroenterology, Carl T. Hayden VA Medical Center, Phoenix AZ*

Friday, November 8, 2019

Indications and Limitations of Steroid Treatment for Patients With Type 1 AIP With Inflammatory Cyst Formation: a Japanese Multicenter Study of 1724 AIP Patients

H. Matsubayashi, K. Kubota, T. Watanabe, Y. Hirooka, I. Naito, Y. Okabe, E. Iwasaki, A. Masamune, T. Kumaki, T. Kamisawa, D. Inoue, T. Itoi, K. Ogura, K. Inui, K. Hirano, Y. Kodama, A. Katanuma, H. Isayama, T. Nishino, J. Sakagami, S. Kawa, K. Okazaki. *Division of Endoscopy, Shizuoka Cancer Center, Nagaizumi*

Goal Directed Fluid Therapy in Spontaneously Breathing Patients with Predicted Severe and Moderately Severe Acute Pancreatitis: A Prospective Pilot Study of Passive Leg Raising Test

T. Jin, L. Li, L. Deng, Z. Lin, K. Jiang, C. Hu, X. Zhang, N. Shi, Q. Tan, C. Cheng, R. Zhang, X. Zhou, W. Yu, P. Zhu, T. Liu, A.R. Philips, G. Jia, X. Yang, R. Sutton, W. Huang, J.A. Windsor, Q. Xia. *Department of Integrated Traditional Chinese Medicine and Western Medicine, Sichuan Provincial Pancreatitis Center and West China-Liverpool Biomedical Research Centre, West China Hospital, Sichuan University, Chengdu, China*

Prevalence of Pre-existing Diabetes Mellitus (DM) in Acute Pancreatitis (AP) and its Impact on Disease Severity in a Large Prospectively Ascertained International Cohort

P. Paragomi, K. Jeong, I. Pothoulakis, R. Talukdar, R. Kochar, M.K. Goenka, A. Gulla, V.K. Singh, J.A. Gonzalez, M. Ferreira, S.T. Barbu, K. Modha, S.C. Gutierrez, H. Nawaz, N.O. Zarnescu, G. Capurso, J. Easler, K. Triantafyllou, M. Pelaez-Luna, S. Thakkar, C. Ocampo, E. de-Madaria, B.U. Wu, G.A. Cote, G.I. Papachristou, D. Yadav. *Division of Gastroenterology, University of Pittsburgh Medical Center, Pittsburgh, PA*

Immune Profiling of the Human Pancreas in Hereditary and Idiopathic Chronic Pancreatitis

B. Lee, J.Z. Adamska, H. Namkoong, M.D. Bellin, J. Wilhelm, G. Szot, D.M. Louis, M.M. Davis, S.J. Pandol, A. Habtezion. *Division of Gastroenterology and Hepatology, Department of Microbiology and Immunology, Stanford University, Stanford, CA; Department of Surgery, Schulze Diabetes Institute, University of Minnesota Medical Center, Minneapolis, MN; Diabetes Center, University of California San Francisco, San Francisco, CA; Department of Medicine, Cedars Sinai Medical Center, Los Angeles, CA*

Friday, November 8, 2019

Association of Circulating Levels of Individual Saturated and Unsaturated Long-Chain Fatty Acids with Severe Acute Pancreatitis.

A.E. Phillips, A.S. Wilson, P.J. Greer, P. Paragomi, I. Pothoulakis, V. Singh, D.C. Whitcomb, G.I. Papachristou. *University of Pittsburgh School of Medicine, Department of Medicine, Division of Gastroenterology, Hepatology, and Nutrition, Pittsburgh, PA; Mayo Clinic, Department of Medicine, Scottsdale, AZ*

Complex Interactions Between GGT1, UBR1, and Moderately Severe Risk Pancreatitis Variants

M. Ellison, D. Spagnolo, C. Shelton, E. Orlova, J. LaRusch, D.C. Whitcomb, M. Haupt. *Ariel Precision Medicine, Pittsburgh, PA. Department of Human Genetics; Division of Gastroenterology, Hepatology and Nutrition, University of Pittsburgh, Pittsburgh, PA*

9:45 AM – 10:00 AM Break

10:00 AM – 11:15 AM
HALEAKALA I

V.L.W. GO SYMPOSIUM
Half Century of Clinical Pancreatitis and Beyond

Moderators: V.L.W. Go, M.D. & Tooru Shimosegawa, M.D., Ph.D.

50 Years of Progress in the Endoscopic Management of Pancreatitis.

Martin L. Freeman, M.D., University of Minnesota

Are the Patients with Acute Pancreatitis Better Off Than 50 Years Ago?

Chris Forsmark, M.D., University of Florida

Evolution of TPIAT for the Treatment of CP: Half a Century of Progress

Melena Bellin, M.D., University of Minnesota

50 Years of Progress in Understanding the Role of Inflammation in Pancreatitis: What Have We Learned?

Aida Habtezion, M.D., Stanford University

Clinical Management of Pancreatitis: the Path Forward

Vijay Singh, M.B.B.S., Mayo Clinic, Arizona

Friday, November 8, 2019

11:15 AM – 12:30 PM **Mini Symposium V: Immunology of Exocrine Pancreatic Disorders**

HALEAKALA 2-3

Moderators: Farzad Esni, Ph.D. & Kyoko Shimizu, M.D., Ph.D.

Stop the Start: Targeting Extra Cellular Purinergic Signaling in Early Pancreatic Neoplasia

Jennifer M. Bailey, Ph.D., MD Anderson Cancer Center

Long-term Management of Auto-immune Pancreatitis

Kensuke Kubota, M.D., Ph.D., Yokohama City University

Immunotherapy in Pancreatic Cancer

Stephanie Dougan, Ph.D., Dana-Farber Cancer Institute

Overcoming NK Cell Resistance in Pancreatic Cancer

Kyung-Mi Lee, Ph.D., Korea University

11:15 AM – 12:30 PM **Mini Symposium VI: Advancement in Pancreatic Surgery in the Era of**

HALEAKALA 1

Multi-disciplinary Treatment for PDAC

Moderators: Johanna Laukkanen, M.D. & Masafumi Nakamura, M.D., Ph.D.

Precision Management of Pancreatic Cysts Using Multimodality Tests and Artificial Intelligence – Is it Time to Update the Current Guidelines?

Christopher L. Wolfgang, M.D., Ph.D., Johns Hopkins Medicine

Neoadjuvant Chemoradiation Therapy of Resectable and Borderline Resectable PDAC

Masayuki Sho, M.D., Ph.D., Nara Medical University

Neoadjuvant Treatment of Resectable PDAC

Michiaki Unno, M.D., Ph.D., Tohoku University

Operative Procedures for PDAC in the Era of Multi-Disciplinary Treatment

Tsutomu Fujii, M.D., Ph.D., Nagoya University

Friday, November 8, 2019

12:30 PM – 2:30 PM Lunch and Poster Session
Location: Haleakala Pre-Function/4-5

Posters of Distinction Professor Round – 1:30 PM
Cancer: Andrew Ko & Kyoko Shimizu
Pancreatitis: Minote Apte & Atsushi Masamune

2:30 PM – 4:00 PM **Mini Symposium VII: Biology and Medical Management of Pancreatitis**
HALEAKALA 2-3 Moderators: Adam Slivka, M.D., Ph.D & Tetsuhide Ito, M.D., Ph.D

Organelle Disorder in Pancreatitis
Anna Gukovskaya, Ph.D., University of California, LA

Unraveling the Black Box of Drug-induced Pancreatitis
Sohail Husain, M.D., Stanford University

Management of Chronic Pancreatitis: Challenges and Opportunities
Phil Hart, M.D., The Ohio State University

Diagnosis and Management of Exocrine Pancreatic Insufficiency
Chris E. Forsmark, M.D., University of Florida

Autoimmune Pancreatitis
Matthias Löhr, M.D., Ph.D., European Pancreas Society

Diagnosis of Acute Necrotizing Pancreatic with Perfusion CT
Yoshihisa Tsuji, M.D., Ph.D., Shiga University of Medical Science

Friday, November 8, 2019

2:30 PM – 4:00 PM

HALEAKALA I

Mini Symposium VIII: Risk Stratification and Early Diagnosis of PDAC

Moderators: Sudhir Srivastava, Ph.D. & Masayuki Kitano, M.D., Ph.D

Introduction

Sudhir Srivastava, Ph.D., National Cancer Institute

Diabetes and Early Detection of Pancreatic Cancer

Suresh Chari, M.D., MD Anderson Cancer Center

Screening of PDAC in High-risk Individuals

Reiko Ashida, M.D., Ph.D., Osaka University, Japan

High Risk Surveillance and New Earlier Detection Biomarker Strategies for Pancreatic Ductal Adenocarcinoma

Rosalie Sears, Ph.D., Oregon Health Sciences University

Detection of PDAC at Early Stage: JA Onomichi General Hospital Experience

Keiji Hanada, M.D., Ph.D., Onomichi General Hospital Japan

Apobec3A as a Novel Oncogene in Pancreatic Cancer

Andrew Rhim, M.D., MD Anderson Cancer Center

4:00 PM – 4:15 PM

Break



Friday, November 8, 2019

4:15 PM – 5:45 PM

HALEAKALA I

PAUL WEBSTER SYMPOSIUM

Half Century of Progress in Pancreatic Surgery and Beyond

Moderators: O. Joe Hines, M.D. & Hans Beger, M.D.

50 Years of Progress in Surgery for Pancreatic Cancer

Markus W. Büchler, M.D., University of Heidelberg

Half a Century of Surgery for Acute Pancreatitis.

Yoshifumi Takeyama, M.D., Ph.D., Kindai University

IPMN: Where We Are and Where We Will Be

Carlos Fernandez-del Castillo, M.D., Dana-Farber/ Harvard Cancer Center

Half a Century of Progress in Surgery for Chronic Pancreatitis.

Howard Reber, M.D., University of California, LA

Half a Century of Progress in Early Detection of PDAC and the Way Forward.

Diane Simeone, M.D., NYU Langone Health

Future of Surgery for Pancreatic Cancer

Kyoichi Takaori, M.D., Ph.D., Kyoto University

5:45 PM – 6:15 PM

HALEAKALA I

Business Meeting

6:30 PM – 7:30 PM

Women In Pancreas Networking Reception

Reflection Pool



Saturday, November 9, 2019

7:00 AM – 8:00 AM Breakfast
Location: Haleakala Pre-Function

7:00 AM – 8:00 AM Breakfast Meeting
HALEAKALA 4-5 **Embracing Diversity in Pancreatology**
Moderator: Zobeida Cruz-Monserrate, Ph.D.

8:15 AM – 10:00 AM **Mini Symposium IX: Challenges in Multidisciplinary Treatment of Locally Advanced PDAC**
HALEAKALA 1
Moderators: Hiroki Yamaue, M.D., Ph.D & Diane Simeone, M.D.

What is the Definition of Resectability for Pancreatic Cancer
Yi Miao, M.D., Ph.D., Nanjing Medical University

Challenges in Multidisciplinary Treatment of Locally Advanced PDAC – the Surgeons Point of View
Jens Werner, M.D., MBA, University of Munich

Strategy of Conversion Surgery for Unresectable Pancreatic Cancer
Satoshi Hirano, M.D., Ph.D., Hokkaido University

Shifting Paradigms for the Treatment of Localized (non-metastatic) Pancreatic Cancer
Andrew Ko, M.D., University of California, SF

Surgical Management for Locally Advanced Pancreatic Cancer
Kenichiro Uemura, M.D., Hiroshima University, Japan

Challenges in Locally Advanced and Metastatic PDAC
Sohei Satoi, M.D., Kansai Medical University

Saturday, November 9, 2019

8:15 AM – 10:00 AM **Mini Symposium X: Signal Transduction in Pancreatic Disease**
HALEAKALA 2-3 Moderators: Jean Morisset, Ph.D. & Julie Fleshman, JD, MBA

Transporters in Pancreatic Cancer

Min Li, Ph.D., University of Oklahoma Health Sciences Center

The Inhibitor Ca²⁺ Influx Channel SARAF in Pancreatitis

Shmuel Muallem, Ph.D., NIH/ NIDCR

ER Stress in Pancreatitis

Aurelia Lugea, Ph.D., Cedars Sinai Medical Center

Targeting Redox Status and mRNA Translation in Pancreatic Cancer



Christine Chio, M.D., Ph.D., Columbia University

PanCan Grant Awardee

CA19-9 Promotes Pancreatitis and Pancreatic Cancer



Dannielle Engle, Ph.D., The Salk Institute

PanCan Grant Awardee

Targeting Syndecan1 in Pancreatic Cancer/ Syndecan-1 is a Novel Regulator for Nutrient Salvage Pathway



Wantong Yao, M.D., Ph.D., MD Anderson Cancer Center

PanCan Grant Awardee

Targeting Prolactin Receptor in Pancreatic Cancer: Possible Involvement of the Immune System

Shrikant Anant, Ph.D., University of Kansas Medical Center

10:00 AM – 10:15 AM Break

10:15 AM – 11:15 AM **Pancreatic Cancer Abstract Session IV**

HALEAKALA I

Moderators: Anne Killary, Ph.D. & Richard Peek, M.D.

APACT: Phase III, Multicenter, International, Open-Label, Randomized Trial of Adjuvant *nab*-Paclitaxel Plus Gemcitabine (*nab*-P/G) vs Gemcitabine (G) for Surgically Resected Pancreatic Adenocarcinoma

A. Ko, M. Reni, H. Riess, U. Pelzer, E.M. O'Reilly, J. Winter, D.Y. Oh, C.P. Li, G. Tortora, H.M. Chang, C.D. Lopez, J. Tabernero, E. Van Cutsem, P. Philip, D. Goldstein, J.D. Berlin, S. Ferrara, M. Li, B. Lu, A. Romano, H. Marks, A. Biankin, M.A. Tempero. *Department of Hematology and Oncology, University of California, San Francisco, Helen Diller Comprehensive Cancer Center, San Francisco, CA*

Surgical Outcomes After Pancreatic Resection of Screening-Detected Lesions in Individuals at High Risk for Developing Pancreatic Cancer

M.I. Canto, T. Kerdsirichairat, O. Brewer-Guitierrez, C.J. Yeo, R.H. Hruban, E.J. Shin, J.A. Almario, A. Blackford, M. Ford, A.P. Klein, A.A. Javed, A.M. Lennon, A. Zaheer, I.R. Kamel, E.K. Fishman, R. Burkhart, J. He, M. Makary, M.J. Weiss, R.D. Schulick, M.G. Goggins, C.L. Wolfgang. *Departments of Medicine (Gastroenterology), Oncology, Surgery, Pathology, Radiology, The Sol Goldman Pancreatic Cancer Research Center, Johns Hopkins Medical Institutions, Baltimore, Maryland*

Early Drain Removal After Major Pancreatectomy Reduces Postoperative Complications: A Prospective, Randomized, Single-Center Trial

M.H. Dai, Q.F. Liu, C. Xing, J. Kleff, Q. Liao, J.C. Guo, X.L. Han, Q. Xu, S.D. Wang, Y.P. Zhao. *Department of General Surgery, Peking Union Medical College Hospital (PUMCH), Peking Union Medical College & Chinese Academy of Medical Sciences, Beijing, China; National Translational Medicine of China, Beijing, China; Department of Visceral, Vascular and Endocrine Surgery, Martin-Luther-University Halle-Wittenberg, Germany*

More Objective Assessment of Tumor Regression in Post Neoadjuvant Therapy Resections for Pancreatic Ductal Adenocarcinoma: a Multicenter Study on Comparison of Multiple Tumor Regression Grading Systems

Y. Matsuda, S. Ohkubo, Y. Fukumura, K. Hirabayashi, H. Yamaguchi, Y. Sahara, A. Kawanishi, S. Takahashi, T. Arai, M. Kojima, M. Mino-Kenudson. *Oncology Pathology, Department of Pathology and Host-Defense, Faculty of Medicine, Kagawa University, Kagawa, Japan*

Saturday, November 9, 2019

Opioids modulate pancreatic carcinogenesis via the microbiome: a potential role in pancreatic cancer immunotherapy

V. Sethi, S. Kurtom, J. Tao, P. Sharma, A. Ferrantella, H.K.C. Jacob, R. Dawra, S. Roy, A. Saluja, V. Dudeja. *Department of Surgical Oncology, Sylvester Comprehensive Cancer Center, University of Miami, Miami, FL*

10:15 AM – 11:15 AM General Pancreatology Abstract Session I

HALEAKALA 2-3

Moderators: Tom K. Lin, M.D. & Kevin Staveley-O'Carroll, M.D.

D52 is an Autophagy Cargo Receptor that Coordinates Secretion and Autophagy in Acinar Cells

M. M. Cooley, D.D.H. Thomas, M.Q. Breen, N. Ly, K. Ly, S. W. Messenger, E. K. Jones, G. E. Groblewski. *Department of Nutritional Sciences, University of Wisconsin – Madison, Madison, WI, United States*

Carboxyl Ester Lipase (CEL) in Pancreatic Disease: The Position of Single-base Deletions in the Last Exon of the Gene may Predict Pathogenicity

A. Gravdal, X. Xiao, M. Cnop, M.E. Lowe, B.B. Johansson, A. Molven, K. Fjeld. *Gade Laboratory for Pathology, Department of Clinical Medicine, University of Bergen, Bergen, Norway*

A Novel *in situ* Approach to Studying Pancreatic Ducts in Mice

E. Gál, J. Dolenšek, A. Stožer, V. Pohorec, A. Ébert, V. Venglovecz. *Department of Pharmacology and Pharmacotherapy, University of Szeged Faculty of Medicine, University of Maribor, Maribor, Slovenia Faculty of Natural Sciences and Mathematics, University of Maribor, Maribor, Slovenia*

Geminin Controls Growth and Differentiation in the Murine and Human Pancreas

L. Baeyens, D.W. Scheel, K. Yang, Y. Lei, M.S. German. *Reproduction - Genetics and Regenerative Medicine, Free University Brussels (VUB), Brussels, Belgium; Eli and Edythe Broad Center for Regenerative Medicine and Stem Cell Research and Department of Medicine, University of California San Francisco (UCSF), San Francisco, CA*

A Single-cell Atlas of the Developing Human Pancreas

Z. Liu, D.M. Wong, S. de la O, J.O. Bouza, R. McMullen, J.B. Sneddon. *Diabetes Center; Department of Anatomy; Broad Center of Regeneration Medicine and Stem Cell Research, University of California, San Francisco, CA.*

Saturday, November 9, 2019

11:15 AM – 1:00 PM
HALEAKALA 1

Mini Symposium XI: Updates in Pancreatic Neoplasms: IPMN & PNET

Moderators: Kim Kirkwood, M.D. & Timothy Donahue, M.D.

Recurrence Patterns After Surgical Resection for IPMN

Seiko Hirono, M.D., Ph.D., Wakayama Medical University

New Model for Predicting Malignancy in Patients with Intraductal Papillary Mucinous Neoplasm

Yasuhiro Shimizu, M.D., Ph.D., Aichi Cancer Center Hospital

Current Approaches to the Management of Metastatic Neuroendocrine Tumors

Nipun Merchant, M.D., University of Miami

Epidemiology of Pancreatitis

Vinciane Rebours, M.D., Ph.D., Paris-Diderot University

Japanese Guidelines for Management of NET

Toshihiko Masui, M.D., Ph.D., Kyoto University

Therapeutic Strategy of NET

Masafumi Ikeda, M.D., Ph.D., National Cancer Center Hospital East

11:15 AM – 1:00 PM
HALEAKALA 2-3

Mini Symposium XII: Diagnostic Modalities in Chronic Pancreatitis and PDAC

Moderators: Murray Korc, M.D. & Rodger A. Liddle, M.D.

Integrin Imaging in Pancreatic Cancer

Julie L. Sutcliffe, Ph.D., University of California, Davis

Association of Fatty Pancreas with Pancreatic Endocrine and Exocrine Function

Junichi Sakagami, M.D., Ph.D., Kyoto Prefectural University of Medicine

MRI as a Non- Invasive Method for the Assessment of Pancreatic Fibrosis (MINIMAP Study)

Temel Tirkes, M.D., Indiana University School of Medicine

New Diagnostic Criteria for Chronic Pancreatitis in Japan

Kazuhiro Kikuta, M.D., Ph.D., Tohoku University

Saturday, November 9, 2019

Nationwide Survey of Treatment for Pancreatolithiasis in Japan

Kazuo Inui, M.D., Fujita Health University

Advances in Diagnosis of Chronic Pancreatitis

Darwin Conwell, M.D., Ohio State University

1:00 PM – 3:00 PM

Lunch

Haleakala Pre-Function

A CELEBRATION OF 50 YEARS OF
SERVICE TO PANCREATOLOGY

Dr. V.L.W. (Bill) Go
Commemoration Dinner

Saturday, November 9, 2019

5:30 PM | Haleakala 1

APA & JPS TURN 50!

POSTERS | WEDNESDAY, NOVEMBER 6

POSTERS OF DISTINCTION (PW-1 – PW-19)

PW-1

Targeting Tumor Intrinsic Metabolic Node in Pancreatic Cancer Causes Tumor Regression, Remodels Extracellular Matrix and Sensitizes to Anti-PD1 Therapy

N.S. Sharma, V.K. Gupta, V. Garrido, R. Hadad, B. Durden, K. Kesh, A. Ferrantella, B. Giri, V. Dudeja, A.K. Saluja, S. Banerjee. *Department of Surgery, University of Miami, Miami FL USA.*

PW-2

CFTR Expression and Activity in Fetal Pancreatic Ducts

G. Für, L. Kiss, Z. Balla, E.R. Bálint, E.S. Kormányos, B. Czira, P. Pallagi, N. Pásztor, L. Kaizer, V. Venglovecz, J. Maléth, P. Hegyi, Z. Kozinszky, Z. Rakoncay Jr. *Department of Pathophysiology; First Department of Medicine; Department of Obstetrics and Gynecology; Department of Pathology; Department of Pharmacology and Pharmacotherapy; MTA-SZTE Momentum Research Group, University of Szeged, Szeged, Hungary; Institute for Translational Medicine, University of Pécs, Pécs, Hungary; Department of Obstetrics and Gynecology, Blekinge Hospital, Karlskrona, Sweden*

PW-3

The Impact of Preoperative Biliary Drainage Followed by Ascitic Bacterial Contamination on Clinically Relevant Pancreatic Fistula after Pancreaticoduodenectomy

M. Akashi, Y. Nagakawa, Y. Hosokawa, Y. Sahara, C. Takishita, Y. Hijikata, H. Osakabe, Y. Kiya, H. Nishino, T. Shirota, T. Nakajima, K. Katsumata¹, A. Yoshito, T. Itoi, A. Tsuchida¹ *Department of Gastrointestinal and Pediatric Surgery, Tokyo Medical University, Tokyo, Japan; Department of surgery, Kurume University School of Medicine; Department of Gastroenterological Medicine, Tokyo Medical University, Tokyo, Japan.*

PW-4

Efficacy of Limited Resection for Pancreatic Solid Pseudopapillary Neoplasms: A Multicenter Analysis From Central and Western China

C. Tan, Z. Yang, J. Li, F. Ji, S. Gou. *Department of Pancreatic surgery, Sichuan University West China Hospital, Chengdu 610041, China; Department of Hepatobiliary Surgery, Southwest Hospital, Army Medical University, Chongqing 400038, China; Department of Hepatobiliary Surgery, First Affiliated Hospital of Kunming Medical University, Kunming 650032, China; Department of Hepatobiliary Surgery, Second Affiliated Hospital of Kunming Medical University, Kunming 650106, China; Department of Pancreatic Surgery, Union Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan 430022, China.*

PW-5

BM-Derived Cells Destruct Basement Membrane and Induce Local Invasion of Pancreatic Cancer

C. Iwamoto, K. Ohuchida, Y. Ando, T. Shinkawa, Y. Ohtsubo, K. Shindo, T. Moriyama, K. Nakata, K. Miyawaki, T. Ohtsuka, K. Akashi, M. Eto, M. Nakamura. *Department of Surgery and Oncology, Kyushu University Graduate School of Medical Sciences, Fukuoka, Japan; Department of Medicine and Biosystemic Science, Kyushu University Graduate School of Medical Sciences, Fukuoka, Japan; Department of Urology, Kyushu University Graduate School Medical Sciences, Fukuoka, Japan.*

PW-6

A Novel Target That Required for Autophagy, Associated With Activation of Pancreatic Stellate Cells, Promotes Pancreatic Cancer Progression

W.Y. Guan, K. Nakata, K. Ohuchida, A. Sagara, S. Endo, Y. Ando, Z.L. Yan, S. Matsumoto, T. Shinkawa, Y. Ohtsubo, C. Iwamoto, T. Moriyama, N. Ikenaga, K. Shindo, T. Ohtsuka, K. Mizumoto, and M. Nakamura. *Department of Surgery and Oncology, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan; Department of Advanced Medical Initiatives, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan; Cancer Center, Kyushu University Hospital, Fukuoka, Japan.*

POSTERS | WEDNESDAY, NOVEMBER 6

PW-7

Upregulation of Cytidine Deaminase is Responsible for Acquisition of Gemcitabine Resistance in a Subset of Pancreatic Cancer

Y. Saiki, T. Hiyoshi, K. Ishizawa, M. Yamanaka, A. Sasaki, A. Hirayama, T. Soga, T. Furukawa, A. Horii. *Departments of Molecular Pathology, and Investigative Pathology, Tohoku University School of Medicine, Sendai, Japan; Institute for Advanced Biosciences, Keio University, Tsuruoka, Japan*

PW-8

Is it Possible to Isolate and Detect Peripheral Blood Circulating-cancer-stem-cell in Patients With Various Metastatic Cancers, Including Pancreatic Cancer, Biliary Cancer, and Metastatic Breast Cancer?

K.S. Yoo, H.S. Choi, W.-Y. Kim, C.G. Kim, J.-G. Park, S.-B. Lee. *Department of Gastroenterology, Hanyang University College of Medicine, Seoul, South Korea; Department of Electronic Engineering, Hanyang University College of Engineering, Seoul, South Korea; Department of Life Science and Research Institute for Natural Sciences, Hanyang University College of Natural Sciences, Seoul, South Korea; Institute of Nano Science and Technology, Hanyang University, Seoul, South Korea*

PW-9

Usefulness of Positron Emission Tomography-Computed Tomography in Determining the Therapeutic Effects of Neoadjuvant Therapy for Pancreatic Cancer

T. Yokose, M. Kitago, M. Shinoda, H. Yagi, Y. Abe, G. Oshima, S. Hori, Y. Endo, K. Abe, Y. Kitagawa. *Department of Surgery, Keio University School of Medicine, Tokyo, Japan.*

PW-10

The Temporal Order of *KRAS* And *GNAS* Mutations in Intraductal Papillary Mucinous Neoplasms of the Pancreas and Evolution to Invasive Carcinoma

Y. Mizukami, H. Karasaki, Y. Ono, Y. Omori, A. Hayashi, S. Tachibana, Y. Sugiyama, H. Sato, H. Kawabata, T. Goto, M. Fujiya, K. Takahashi, A. Katanuma, H. Maguchi, T. Furukawa, T. Okumura. *Department of Medicine, Asahikawa Medical University, Asahikawa, Japan; Institute of Biomedical Research, Sapporo Higashi Tokushukai Hospital, Sapporo, Japan; Department of Investigative Pathology, Tohoku University Graduate School of Medicine, Sendai, Japan; Center for Gastroenterology, Teine-Keijinkai Hospital, Sapporo, Japan.*

PW-11

Treatment With Reltecimod Significantly Reduces Inflammation in Mouse Model of Acute Pancreatitis

R. Dawra, Z. Yuan, V. Dudeja, R. Edgar, A. Shirvan, and A. Saluja. *Department of Surgery and Sylvester Comprehensive Cancer Center, University of Miami, Miami, FL; Atox Bio, Weizmann Science Park, Ness Ziona, Israel.*

PW-12

Anatomical Evaluation of the Inferior Pancreaticoduodenal Artery Branching Pattern in Patients with a replaced Right Hepatic Artery

K. Noguchi, Y. Tomimaru, J. Shimizu, Y. Yanagimoto, Y. Takahashi, M. Hirota, K. Oshima, T. Tanida, S. Noura, T. Kawase, H. Imamura, K. Akagi, T. Iwazawa, K. Dono. *Department of Surgery, Toyonaka Municipal Hospital, Toyonaka, Japan; Department of Gastroenterological Surgery, Osaka University, Graduate School of Medicine*

PW-13

Decrease in Pancreatic Fat Accumulation is Involved in Pancreatic Volume Loss After Gastrectomy for Gastric Cancer

Y. Nakayama, A. Sugiyama, T. Matsubara, N. Hirahara, Y. Tajima. *Department of Surgery, Izumo City General Medical Center, Izumo, Japan; Department of Surgery, Izumo Tokushukai Hospital, Izumo, Japan; Department of Digestive and General Surgery, Shimane University Faculty of Medicine, Izumo, Japan*

PW-14

Linc00857 Mediates the Transformation From Chronic Pancreatitis to Pancreatic Cancer

C.C. Zhou, Z. Wang. *Department of Hepatobiliary Surgery, First Affiliated Hospital, Xi'an Jiaotong University, Xi'an 710061, China.*

POSTERS | WEDNESDAY, NOVEMBER 6

PW-15

Incidence of Cystic Fibrosis in Japanese.

S. Naruse, H. Ishiguro, A. Yamamoto, M. Nakakuki, Y. Ozawa, I. Taniguchi, S. Kondo, K. Fujiki, S. Futakuchi, Y. Takeyama. *Department of Medicine, Miyoshi Municipal Hospital, Department of Human Nutrition, Nagoya University Graduate School of Medicine, Department of Food Sciences and Nutrition, Nagoya Women's University, Department of Nutritional Sciences, Nagoya University of Art and Sciences, Department of Surgery, Kinki University Faculty of Medicine.*

PW-16

Oral Refeeding in Acute Pancreatitis Based on the Pancreatitis Activity Scoring System

A. Satoh, M. Kawabe, A. Ubukata, F. Shimoda, Y. Tanaka, H. Okata, K. Hiramoto, O. Kimura, S. Asonuma, K. Umemura, T. Shimosegawa. *Department of Gastroenterology, South Miyagi Medical Center, Ohgawara, Japan, Division of Gastroenterology, Tohoku University Graduate School of Medicine, Sendai, Japan*

PW-17

Difference in IgG4-RD Cut-off Values Between Three Reagents

T. Uehara, Y. Usami, M. Sugano, N. Ishimine, H. Hamano, T. Honda. *Department of Laboratory Medicine, Shinshu University School of Medicine, Matsumoto, Japan; Department of Gastroenterology, Shinshu University School of Medicine, Matsumoto, Japan*

PW-18

Short and Long-Term Outcomes of Surgery for Chronic Pancreatitis

K. Nakata, T. Ohtsuka, Y. Miyasaka, Y. Watanabe, Y. Mori, N. Ikenaga, M. Nakamura. *Department of Surgery and Oncology, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan*

PW-19

Validation of the END-PAC Model for Prediction of Pancreatic Cancer in New Onset Diabetes

R.K. Butler, E. Lustigova, A. Maitra, S. Chari, J.A.S. Rinaudo, B.U. Wu, W. Chen. *Research and Evaluation, Kaiser Permanente Southern California, Pasadena, CA; Departments of Pathology and Translational Molecular Pathology, Ahmad Center for Pancreatic Cancer Research, University of Texas MD Anderson Cancer Center, Houston, TX; Division of Gastroenterology and Hepatology, Mayo Clinic, Rochester, MN, Division of Cancer Prevention, National Cancer Institute, Rockville, MD, Center for Pancreatic Care, Gastroenterology, Kaiser Permanente Southern California, Los Angeles, CA.*

PW-20

The Anatomical Features of Dorsal Pancreatic Artery in the Pancreatic Head and its Clinical Significance in Laparoscopic Pancreatoduodenectomy

C.Y. Jiang, Y. Liang, Y. Deng, Y.T. Chen, Z.S. Dai, H.W. Wang, P.F. Hu, Z.W. Cai, W. Wang. *Department of General Surgery, Huadong Hospital, Fudan University, Shanghai, P.R. China; Minimally Invasive Center, Huadong Hospital, Fudan University, Shanghai, P.R. China; Anatomy Department, Shanghai medical college, Fudan University, Shanghai, P.R. China.*

PW-21

Irreversible Electroporation Followed by Chemotherapy vs Chemotherapy Alone for Locally Advanced Pancreatic Cancer: a Large Cohort Propensity Score Analysis

C.B. He, J. Wang, S.P. Li. *Department of Pancreatobiliary Surgery, State Key Laboratory of Oncology in South China, Collaborative Innovation Center for Cancer Medicine, Sun Yat-sen University Cancer Center, Guangzhou 510060, China; Department of Ultrasonics, State Key Laboratory of Oncology in South China, Collaborative Innovation Center for Cancer Medicine, Sun Yat-sen University Cancer Center, Guangzhou 510060, China.*

POSTERS | WEDNESDAY, NOVEMBER 6

PW-22

Plasma Protein- and Radiomics-based Prediction of Tumor Response to Modified FOLFIRINOX in Pancreatic Ductal Adenocarcinoma

Q. Zhang, Y. Lou, T. Tang, X. Bai, T. Liang. *Department of Hepatobiliary and Pancreatic Surgery, the First Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, China; Zhejiang Provincial Key Laboratory of Pancreatic Disease, the First Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, China; The Innovation Center for the Study of Pancreatic Diseases of Zhejiang Province, Hangzhou, China.*

PW-23

Dynamic Phenotype and Function of Macrophage During the Pancreas Regeneration After Acute Pancreatitis

J.H. Wu, J. Xue. *State Key Laboratory of Oncogenes and Related Genes, Stem Cell Research Center, Ren Ji Hospital, School of Medicine, Shanghai Jiao Tong University, Shanghai 200127, China*

PW-24

The Prognostic Marker of Unresectable Pancreatic Cancer Undergoing Gemcitabine/nab-Paclitaxel Chemotherapy

A. Ohno, N. Fujimori, Y. Suehiro, M. Murakami, K. Matsumoto, K. Teramatsu, F. Kojima, Y. Takamatsu, T. Takaoka, M. Oono, Y. Ogawa. *Department of Medicine and Bioregulatory Science, Graduate School of Medical Sciences, Kyushu University.*

PW-25

Early Induction of Enteral Nutrition Reduces the Cases With Endoscopic Intervention to Infectious Peripancreatic Fluid Collection in Severe Acute Pancreatitis Cases

A. Matsuda, M. Tsunoda, S. Sugahara, C. Ikeda, T. Ishizawa, Y. Kakizaki, N. Makino, Y. Ueno. *Department of Gastroenterology, Faculty of Medicine, Yamagata University, Yamagata, Japan.*

PW-26

Repositioning of Duloxetine as a New Drug for Targeting Pancreatic Cancer Microenvironment

A. Sagara, K. Nakata, T. Yamashita, W. Guan, S. Matsumoto, S. Date, Y. Ohtsubo, T. Shinkawa, R. Kimura, A. Fujii, Y. Ando, C. Iwamoto, Y. Watanabe, K. Shindo, N. Ikenaga, T. Moriyama, K. Ohuchida, T. Ohtsuka, K. Mizumoto, M. Nakamura. *Department of Surgery and Oncology, Graduate School of Medical Sciences, Department of Molecular and System Pharmacology, Graduate School of Pharmaceutical Sciences, Kyushu University, Fukuoka, JP.*

PW-27

Preoperative Imaging Predictors for Early Recurrence After Complete Resection for Patients With Pancreatic Cancer

A. Izumozaki, D. Inoue, Y. Hori, T. Komori, F. Toshima, S. Kobayashi, T. Gabata. *Department of Radiology, Kanazawa University Graduate School of Medical Science, Kanazawa, Japan; Department of Gastroenterology and Metabolism, Nagoya City University Graduate School of Medical Sciences, Nagoya, Japan.*

PW-28

The Clinical Features of Serum IgG4-negative Autoimmune Pancreatitis.

A. Mitoro, M. Yoshida, M. Sawai, K. Seki, K. Kitagawa, M. Furukawa, Y. Fujinaga, T. Ozutsumi, J. Yamao, H. Yoshiji. *The Third Department of Internal Medicine, Nara Medical University, Kashihara, Japan*

PW-29

ASAP2, a Downstream of Src Pathway is a Brand New Molecular Target of Pancreatic Cancer

A. Fujii, T. Masuda, S. Kuramitsu, A. Kitagawa, M. Noda, Y. Tsuruda, Y. Matsumoto, H. Ohtsu, H. Uchida, T. Ohtsuka, M. Nakamura, K. Mimori. *Department of Surgery, Kyushu University Beppu Hospital, Department of Surgical Oncology, Kyushu University.*

POSTERS | WEDNESDAY, NOVEMBER 6

PW-30

EUS-Elastography is a Useful Tool for Diagnosis of Chronic Pancreatitis

A.H. Hosui, T.T. Tanimoto, K.M. Matsumoto, N.H. Hiramatsu. *Department of Gastroenterology and Hepatology, Osaka Rosai Hospital, Osaka, Japan*

PW-31

Clinical Impact of Preoperative Chemo-radiotherapy for Carcinoma of the Pancreas

A Miki, Y. Sakuma, A. Yoshida, H. Sasanuma, K. Endo, K. Morishima, A.K. Lefor, J. Kitayama, N. Sata. *Department of Surgery, Jichi Medical University, Shimotsuke, Japan*

PW-32

The Peritoneal Fluid Reflects the Effect on Pancreatic Cancer by IORT.

Y.S. Lee, H.S. Kim, J. Lim, J.S. Park. *Pancreas-biliary Cancer Clinic, Department of Surgery, Gangnam Severance Hospital, Yonsei University College of Medicine, Seoul, Korea; Department of Laboratory Medicine, Gangnam Severance Hospital, Yonsei University College of Medicine.*

PW-33

GLRLM Features in CT Texture Analysis are Prognostic Factors: Evaluation of Pancreatic Cancer Heterogeneity

H.S. Kim, J. B. Lim, , J.S. Park. *Pancreas-biliary Cancer Clinic, Department of Surgery, Gangnam Severance Hospital, Yonsei University College of Medicine, Seoul, Korea; Department of Laboratory Medicine, Gangnam Severance Hospital, Yonsei University College of Medicine*

PW-34

The Extravesicular Connection in Pancreatic Circulating Tumor Cells – “Evading the Active Immune System”

H.K. Charles Jacob, A.R. Ferrantella, J. Tao, T. Kashuv, S. Kurtom, T.M. Giret, U. Vaish, S. Lavania, A.K. Saluja, V. Dudeja. *Department of Surgery, Miller School of Medicine, University of Miami, Miami, FL; Department of Biochemistry and Molecular Biology, University of Miami, Miami, FL; Department of Radiation Oncology, Miller School of Medicine, University of Miami, Miami, FL*

PW-35

A Case of Focal Autoimmune Pancreatitis Without Serum IgG4 Elevation Associated With a Pancreatic Pseudocyst

E. Tsuyugichi, S. Omoto, S. Hiramatsu, H. Takihara, T. Inoue. *Department of Gastroenterology, Kishiwada Tokushukai Hospital, Osaka, Japan, Department of Gastroenterology, Kindai University faculty of Medicine, Osaka, Japan.*

PW-36

Tissue Clearing Technology Allows Three-dimensional Counting of Pancreatic Neuroendocrine Neoplasms Obtained by EUS-FNAB

E. Ikeda, J. Ushio, Y. Kawasaki, Y. Tada, K. Yokoyama, K. Tamada, H. Onodera, N. Fukushima. *Department of Internal Medicine, Division of Gastroenterology, Jichi Medical University, Tochigi, Japan; Department of Internal Medicine, Division of Pathology, Jichi Medical University, Tochigi, Japan; Department of Electrical and Electronic Engineering, The University of Tokyo, Hongo, Bunkyo-ku, Tokyo, Japan; Photon Science Center, The University of Tokyo, Hongo, Bunkyo-ku, Tokyo, Japan.*

PW-37

Clinical Features of Trousseau Syndrome Associated With Pancreatic Ductal Adenocarcinoma

H. Kusaka, K. Yoshida, Y. Nakashima, H. Aoki, S. Tokioka, R. Nishimon, A. Kitagawa, K. Hino. *Departments of Hepatology and Pancreatology and Interventional Bilio-Pancreatology, Kawasaki Medical School Hospital, JAPAN.*

PW-38

Hepatic Arterial Infusion Chemotherapy for Liver Metastases From Pancreatic Cancer After Surgery

H. Tajima, R. Gabata, M. Okazaki, Y. Ohbatake, H. Shimbashi, S. Nakanuma, I. Makino, T. Miyashita, T. Ohta. *Department of Gastroenterological Surgery, Kanazawa University, Kanazawa, Japan.*

POSTERS | WEDNESDAY, NOVEMBER 6

PW-39

A Case Report on the Usefulness of Early Endoscopic Ultrasound (EUS)-guided Transgastric Internal Stenting for Severe Blunt Pancreatic Trauma

H. Saho, S. Iino, M. Sakoda, S. Ueno, K. Minami, K. Hiwatashi, H. Kurahara, Y. Mataka, K. Maemura, H. Shinchi, S. Natsugoe. *Kagoshima University, Kagoshima, Japan*

PW-40

Central Pancreatectomy for Early-stage Pancreatic Ductal Adenocarcinoma: A Single-Center Case-control Study

H. Gao, T.T. Liu, G.F. Wang, Y. Gao, L.D. Yin, Y.P. Peng, N. Lyu, K. Zhang, W.T. Gao, J.L. Wu, K.R. Jiang, J.S. Wei, Y. Miao. *Pancreas Center, the First Affiliated Hospital of Nanjing Medical University, Nanjing, China; Pancreas Institute of Nanjing Medical University, Nanjing, China.*

PW-41

A Synchronous Pancreatic Neuroendocrine Tumor and Jejunal Gastrointestinal Stromal Tumor

H. Sotozono, A. Kanki, K. Yasokawa, T. Tamada, K. Yoshida. *Department of Radiology and Interventional Bilio-Pancreatology of Kawasaki Medical School, Kurashiki, Japan.*

PW-42

Effect of Chloroquine on the Caerulein-Induced Model of Severe Acute Pancreatitis in Swiss Albino Mice

M. K. Sharma, K. Priyam, P. K. Garg, T. S. Roy, T. G. Jacob. *Departments of Anatomy; Gastroenterology, All India Institute of Medical Sciences, New Delhi*

PW-43

Role of an Interdisciplinary Pancreaticobiliary Tumor Board Review in the Evaluation of Main Duct IPMN: A Single Center Case Series

A.M. Ahmed, L.C. Shipley, D Harrison, R Mitchell, Reddy S. *Departments of Gastroenterology and Hepatology, Internal Medicine and Surgery, University of Alabama at Birmingham, Birmingham, AL.*

PW-44

A Rare Case of Post-ERCP Panniculitis

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PW-45

The Efficacy of Somatostatin Receptor Scintigraphy on the Diagnosis and Grading of Patients with Pancreatic Neuroendocrine Tumor: A Japanese Multicenter Cohort Study

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PW-46

Standardized Radical Resection for the Ductal Adenocarcinoma of the Pancreas Head Does Improve Local Control

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POSTERS | WEDNESDAY, NOVEMBER 6

PW-47

Next-Generation Sequencing in the Adenocarcinoma of the Pancreas Head: Genomic Mutations and Survival Analysis

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PW-48

Therapeutic Strategy for Recurrence in the Lung After Resection of Pancreatic Cancer

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PW-50

Mortality in Patients With Chronic Pancreatitis in a Diverse Integrated Healthcare Setting

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PW-51

Role of IL1RAP as a Novel Therapeutic Target in Pancreatic Adenocarcinoma

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PW-52

Up-regulation of OLA1 Promotes the Stemness and EMT Phenotypes in Chemoresistant Pancreatic Cancer Cells via Hedgehog Pathway

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PW-53

An Update to the Phase 1/2 Study Evaluating the Pharmacokinetics, Efficacy, and Safety of Camostat Mesilate in the Treatment of Chronic Pancreatitis (TACTIC)

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PW-54 Withdrawn

PW-55

Pharmacological interventions of Somatostatin and analogues for acute pancreatitis - A Multi-center, Real-world EMR Database Study in China

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PW-56

The Bromodomain Protein BRD4 Inhibition Attenuates Acute Pancreatitis via Regulating Autophagy and Lysosomal Function

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POSTERS | WEDNESDAY, NOVEMBER 6

PW-57

Analysis of the Most Useful Imaging Factor to Predict Early Pancreatic Cancer

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PW-58

EUS-FNA is Useful to Determine Management of Small Non-Functional pNENs

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PW-59

Color Doppler Twinkling Artifact as an Indicator of Pancreatic Function Impairment

J. Sakagami, H. Miyake, H. Yasuda, Y. Sogame, Y. Sawai, Y. Koyama, K. Takemura, T. Takata, K. Dainaka, K. Suwa, R. Kato, K. Kataoka, Y. Itoh. *Department of Gastroenterology and Hepatology, Kyoto Prefectural University of Medicine, Kyoto, Japan.*

PW-60

Association of Fatty Pancreas with Pancreatic Endocrine and Exocrine Function

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PW-61

Clinical Features and Pathologic Diagnosis Strategy of Early Diagnosis of Pancreatic Cancer

J. Ikemoto, M. Serikawa, Y. Ishii, T. Tsuboi, R. Kawamura, K. Tsushima, Y. Saito, T. Sekito, S. Nakamura, T. Hirano, A. Fukiage, Y. Kiyoshita, S. Saeki, Y. Tamura, Y. Murakami, K. Arihiro. *Department of Gastroenterology and Metabolism, Surgery, and Anatomical Pathology, Hiroshima University Hospital, Japan.*

PW-62

Preoperative Predictors of Early Recurrence in Patients With Resectable Left Side Pancreatic Adenocarcinoma: Impact of Splenic Vessel Invasion

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PW-63

Is Endoscopic Retrograde Cholangiopancreatography More Risky and Complicated for the Elderly? A Prospective Multicenter Observational Study

H. Lee, C.M. Cho, J. Heo, M.K. Jung, T.N. Kim, K.H. Kim, K.B. Cho, Y.S. Lee, H. Kim, H. G. Kim, J. Han, D.W. Lee. *Internal Medicine, Keimyung University Medical Center, Daegu, Korea; Internal Medicine, Kyungpook National University Medical Center, Daegu, Korea; Internal Medicine, Kyungpook National University Hospital, Daegu, Korea; Internal Medicine, Yeungnam University Medical Center, Daegu, Korea; Internal Medicine, Inje University College of Medicine, Ilsan Paik Hospital, Goyang, Korea; Internal Medicine, Daegu Fatima Hospital, Daegu, Korea; Internal Medicine, Daegu Catholic University Medical Center, Daegu, Korea*

POSTERS | WEDNESDAY, NOVEMBER 6

PW-64

Predictive Factors for Complications of Acute Pancreatitis

K. Suwa, Y. Koyama, Y. Sawai, K. Takemura, T. Takata, K. Dainaka, Y. Sogame, H. Yasuda, J. Sakagami, Y. Itoh. *Department of Gastroenterology and Hepatology, Kyoto Prefectural University of Medicine, Kyoto, Japan*

PW-65

Expression of CD133 as a Biomarker in Pancreatic Cancer

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PW-66

Inflammatory Serum Markers Predict Pancreatic Cancer Survival

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PW-67

Immune Response With Tumor-infiltrating Lymphocytes in Pancreatic Ductal Adenocarcinoma: a Systematic Review and Meta-analysis

R.C. Miksch, M. Weniger, J.G. D'Haese, A.V. Bazhin, J. Werner. *Department of General, Visceral, and Transplantation Surgery, Ludwig Maximilians-University, Munich, Germany.*

PW-68

Vitamin D Modulates Proliferation, Migration and Activation of Pancreatic Stellate Cells and Tumor-stroma Crosstalk

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PW-69

The Role of IL-18 in Pancreatic Fibrosis

Z. Li, M. Weniger, R.C. Miksch, J. Werner, A.V. Bazhin, J.G. D'Haese. *Department of General, Visceral, and Transplantation Surgery, Ludwig Maximilians-University, Munich, Germany.*

PW-70

Malignant Melanoma Associated With Type 1 Autoimmune Pancreatitis

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PW-71

Long-term Outcomes of Fully Covered Self-expandable Metal Stents in Benign Pancreatic Ductal Stricture of Chronic Pancreatitis

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PW-72

Peroxioredoxin-2 Inhibits Pancreatic Neuroendocrine Tumor Proliferation by Suppressing ROS Related Signaling Pathway

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POSTERS | WEDNESDAY, NOVEMBER 6

PW-73

Usefulness of Cine-dynamic MRCP Using Spatially Selective IR Pulse for Autoimmune Pancreatitis

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PW-74

MicroRNA-425 Promotes Pancreatic Ductal Adenocarcinoma Cell Invasion and Migration via Induction of the Epithelial–Mesenchymal Transition by Targeting PTEN

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PW-75

Prevention and Salvage Treatments for Hemorrhagic Complications in Endoscopic Necrosectomy

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PW-76

Relationship With Pancreatic Parenchyma T1 Value and Pancreatic Exocrine Function Estimated by Cine-dynamic MRCP Using a Spatially Selective IR Pulse

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PW-77

Effect of Preoperative Nab-paclitaxel and Gemcitabine on Pancreatic Cancer Stroma

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PW-78

Impaired Preoperative Glycemic Control is Associated With Reduced Survival in Resected pNENs

M. Sandini, O. Strobel, T. Hank, M. Lewosinska, T. Hackert, S. Schimmack. *Department of General, Visceral, and Transplantation Surgery, University of Heidelberg, Heidelberg, Germany.*

PW-79

Acinar to Ductal Metaplasia With High Grade Pancreatic Intraepithelial Neoplasia: A Case Report

K. Sasaki, K. Yoshida, H. Kusaka, H. Ohumi, T. Miyakae, A. Kitagawa, R. Nishimon, S. Tokioka, H. Aoki, Y. Nakashima, K. Hino. *Division of Hepatology and Pancreatology, Div. Interventional Bilio-pancreatology, Kawasaki Medical School, Kurashiki, 701–0192 Japan*

PW-80

Tumor Mutation Burden as a Prognostic Biomarker in Pancreatic Adenocarcinoma

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POSTERS | WEDNESDAY, NOVEMBER 6

PW-81

Long-Term Outcomes After Main Pancreatic Duct Re-stenosis in Patients With Chronic Pancreatitis Using a Single 10 Fr. S-Type Plastic Stent And Multiple Plastic Stents

K. Ito, N. Okano, K. Watanabe, Y. Yamada, K. Yoshimoto, S. Iwasaki, K. Takuma, S. Hara, Y. Kishimoto, Y. Igarashi. *Division of Gastroenterology and Hepatology, Internal Medicine, Toho University Omori Medical Center, Tokyo, Japan*

PW-82

Impaired Pancreatic Xenophagy Exacerbates Endotoxin-induced Pancreatic Injury

L. Xia, J.P. Neoptolemos, M.W. Büchler, T. Hackert, F. Fortunato. *Department of General, Visceral and Transplantation Surgery and Section Surgical Research, University Hospital Heidelberg, Germany*

PW-83

Dysregulated Endosomal Regulation in Pancreatic Autophagy Deficiency Increases the Susceptibility to Endotoxin-induced Pancreatic Injury

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PW-84

Risk Factors and Nomogram for Diabetes Mellitus in Idiopathic Chronic Pancreatitis

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PW-85

Risk Factors and Nomogram for Pancreatic Pseudocyst in Idiopathic Chronic Pancreatitis

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PW-86

Assessment of Pancreatic Parenchymal Atrophy With Three-Dimensional CT Imaging for Diagnosis of Early Pancreatic Cancer

K. Yamao, M. Takenaka, R. Ishikawa, A. Okamoto, T. Yamazaki, A. Nakai, S. Omoto, Ken Kamata, K. Minaga, T. Watanabe, K. Kamei, I. Matsumoto, Y. Takeyama, I. Numoto, M. Tsurusaki, T. Chikugo, Y. Chiba, M. Kudo. *Department of Gastroenterology and Hepatology, Surgery, Diagnostic Radiology and Pathology, Kindai University Faculty of Medicine, Osaka-Sayama, Osaka, Japan; Clinical Research Center, Kindai University Hospital, Osaka-Sayama, Osaka, Japan.*

POSTERS | WEDNESDAY, NOVEMBER 6

PW-87

Anti-tumor Effects of Deep Ultraviolet Irradiation for Pancreas Cancer

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PW-88

Risk Factors of Post ERCP Pancreatitis in the Patients With Chronic Heart Disease Relation to the Volume of Infusion

K. Tomishima, T. Fujisawa, S. Takahashi, W. Yamagata, Y. Takasaki, A. Suzuki, Y. Okawa, K. Ochiai, S. Ishii, T. Genda, H. Isayama. *Department of Gastroenterology, Graduate School of Medicine, Juntendo University; Department of Gastroenterology, Juntendo University Shizuoka Hospital.*

PW-89

Risk Factors for Surgical Site Infection After Pancreatectomy and the Characteristics of the Pathogens: A Retrospective Study

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PW-90

Fatty Acid Binding Protein 4 Promotes Pancreatic Cancer Growth via Altered Redox Signaling

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PW-91

Effects and Problems of Neoadjuvant Chemotherapy Using Gemcitabine + Nab-Paclitaxel for Advanced Pancreatic Cancer

K. Tomita, N. Chiba, M. Nakagawa, I. Koganezawa, K. Yokozuka, Y. Ozawa, T. Kobayashi, T. Sano, R. Tsutsui, S. Kawachi. *Department of Digestive and Transplantation Surgery, Tokyo Medical University Hachioji Medical Center, Japan*

PW-92

The New European Evidence-based Guidelines on Pancreatic Cystic Neoplasms (PCN) in Clinical Practice

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PW-93

Relationship Between Obstructive Jaundice and the Outcome of Pancreatic Cancer

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PW-94

Medical Treatment of Emphysematous Pancreatitis With Septic Shock: A Case Report

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PW-95

Can Intrapancreatic Adipose Tissue Content be a Risk Factor of Postoperative Pancreatic Fistula After Distal Pancreatectomy?

K. Maeda, N. Kuriyama, H. Komatsubara, Y. Nakagawa, K. Gyoten, A. Hayasaki, Y. Iizawa, T. Fujii, H. Kato, Y. Murata, A. Tanemura, M. Kishiwada, H. Sakurai, S. Mizuno, S. Isaji. *Department of Hepatobiliary Pancreatic and Transplant Surgery, Mie University Graduate School of Medicine, Tsu, Mie, Japan*

POSTERS | WEDNESDAY, NOVEMBER 6

PW-96

Analyses of Aberrant Methylation of Tumor Suppressive miRNAs in Bile in Patients With Pancreaticobiliary Diseases

K. Ohtsubo, K. Miyake, S. Arai, K. Fukuda, N. Yanagimura, C. Suzuki, S. Ootani, Y. Adachi, A. Tanimoto, A. Nishiyama, K. Yamashita, S. Takeuchi, K. Notohara, K. Yoshimura, S. Yano. *Division of Medical Oncology, Cancer Research Institute, Kanazawa University, Kanazawa, Japan; Department of Health Sciences, School of Medicine, University of Yamanashi, Chuo; Japan, Department of Anatomic Pathology, Kurashiki Central Hospital, Kurashiki, Japan; Department of Biostatistics, Innovative Clinical Research Center, Kanazawa University, Kanazawa, Japan.*

PW-97

Impact of Sarcopenia and Body Composition Change in Patients With Unresectable Pancreatic Cancer Receiving Systemic Chemotherapy

M. Kawahira, S. Arima, K. Oda, Y. Fujino, M. Hinokuchi, Y. Komaki, H. Iwaya, S. Tanoue, F. Sasaki, S. Hashimoto, S. Kanmura, A. Ido, *Digestive and Lifestyle Diseases, Kagoshima University Graduate School of Medical and Dental Sciences, Kagoshima, Japan*

PW-98

Intravenous Application of Mesothelin-targeted Oncolytic Adenovirus in Pancreatic Cancer

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PW-99

Heme Oxygenase-1 Inhibition Potentiates the Effects of Nab-paclitaxel-gemcitabine in Human Pancreatic Cancer Under Hypoxia

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PW-100

Genome-based Chemotherapy for Metastatic Pancreatic Cancer

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PW-101

High Tumor Fractional Extracellular Space Estimated From Computed Tomography is Associated With Chemotherapy Response and Progression Free Survival in Pancreatic Adenocarcinoma

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PW-102

Clinical Characteristics of Smoking Related Chronic Pancreatitis

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PW-103

Effectiveness of Endoscopic Ultrasonography-guided Fine-needle Aspiration for the Diagnosis of Pancreatic Neuroendocrine Tumors

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POSTERS | WEDNESDAY, NOVEMBER 6

PW-104

Study on Diagnosis and Treatment of Lactose Intolerance in Patients With Pancreatic Diabetes

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PW-105

The Usefulness of Endoscopic Retrograde Cholangiopancreatography in the Diagnosis of Pancreatic Duct Adenocarcinoma

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PW-106

Usefulness of Selective Arterial Calcium Injection Tests for Functional Pancreatic Neuroendocrine Neoplasms

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PW-107

Inhibition of PKD1 Signaling Inhibits the Proliferation and Activation of Pancreatic Stellate Cells *in Vitro*

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PW-108

For Establishment of Laparoscopic Pancreatoduodenectomy

N. Ikenaga, K. T. Ohtsuka, Y. Watanabe, Y. Mori, K. Nakata, and M. Nakamura. *Department of Surgery and Oncology, Kyushu University, Fukuoka, Japan*

PW-109

Effectiveness of MRSA Active Surveillance for Pancreatic Resection

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PW-110

Three-dimensional Remnant Pancreatic Volume Predicts Short-term and Long-term Outcomes in Pancreatic Cancer Patients After Resection

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PW-111

Clinicopathological Predictive Factors for Early Recurrence in Resectable Pancreatic Cancer

R. Kimura, Y. Miyasaka, Y. Mori, K. Nakata, T. Ohtsuka, M. Nakamura. *Department of Surgery and Oncology, Graduate school of Medical Sciences, Kyushu University.*

PW-112

Examination of conversion surgery of unresectable locally advanced pancreatic cancer

R. Tokai, I. Yoshioka, H. Baba, M. Arai, K. Sukegawa, T. Watanabe, K. Hirano, K. Shibuya, S. Hojo, S. Sawada, T. Okumura, T. Nagata, T. Fujii. *Department of Surgery and Science, Graduate School of Medicine and Pharmaceutical Sciences, University of Toyama, Toyama, Japan*

POSTERS | WEDNESDAY, NOVEMBER 6

PW-113

Characteristics of the Natural Course of Patients With Autoimmune Pancreatitis, IgG4-Related Disease Without Steroid Therapy

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PW-114

Stone Recurrence and Exocrine Function Preservation After Nonsurgical Treatment for Pancreatolithiasis

S. Yamamoto, K. Inui, Y. Katano, H. Miyoshi, T. Kobayashi, Y. Tachi, H. Matuura, Y. Torii, Y. Kurokawa, C. Hosokawa, Y. Yasue, T. Ooya, H. Tachino. *Department of Gastroenterology, Fujita Health University Bantane Hospital, Nagoya, Japan.*

PW-115

Pancreas Brunch-duct Dilation Could Suggest not Only Intraductal Papillary Mucin-producing Neoplasm (IPMN) but Also Carcinoma in Situ (CIS) – A Report of 4 Cases.

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PW-116

Surgical Outcome and Treatment Strategy of Pancreatic Neuroendocrine Tumors

S. Maruzen, H. Tajima, R. Gabata, H. Saito, M. Okazaki, Y. Obatake, H. Shinbashi, S. Nakanuma, I. Makino, H. Hayashi, K. Amaya, T. Miyashita, I. Ninomiya, S. Fushida, K. Shimizu, T. Ohta. *Gastroenterologic Surgery, Department of Oncology, Division of Cancer Medicine, Graduate School of Medical Science, Kanazawa University; Department of Surgery, Toyama Prefectural Central Hospital.*

PW-117

Mesopancreas and the Pancreatic Head Plexus --- From Morphological, Developmental and Clinical View ---

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PW-118

The Impact of WON to Cost of Medical Care in Severe Acute Pancreatitis Patients

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PW-119

Prognostic Factors and Walled-off Necrosis in Rising Medical Bills of Severe Acute Pancreatitis

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PW-120

Short-term Outcomes and Nutritional Status After Total Pancreatectomy.

T. Odagiri, K. Ishido, N. Kimura, H. Nagase, H. Fujita, K. Hakamada. *Department of Gastroenterological Surgery, Hirosaki University*

POSTERS | WEDNESDAY, NOVEMBER 6

PW-121

Study on the Risk Factors of Pancreatic Carcinoma of Individuals With a Family History of Pancreatic Carcinoma

T. Itoh, F. Kinoshita, N. Otsuka, J. Akao, K. Nagao, J. Tahara, Y. Takayama, K. Tokushige, K. Shimizu. *Department of Gastroenterology, Tokyo Women's Medical University, Japan, Tokyo*

PW-122

A Case of Recurrence in the Abdominal Wall After Distal Pancreatectomy for Pancreatic Cancer

T. Tanaka, H. Kurahara, K. Maemura, Y. Mataka, K. Tanoue, T. Idichi, H. Shinchi, S. Natsugoe. *Department of Digestive Surgery, Breast and Thyroid Surgery and Health Sciences, Kagoshima University, Kagoshima, Japan*

PW-123

Endoscopic Interventions Using Balloon-assisted Enteroscopy to Treat Postoperative Pancreatic Diseases Following Pancreaticoduodenectomy

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PW-124

Validation and Rethinking of the 2016 ISGPS Grading System of Postoperative Pancreatic Fistula (POPF) in 522 Consecutive Chinese Patients Who Underwent Open Pancreaticoduodenectomy

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PW-125

Mapping Ductal Dysplasia in Surgically Resected Pancreatic Specimens Containing Intraductal Papillary Mucinous Neoplasms

S. Majumder, R.P. Graham, E.H. Cheek, E.M. Reed, S.W. Slettedahl, W.R. Taylor, D.W. Mahoney, K.A. Doering, J.R. Arndt, M.L. Kendrick, S.P. Cleary, D.M. Nagorney, M.J. Truty, R.L. Smoot, M.J. Levy, M.D. Topazian, F.C. Gleeson, B.T. Petersen, R.K. Pearson, S. Swaroop Vege, S.T. Chari, L. Zhang, T.C. Smyrk, D.A. Ahlquist, J.B. Kiesel. *Mayo Clinic, Rochester, MN*

PW-126

Prospective Assessment of Weight Loss and Gastrointestinal Symptoms at 12 Months Following an Attack of Acute Pancreatitis (AP)

A.E. Phillips, K. Ooka, I. Pothoulakis, P. Paragomi, D. Harb, F. Koutroumpakis, P.J. Greer, G.I. Papachristou. *University of Pittsburgh School of Medicine (UPMC), Department of Medicine, Division of Gastroenterology, Hepatology, and Nutrition, Pittsburgh, PA; Global Medical Affairs, Abbvie Inc., Mettawa, IL.*

PW-127

Sensitivity and Specificity of Computerized Tomography Scan During Pre-Diagnostic Course of Pancreatic Ductal Adenocarcinoma: A Case-Control Study

D.P. Singh, A. Sharma, H. Kandlakunta, S. Garg, M.L. Wells, A.H. Goenka, S.P. Sheedy, N.J. Lee, J. Barlow, M.J. Levy, N. Takahashi, S.T. Chari. *Division of Gastroenterology and Hepatology, Mayo Clinic, Rochester, MN; Department of Radiology, Mayo Clinic, Rochester, MN*

PW-128

Novel Parameters of Pancreatic Neuroendocrine Tumor Assessment Using DOTATATE PET-CT SCAN

S. Gupta, S. Elhanafi, N.J. Patel, P.T. Hange, L. Chen, C.C. Stucky, M. Yang, R. Pannala. *Division of Gastroenterology and Hepatology, Department of Surgery, Department of Pathology and Laboratory Medicine, Department of Radiology, Mayo Clinic Arizona*

PW-129

Challenges of the Current Precision Medicine Approach for Pancreatic Cancer: a Single Institution Retrospective Analysis

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POSTERS | WEDNESDAY, NOVEMBER 6

PW-130

CREB Activation is Regulated by CXCL12 in Chronic Pancreatitis

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PW-132

The Clinical Course of Abdominal Pain in a Hispanic Cohort of Chronic Pancreatitis

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PW-133

Effect of Intraoperative Fluid Type on Postoperative Systemic Inflammatory Response and End-organ Dysfunction Following Total Pancreatectomy With Islet Autotransplantation in Children

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PW-134

Cannabis Use is Associated with Worse Outcomes in Acute Pancreatitis: Analysis of a Large Database

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PW-135

Outcomes of Acute Pancreatitis in Liver Transplant Patients. A Nationwide Readmission Database Analysis

C.R. Simons-Linares, M. Gad, A. Saad, T. Stevens, P. Chahal. *Gastroenterology and Hepatology Department, Digestive Disease and Surgery Institute, Cleveland Clinic, Cleveland, OH.*

PW-136

Clinical Outcomes of Acute Pancreatitis in Patients with Cirrhosis. 5-years Update of the National Readmission Database in the United States.

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PW-137

Systematic Review on Viral Hepatitis-Attributed Acute Pancreatitis.

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PW-138

Interplay Between Alcohol and UFAs in Causing Cell Injury Leading to the Development of Systemic Injury During Severe Acute Pancreatitis (SAP)

S. Kostenko, B. Khatua, C. de Oliveira, Stacie Vela, V.P. Singh. *Department of Medicine, Mayo Clinic, Scottsdale, AZ; Carl T. Hayden Medical Research Foundation, Phoenix, AZ.*

POSTERS | WEDNESDAY, NOVEMBER 6

PW-139

Digital Subtraction Guided Gastric Drainage of a Pancreatic Fistula for Disconnected Pancreatic Duct Syndrome After Acute Necrotizing and Traumatic Pancreatitis

W. Ren, S. Cai, *Hepatopancreatobiliary Department, PLA General Hospital, Beijing, China; Harvard Medical School, Boston, MA*

PW-140

Clinical Significance Of Surveillance-Detected Ductal Abnormalities In Individuals At High Risk For Pancreatic Cancer

O.I. Brewer Gutierrez, M.H. Dbouck, R.H. Hruban, M.G. Goggins, A.M. Lennon, M.I. Canto. *Departments of Pathology and Medicine, Johns Hopkins Hospital, Baltimore, MD*

PW-141

Cancer Worry, Overall Satisfaction, and Health Relation Quality of Life of High Risk Individuals (HRI) Operated for Surveillance-Detected Pancreatic Neoplasms

M.I. Canto, T. Kerdsichairat, M. Chuidian, A.M. Lennon, O. Brewer-Gutierrez, M. Dbouk, A. Almario, E.J. Shin, E. Fishman, I. Kamel, C. Wolfgang, R. Burkhart, J. He, R. Hruban, M. Goggins. *Departments of Medicine (Gastroenterology), Oncology, Surgery, Pathology, Radiology, The Sol Goldman Pancreatic Cancer Research Center, Johns Hopkins Medical Institutions, Baltimore, Maryland*

PW-142

The Obesity Paradox in Pancreatitis Explained by Triglyceride Saturation Making Lipolysis Energetically Unfavorable

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PW-143

Probability of Pancreatic Cancer in Patients With New-onset Advance Pre-diabetes: A Population-Based Study

S.J. Singh Nagpal, H. Kandlakunta, D. Singh, S. Garg, A. Sharma, S. Chari. *Gastroenterology and Hepatology Division, Mayo Clinic, Rochester*

PW-144

A Preoperative Risk Model for Early Recurrence After Radical Resection Facilitated the Initial Treatment Decisions for Patients With Pancreatic Ductal Adenocarcinoma

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PW-145

Mutations in the 5' Upstream Region of Chymotrypsinogen C Gene are not Associated With Chronic Pancreatitis

Balázs Csaba Németh, Réka Madarász, Adrienn Nagy, Máté Sándor, Tamás Takács, Gyula Farkas Jr., Ferenc Izbéki, László Czako, Richárd Szmola, Judit Gervain, Szilárd Gódi, Andrea Szentesi, Ákos Szücs, Miklós Sahin-Tóth, Péter Hegyi, *Hungarian Pancreatic Study Group First Department of Medicine, University of Szeged, Szeged, Hungary; Momentum Gastroenterology Multidisciplinary Research Group, Hungarian Academy of Sciences University of Szeged, Szeged, Hungary; Department of Surgery, University of Szeged, Szeged, Hungary; Szent György University Teaching Hospital of County Fejér, Székesfehérvár, Hungary; Department of Interventional Gastroenterology, National Institute of Oncology, Budapest, Hungary.*

PW-146

Analysis of Change in Size of Pancreatic Cystic Lesion Less Than 10 mm in Diameter

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POSTERS | WEDNESDAY, NOVEMBER 6

PW-147

Dachengqi Decoction Aqueous Extracts Alleviate the Severity of Experimental Acute Pancreatitis via Inhibition of Pancreatic Inflammatory Signaling Pathways

X. Ma, T. Jin, C. Han, N. Shi, Y. Wen, K. Jiang, T. Lan, L. Deng, T. Liu, Q.M. Nunes, M. Chvanov, D.N. Criddle, A.R. Philips, J.A. Windsor, R. Sutton,, D. Du,, W. Huang,, Q. Xia. *Department of Integrated Traditional Chinese and Western Medicine, Sichuan Provincial Pancreatitis Centre and West China-Liverpool Biomedical Research Centre, West China Hospital, Sichuan University, Chengdu, China; Department of Liver Surgery and Liver Transplantation, West China Hospital, Sichuan University, Chengdu, China; Livepool Pancreatitis Study Group, Royal Liverpool University Hospital and Institute of Translational Medicine, University of Liverpool, Liverpool, United Kingdom.*

PW-148

Classification of Cyst Type by Circulating Cell-free DNA as a Liquid Biopsy for Pancreatic Cystic Neoplasms

T. Hata, M. Mizuma, F. Motoi, M. Iseki, Y. Omori, S. Aoki, T. Takadate, K. Kawaguchi, T. Aoki, T. Morikawa, K. Nakagawa, H. Hayashi, T. Kamei, T. Naitoh, T. Furukawa, M. Unno. *Department of Surgery, Department of Investigative Pathology, Tohoku University Graduate School of Medicine, Japan.*

PW-149

Examination About The Relation Between Imaging Findings and Histological Grade Diagnosis for Pancreatic Neuroendocrine Neoplasm (Pan-NEN)

T. Hirano, M. Serikawa, Y. Ishii, T. Tsuboi, R. Kawamura, K. Tsushima, Y. Saitoh, T. Sekito, S. Nakamura, A. Fukiage, J. Ikemoto, Y. Kiyoshita, S. Saeki, Y. Tamura, K. Chayama. *Department of Gastroenterology and Metabolism, Hiroshima University Hospital, Hiroshima, Japan.*

PW-150

Transcriptome Sequencing Analysis to Uncover Long Non-coding RNAs Associated With Mitogen-activated Protein Kinase (MAPK) Pathway in Pancreatic Cancer

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PW-151

Development and Validation of New Nomogram for Predicting Clinically Relevant Postoperative Pancreatic Fistula After Pancreatoduodenectomy

X.T. Huang, C.S. Huang, W. Chen, J.P. Cai, T.T. Gan, J.H. Li, Q.C. Xu, L.J. Liang, X.Y. Yin. *Department of Pancreato-Biliary Surgery, The First Affiliated Hospital of Sun Yat-sen University, Guangzhou, China*

PW-152

Glutathione-scavenging Nanoplatform for Delivery of the Histone H3K9 Methyltransferase G9a Inhibitor Against Pancreatic Ductal Adenocarcinoma

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PW-153

IPMC With Disseminated Lung Metastases: A Case of Rare Metastatic Pattern

T. Takata, Y. Koyama, Y. Sawai, K. Takemura, K. Dainaka, K. Suwa, Y. Sogame, H. Yasuda, J. Sakagami, Y. Ito. *Department of Gastroenterology and Hepatology, Kyoto Prefectural University of Medicine, Kyoto, Japan.*

PW-154

Papuloerythroderma of Ofuji Associated With Pancreatic Cancer; Case Report

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POSTERS | WEDNESDAY, NOVEMBER 6

PW-155

Preoperative Detection of KRAS G12D Mutation in Cell-free Circulating Tumor DNA is a Powerful Predictor for Early Recurrence of Resectable Pancreatic Ductal Adenocarcinoma Patients

X.H. Shi, S.W. Guo, J. S, S.Z. Gao, H. Wang, B. Li, G. J. *Department of Hepatobiliary Pancreatic Surgery, Changhai Hospital, Navy Military Medical University (Second Military Medical University), Shanghai, China*

PW-156

Previous Biliary Pancreatitis Does Not Increase the Risk of Acute Alcohol Pancreatitis in a Long-term Follow-up

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PW-157

Network Pharmacology Analysis for Material Basis and Molecular Mechanisms of Chaiqin Chengqi Decoction in Treating Severe Acute Pancreatitis

J. Yang, T. Liu, G. Liang, N. Shi, T. Jin, L. Deng, L. Li, C. Han, Y. Wen, D.N. Criddle, R. Sutton, J.D. Tyndall, W. Huang, Q. Xia, D. Du. *Department of Integrated Traditional Chinese and Western Medicine, Sichuan Provincial Pancreatitis Centre and West China-Liverpool Biomedical Research Centre, West China Hospital, Sichuan University, Chengdu, China; West China-Washington Mitochondria and Metabolism Centre, West China Hospital, Sichuan University, Chengdu, China; Department of Cellular and Molecular Physiology, Institute of Translational Medicine, University of Liverpool, Liverpool, United Kingdom; Liverpool Pancreatitis Research Group, Royal Liverpool University Hospital and Institute of Translational Medicine, University of Liverpool, Liverpool, United Kingdom; National School of Pharmacy, University of Otago, Dunedin, New Zealand.*

PW-158

Usefulness of Continuous Glucose Monitoring for the Patients With Pancreatic Diabetes Mellitus.

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PW-159

Pancreatic Atrophy Does Not Correlate With Fibrosis in Patients Undergoing Total Pancreatectomy With Islet Autotransplantation for Acute Recurrent and Chronic Pancreatitis.

M. Faghih, M. Noe, R. Mannan, E. Afghani, A. Zaheer, I. Kamel, R. Kalyani, E. Hall, D. Warren, N. Desai, Z. Sun, C. Walsh, M. Makary, J. He, V.K. Singh. *Division of Gastroenterology, Pancreatitis Center, Department of Medicine; Sidney Kimmel Comprehensive Cancer Center, Department of Oncology, Johns Hopkins Medical Institutions, Baltimore, MD; Division of Gastrointestinal, Liver and Pancreatic Pathology, Department of Pathology, University of Pennsylvania, Perelman School of Medicine, Philadelphia PA; Division of Abdominal Imaging, Department of Radiology; Division of Endocrinology, Diabetes, & Metabolism, Department of Medicine; Division of Transplant Surgery and Division of Surgical Oncology Department of Surgery, Johns Hopkins Medical Institutions, Baltimore, MD*

PW-160

Molecular Pathways for Development of Multiple Subtypes of Intraductal Papillary Mucinous Neoplasm of the Pancreas

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POSTERS | WEDNESDAY, NOVEMBER 6

PW-161

Value of Super High-frequency Transducers and Superb Microvascular Imaging (SMI) for Pancreatic Surgery

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PW-162

Comprehensive Screening and Identification of Targets in Tumor Immune Micro-environment to Predict the Survival of Pancreatic Cancer Patients and to Improve the Chemotherapeutic Efficacy

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PW-163

Surgery for Distant Metastatic Pancreatic Cancer: a SEER Database Analysis and Systematic Literature Review

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PW-164

Pharmacokinetics of Nek2 siRNA in Peritoneal Dissemination of Pancreatic Cancer.

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PW-165

MRCP Findings in Early Chronic Pancreatitis Diagnosed According to the Japanese Diagnostic Criteria

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PW-166

A Case of Metastatic Pancreas Tumor With False Positive in Octreoscan

T. Tamae, T. Irei, Y. Tedokon, K. Iha, K. Miyagi, R. Ikemura, Y. Nakasone, H. Kawamoto, M. Eriguchi, M. Miyagi, M. Hayakawa, K. Shinzato, T. Abe. *Department of Surgery, Okinoerabu Tokusyukai Hospital, Kagoshima pref. Japan; Department of Surgery, Urasoe General hospital, Okinawa Pref. Japan; Department of Surgery, Chubu Tokusyukai Hospital, Okinawa Pref. Japan*

PW-167

Evaluation of the Prognostic Factors for Invasive Intraductal Papillary Mucinous Carcinoma and Compare of Outcome With Pancreatic Ductal Adenocarcinoma.

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PW-168

Clinical and Histological Features in Early Recurrent Cases After Pancreatectomy for Pancreatic Invasive Ductal Adenocarcinoma.

Y. Kyoden, N. Oba, H. Kanemoto, T. Yamaguchi, A. Takagi, T. Toda. *Department of Gastroenterological Surgery, Shizuoka general hospital, Japan.*

POSTERS | WEDNESDAY, NOVEMBER 6

PW-169

Covered Duodenal Metal Stents Prolong Biliary Stent Patency in Double Stenting

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PW-170

Necroptosis in Pancreatic Cancer Promotes Cancer Cell Migration and Invasion by Release of CXCL5

Y. Ando, K. Ohuchida, Y. Otsubo, A. Sagara, S. Kibe, S. Takesue, M. Nakayama, K. Shindo, T. Moriyama, K. Nakata, T. Ohtsuka, K. Mizumoto, M. Nakamura. *Department of Surgery and Oncology; Endoscopic Diagnostics and Therapeutics, Kyushu University, Fukuoka, Japan.*

PW-171

CD8 Cell Density in the Tumor Center Relates to Pancreatic Cancer Survival Differentially by the Abundance of CD8 Cell Infiltrates in the Tumor Margin

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PW-172

Impact of Neoadjuvant Chemotherapy with Gemcitabine Plus Nab-paclitaxel on the Treatment for Borderline Resectable Pancreatic Cancer

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PW-173

Pancreatic Head Semi-derotation Superior Mesenteric Artery First Approach in Laparoscopic Pancreatoduodenectomy for Carcinoma of the Pancreatic Head

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PW-174

Resveratrol Suppresses Pancreatic Cancer Malignancy via Modulating EGFR-LDLR Axis

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PW-175

Insulin Promotes the Invasion and Migration of Pancreatic Cancer Through the Epithelial-mesenchymal Transition Pathway

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PW-176

Intraductal Papillary Mucinous Neoplasm of Pyloric Gland Type – It Significantly Differs from Gastric Foveolar Type

Y. Fukumura, J. Nakahodo, Y. Maimaitiaili, S. Kishikawa, T. Fujisawa, H. Isayama, A. Saiura, M. Takase, T. Yao. *Department of Human Pathology, Gastroenterology, Hepatobiliary Pancreatic Surgery, Juntendo University, Tokyo, Japan; Department of Pathology of Koshigaya Municipal Hospital, Saitama, Japan.*

PW-177

A Novel Method of Uncinate Process Resection in Minimally Invasive Pancreaticoduodenectomy via Anterior “Vein-first” Combined With Right Posterior “Artery-first” Approach

R. Lin, F. Lu, X. Lin, Y. Yang, H. Fang, C. Wang, S. Wen, Y. Chen, H. Huang. *Department of General surgery, Fujian Medical University Union Hospital, Fuzhou, Fujian, China.*

POSTERS | WEDNESDAY, NOVEMBER 6

PW-178

Adipophilin Expression is an Indicator of Poor Prognosis in Patients With Pancreatic Ductal Adenocarcinoma: An Immunohistochemical Analysis

Y. Hashimoto, M. Ishida, H. Ryota, T. Yamamoto, H. Kosaka, S. Hirooka,
S. Yamaki, M. Kotsuka, Y. Matsui, H. Yanagimoto, K. Tsuta, S. Satoi. *Department of Surgery, Kansai Medical University, Osaka, Japan;
Department of Pathology and Clinical Laboratory, Kansai Medical University, Osaka, Japan.*

PW-179

The Epidemiology on the Differences of Etiological Compositions and Seasonal Incidence of Acute Pancreatitis Between Northern and Southern China: A Multi- center, Large-sample and Retrospective Study

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PW-180

Inhibition of Acinar Cell RIPK1-dependent Regulated Necrosis Provides Protection for Acute Pancreatitis via RIPK1/NF- κ B/AQP8 Pathway

G. Wang, P.Y. Duan, Y. Ma, X.N. Li, F.Z. Qu, L. Ji, X.Y. Guo, W.J. Zhang, F. Xiao, L. Li, J.S. Hu, B. Sun. *From the Department of Pancreatic and Biliary Surgery, The First Affiliated Hospital of Harbin Medical University, Harbin, Heilongjiang Province, China; From the Department of Medical Administration, The First Affiliated Hospital of Harbin Medical University, Harbin, Heilongjiang Province, China; From the Department of Department of Pharmacy, The First Affiliated Hospital of Harbin Medical University, Harbin, Heilongjiang Province, China*

PW-181

Laparoscopic Pancreaticoduodenectomy in Elderly Patients

Y. Liang, C.Y. Jiang, Z.W. Cai, P.F. Hu, H.W. Wang, W. Wang. *Department of Surgery, Huadong Hospital, Fudan University, Shanghai, China.*

PW-182

Establishment and Validation of an AJCC Stage- and Histologic Grade-based Nomogram for Pancreatic Neuroendocrine Tumors after Surgical Resection

C. Zhang, H. Zhuang, B. Hou, Z. Jian. *Department of General Surgery, Guangdong Provincial People's Hospital, Guangdong Academy of Medical Sciences, Guangzhou 510080, China.*

PW-183

A Simple Gene Signature for Predicting Overall Survival for Pancreatic Cancer

C. Zhang, H. Zhuang, B. Hou, Z. Jian. *Department of General Surgery, Guangdong Provincial People's Hospital, Guangdong Academy of Medical Sciences, Guangzhou 510080, China*

PW-184

Syntenin Promotes Pancreatic Cancer Metastasis by Preventing YAP1 Proteasome Degradation.

J. Liu, W. Bai, K. Zhao, T. Zhou, W. Jiang, B. Zhou, H. Wang, J. Hao. *Department of Pancreatic Cancer, Tianjin Medical University Cancer Institute and Hospital, National Clinical Research Center for Cancer, Key Laboratory of Cancer Prevention and Therapy, Tianjin, China. Department of Breast Oncoplastic Surgery, Tianjin Medical University Cancer Institute and Hospital, National Clinical Research Center for Cancer, Key Laboratory of Cancer Prevention and Therapy, Tianjin, Tianjin's Clinical Research Center for Cancer, Key Laboratory of Breast Cancer Prevention and Therapy, Tianjin Medical University, Ministry of Education, China.*

POSTERS | WEDNESDAY, NOVEMBER 6

PW-185

MiR-361-3p Regulates ERK1/2-induced EMT in an Ago2-Dependent Manner via DUSP2 mRNA Degradation in Pancreatic Ductal Adenocarcinoma

J.S. Hu, L. Li, H.Z. Chen, G.Q. Zhang, H. Liu, R. Kong, H. Chen, Y.W. Wang, Y.L. Li, F.Y. Tian, X.J. Lv, G.Q. Li, B. Sun. *Department of Pancreatic and Biliary Surgery, The First Affiliated Hospital of Harbin Medical University, 23 Youzheng Street, Nangang District, Harbin 150001, Heilongjiang Province, China.*

PW-186

UBL4A Inhibits Autophagy-Mediated Proliferation and Metastasis of Pancreatic Ductal Adenocarcinoma via Targeting LAMP1

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PW-187

Examination for Gastrointestinal Hemorrhage After Pancreatoduodenectomy

Y. Mataka. *Kagoshima University, Japan.*

PW-188

How Does Intestinal-type Intraductal Papillary Mucinous Neoplasm Emerge? CDX2 Plays a Critical Role in the Process of Intestinal Differentiation and Progression.

Y. Omori, Y. Ono, T. Kobayashi, F. Motoi, H. Karasaki, Y. Mizukami, N. Makino, Y. Ueno, M. Unno, T. Furukawa. *Department of Investigative Pathology, Tohoku University Graduate School of Medicine, Institute of Biomedical Research, Sapporo Higashi Tokushukai Hospital, Department of Medicine, Asahikawa Medical University, Department of 2 Internal Medicine, Yamagata University, School of Medicine, Department of Surgery, Tohoku University Graduate School of Medicine.*

PW-189

Effectiveness and Safety of Anticoagulation for the Prophylaxis of Splanchnic Thrombosis in Patients With Necrotizing Acute Pancreatitis

J. Zhou, W. Mao, L. Ke, Z. Tong, G. Li, B. Ye, W. Li. *Center of Severe Acute Pancreatitis (CSAP), Jinling Hospital, Medical School of Nanjing University, Nanjing, China*

PW-190

The Critical Role of Inflammasome Induced GSDMD-Dependent Pyroptosis for Acinar Cell Death in Acute Pancreatitis

L. Gao, W. Huang, J. Xue, L. Ke, X. Gao, Z. Tong, G. Lu, W. Li. *Center of Severe Acute Pancreatitis (CSAP), Jinling Hospital, Medical School of Nanjing University, Nanjing, China; Department of Integrated Traditional Chinese and Western Medicine, West China Hospital/West China Medical School, Sichuan University, Chengdu, China; State Key Laboratory of Oncogenes and Related Genes, Stem Cell Research Center, Ren Ji Hospital, School of Medicine, Shanghai Jiao Tong University, Shanghai, China; Department of Hepatopancreatobiliary Surgery, Nanjing Drum Tower Hospital, The Affiliated Hospital of Nanjing University, Nanjing, China.*

PW-191

Compared the Efficacy of Nab-paclitaxel Plus S-1 With Gemcitabine-based Chemotherapy as First-line Strategy for Advanced Pancreatic Cancer

G.C. Deng, S.S. Guan, H. Yan, Q.L. Han, L. Yao, D.C. Sun, G.H. Dai. *Department of the General Hospital of the People's Liberation Army.*

PW-192

Single Step vs. Step-up Laparoscopic Assisted Necrosectomy for Infected Pancreatic Necrosis

F. Cao, N. Duan, C. Gao, A. Li, F. Li. *General Surgery Department, Xuanwu Hospital, Capital Medical University, Beijing, China.*

POSTERS | WEDNESDAY, NOVEMBER 6

PW-193

Capturing Pancreatic Tumor-derived Mutations From Fine Needle Aspiration Using Digital PCR

Y. Ono, A. Hayashi, R. Wada, M. Suzuki, C. Maeda, T. Okada, H. Sato, H. Kawabata, T. Goto, H. Karasaki, Y. Mizukami, T. Okumura. *Institute of Biomedical Research, Sapporo Higashi Tokushukai Hospital, Sapporo, Japan; Department of Medicine, Asahikawa Medical University, Asahikawa, Japan.*

PW-194

Recent Perioperative Outcomes After Total Pancreatectomy

Y. Watanabe, T. Ohtsuka, K. Hirota, K. Oyama, Y. Mori, N. Ikenaga, K. Nakata, M. Nakamura. *Department of Surgery and Oncology, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan*

PW-195

Surgical Outcome for Pancreatic Metastasis From Renal Cell Cancer

Y. Matsunaga, R. Higuchi, T. Yazawa, S. Uemura, W. Izumo, J. Akao, M. Shiihara, E. Nagano, M. Yamamoto. *Department of Surgery, Institute of Gastroenterology, Tokyo Women's Medical University, Shinjuku, JP; Department of Internal Medicine, Institute of Gastroenterology, Tokyo Women's Medical University, Shinjuku, JP.*

PW-196

Analysis of Resected Cases of Pancreatic Neuroendocrine Neoplasm in our Department

Y. Mitsuhashi, K. Ishido, N. Kimura, H. Nagase, T. Odagiri, H. Fujita, K. Hakamada. *Department of Gastroenterological Surgery, Hirosaki University Graduate School of Medicine.*

PW-197

Explore the Childhood Onset Pancreatitis With the Support of APPLE (Analysis of Pediatric Pancreatitis) Multicenter, Observational, Clinical Trial

A. Párnitzky, B.C. Németh, D. Mosztbacher, A.Z. Tóth, N. Lásztity, M. Abu-El-Haija, A. Demcsák, A. Szentesi, C. Pienar, I. Tokodi, I. Vass, O. Kadenczki, J. Czelecz, C. Andorka, K. Kaán, E. Horváth, F.M. Juhász, G. Veres, I. Guthy, E. Tomsits, L. Gárdos, V. Ila, E. Horváth, P. Hegyi. *Heim Pál National Institute of Pediatrics, Budapest, Hungary; Institute for Translational Medicine, Medical School, University of Pécs, Pécs, Hungary; First Department of Medicine, University of Szeged, Szeged, Hungary; First Department of Pediatrics, Semmelweis University, Budapest, Hungary; Department of Pediatrics, University of Szeged, Szeged, Hungary; Department of Pediatrics, St. János's Hospital and North Buda Unified Hospitals, Budapest, Hungary; Cincinnati Children's Hospital Medical Center, Division of Gastroenterology, Hepatology and Nutrition, Cincinnati, USA; Pediatrics Department, "Victor Babes" University of Medicine and Pharmacy, Timisoara, Romania; Department of Pediatrics, St. George Teaching Hospital of County Fejér, Székesfehérvár, Hungary;*

PW-198

The Usefulness of Non-flared Short Fully Covered Metallic Stent for Refractory Benign Pancreatic Strictures in Advanced Chronic Pancreatitis

Jong Ho Moon, M.D., Ph.D., Yun Nah Lee, M.D., Ph.D., Jae Keun Park, M.D., Ph.D., Seok Jung Jo, M.D., Tae Hoon Lee, M.D., Ph.D., Sang-Woo Cha, M.D., Ph.D., Young Deok Cho, M.D., Ph.D., Sang Heum Park, M.D., Ph.D. *Digestive Disease Center and Research Institute, Department of Internal Medicine, SoonChunHyang University School of Medicine, Bucheon and Seoul, Korea*

PW-199

Comparison of the Prognostic Impact and Combination of Preoperative Inflammation-Based and/or Nutritional Markers and 18F-FDG-PETCT-derived Markers of Tumor Metabolism in Patients with Pancreatic Cancer

S.H. Dong, C.H. Oh, H.W. Lee, Y.S. Lee. *Department of Internal Medicine, Kyung-Hee University College of Medicine, Seoul, Korea*

POSTERS | THURSDAY, NOVEMBER 7

POSTERS OF DISTINCTION (PT-1 – PT-23)

PT-1

Pirfenidone Treatment Reduces Severity of Acute Pancreatitis in Mouse Models by Reducing Immune Infiltration and Protecting Pancreatic Acinar Cells.

E. Palathingal Bava, J. George, M. Tarique, S. Iyer, R. Dawra, A. Saluja, V. Dudeja. *Department of Surgery, University of Miami Miller School of Medicine, Miami, Florida, USA;*

PT-2

RB1CC1-enhanced Autophagy Facilitates PSCs Activation and Pancreatic Fibrogenesis in Chronic Pancreatitis

L. Li, G. Wang, J. Hu, G. Zhang, H.Z. Chen, Y. Yuan, Y.L. Li, X.J. Lv, F.Y. Tian, S. Ha, X.W. Bai, B. Sun. *Department of Pancreatic and Biliary Surgery, The First Affiliated Hospital of Harbin Medical University, Harbin, Heilongjiang, China; Department of Cardiology, The First Affiliated Hospital of Harbin Medical University, Harbin, Heilongjiang, China; Key Laboratory of Hepatosplenic Surgery, Ministry of Education, Harbin, Heilongjiang, China.*

PT-3

pH Homeostasis as a Novel Therapeutic Target in Pancreatic Cancer

K. Galenkamp, M. Jung, C. Commisso. *Tumor Initiation and Maintenance Program, NCI-Designated Cancer Center, Sanford Burnham Prebys Medical Discovery Institute, La Jolla, CA.*

PT-4

Lipophilic Statins Inhibit YAP Activity and Attenuate Early Neoplastic Progression Promoted by Diet-induced Obesity in the Conditional KrasG12D Mouse Model

H. Chang, F. Hao, J. Sinnett-Smith, O.J. Hines, E. Rozengurt, G. Eibl. *Department of Surgery and Medicine, David Geffen School of Medicine at UCLA, Los Angeles, CA*

PT-5

Diffusion-weighted MRI for Preoperative Prediction of Histologic Response in Patients With Pancreatic Cancer

K. Okada, M. Kawai, S. Hirono, F. Kojima, K. Tanioka, M. Terada, M. Miyazawa, Y. Kitahata, Y. Iwahashi, M. Ueno, S. Hayami, S. Murata, T. Shimokawa, H. Yamaue. *Second Department of Surgery, Wakayama Medical University; Department of Human Pathology, Wakayama Medical University; Clinical Study Support Center, Wakayama Medical University, Wakayama, 641-8510, Japan; Wakayama Minami Radiology Clinic, Wakayama, 641-0012, Japan.*

PT-6

Diabetes Mellitus is Associated With Unfavorable Pathologic Features, Increased Postoperative Mortality, and Worse Long-term Survival in Resected Pancreatic Cancer

T. Hank, M. Sandini, M. Qadan, M. Weniger, D. Ciprani, A. Li, C.R. Ferrone, A.L. Warshaw, K.D. Lillemoe, C. Fernández-del Castillo. *Department of Surgery, Massachusetts General Hospital and Harvard Medical School, Boston, MA.*

PT-7

Clinical Validation of the 2017 International Consensus Guidelines on Intraductal Papillary Mucinous Neoplasm of the Pancreas

E.J. Kim, J.S. Kang, T. Park, Y. Han, S. Lee, H. Lim, H. Kim, S. Choi, W. Kwon, J-Y Jang. *Department of Surgery and Cancer Research Institute, Seoul National University College of Medicine, Seoul, Korea; Department of Statistics and Interdisciplinary Program in Biostatistics, Seoul National University, Korea; Department of Mathematics and Statistics, Sejong University, Seoul, Korea*

POSTERS | THURSDAY, NOVEMBER 7

PT-8

Mild Chronic Pancreatitis Caused by Persistent Endoplasmic Reticulum Stress in AT-1 KO Mice Progresses to Severe Disease with Acute Pancreatitis Induction

M. M. Cooley, D.D.H. Thomas, K. Deans, Y. Peng, A. Lugea, S. Pandol, L. Puglielli, G. E. Groblewski. *Department of Nutritional Sciences, University of Wisconsin – Madison, Madison, WI, United States; Department of Medicine, University of Wisconsin – Madison, Madison, WI, United States; Pancreatic Research Group, Department of Medicine, Cedars-Sinai Medical Center, Los Angeles, CA, United States.*

PT-9

Impact of Klebsiella Pneumoniae and Quinolones on Survival of Patients Treated With Gemcitabine for Pancreatic Cancer

M. Weniger, T. Hank, M. Qadan, D. Ciprani, H. Niess, C. Heiliger, M. Ilmer, J.G. D’Haese, C.R. Ferrone, A.L. Warshaw, K.D. Lillemoe, J. Werner, A. Liss, C. Fernández-del Castillo *Department of Surgery, Massachusetts General Hospital and Harvard Medical School, Boston, Massachusetts; Department of General, Visceral and Transplantation Surgery, Ludwig-Maximilians-University, Munich, Germany*

PT-10

A Clinically Feasible Method for Assessment and Characterization of Pain in Chronic Pancreatitis

A.E. Phillips, M. Faghiih, L.K. Frandsen, I.M. Larsen, A.M. Drewes, V.K. Singh, D. Yadav, S.S. Olesen. *University of Pittsburgh School of Medicine, Department of Medicine, Division of Gastroenterology, Hepatology, and Nutrition, Pittsburgh, PA; Johns Hopkins University School of Medicine, Division of Gastroenterology and Hepatology, Department of Medicine, Baltimore, MD; Centre for Pancreatic Diseases and Mech-Sense, Department of Gastroenterology and Hepatology, Aalborg University Hospital, Aalborg, Denmark*

PT-11

Usefulness of Contrast-enhanced Harmonic Endoscopic Ultrasonography and Carcinoembryonic Antigen Level in Pancreatic Juice for Prediction of Malignant Intraductal Papillary Mucinous Neoplasm

Y. Kawaji, S. Hirono, J. Nuta, T. Tamura, K. Hatamaru, Y. Yamashita, M. Itonaga and M. Kitano. *Second Department of Internal Medicine and Second Department of Surgery, Wakayama Medical University, Wakayama, Japan.*

PT-12

Changes in Enteroendocrine Hormones After Total Pancreatectomy With Islet Autotransplantation.

K.R. McEachron, G.J. Beilman, T.L. Pruett, V.A. Kirchner, M.L. Freeman, G. Trikudanathan, K.E. Mulier, P. Ptacek, M.D. Bellin. *Department of Surgery, University of Minnesota Medical School, Minneapolis, MN; Department of Medicine, Division of Gastroenterology, University of Minnesota Medical School, Minneapolis, MN; Schulze Diabetes Institute, University of Minnesota Medical School, Minneapolis, MN; Department of Pediatrics, Division of Endocrinology, University of Minnesota Medical School, Minneapolis, MN*

PT-13

Targeted demethylation of the lncRNA DEANR1 promotor inhibits progression of Pancreatic Adenocarcinoma

S. Liu, H. Wang. *Institute of Hepatopancreatobiliary Surgery, Chongqing General Hospital, University of Chinese Academy of Sciences*

PT-14

When Should we Operate on Pancreatic Cysts Detected in High Risk Individuals (HRI)? Validating Proposed Criteria for Resection Using International Consensus Guidelines (ICG) and International Cancer of the Pancreas Screening (CAPS) Consortium Statements

M.H. Dbouk, O.I. Brewer Gutierrez, M. Goggins, A.M. Lennon, R. Hruban, M.I. Canto. *Departments of Pathology and Medicine (Gastroenterology), Johns Hopkins Hospital, Baltimore, MD*

POSTERS | THURSDAY, NOVEMBER 7

PT-15

Endosonographic Changes in Asymptomatic Subjects With Diabetes Mellitus Mimic Those Seen in Chronic Pancreatitis: A Case-Control Study

J. de la Fuente, M.J. Levy, W.R. Bamlet, H. Kandlakunta, N. Takahashi, J.G. Fletcher, S.T. Chari, S. Majumder. *Departments of Internal Medicine, Gastroenterology and Hepatology, Health Sciences Research, and Diagnostic Radiology; Mayo Clinic, Rochester, MN*

PT-16

Immunohistochemical Studies of KRas-G12D Mice Targeted to de Novo Expressed Proteins Discovered by Proteomic Analysis in High Fat, High Calorie Diet-Induced Pancreatic Ductal Adenocarcinoma

R.T. Waldron, H-H. Chang, M.S. Lewis, A. Lugea, G. Eibl, and S.J. Pandol. *Department of Medicine, Cedars-Sinai Medical Center, Los Angeles, CA; Veterans Administration Greater Los Angeles Healthcare System, Los Angeles, CA; Department of Medicine, UCLA, Los Angeles, CA; Department of Surgery, UCLA, Los Angeles, CA*

PT-17

The Impact of Treatment Effect on Survival is Different in Patients With Pancreatic Cancer who Receive Neoadjuvant Chemotherapy vs. Chemoradiotherapy

S. Maeda, A. Chawla, L. Yin, R.A. Burkhart, W.R. Burns, J. He, J.L. Cameron, E.J. Park, M.D. Girgis, Z.A. Wainberg, O.J. Hines, C.F. Castillo, M. Qadan, K.D. Lillemoe, C.R. Ferrone, C.L. Wolfgang, J. Yu, T.R. Donahue. *Department of Surgery, The Johns Hopkins University School of Medicine, Baltimore, MD; Department of Surgery and Division of Hematology/Oncology, David Geffen School of Medicine at UCLA, Los Angeles, CA; Department of Surgery, Massachusetts General Hospital, Boston, MA.*

PT-18

The Effect of Hepatocyte Growth Factor Supplement to Type 1 Diabetes Treatment

S.Y. Yang, K.C. Yang, S. Sumi. *Department of Organ Reconstruction, Institute for Frontier Medical Sciences, Kyoto University, Kyoto, Japan*

PT-19

Diabetes Medications and Risk of Pancreatic Cancer

C.Y. Jeon, S. Pandol, Y. Lin, S. Kim, J. Benhammou, J. Pisegna. *Cedars-Sinai Medical Center, Los Angeles, CA; VA Greater Los Angeles Healthcare System, Los Angeles, CA; University of California Los Angeles, Los Angeles, CA*

PT-20

Tumor-specific T Cells Reprogram Mononuclear Phagocytes for Destruction of Checkpoint Blockade Resistant Pancreatic Cancer

K. Roehle, D. Heid, K. Ventre, L. R. Ali, P. Lenehan, M. Heckler, S. J. Crowley, C. Stump, A. Godicelj, A. Yang, T. Biary, P.T. Bruck, J. Tegetoff, S. Nopper, B.Z. Stanger, J. Mancias, J. Agudo, M. Dougan, S.K. Dougan. *Department of Cancer Immunology and Virology, Dana-Farber Cancer Institute, Boston, MA; Department of Radiation Oncology, Dana-Farber Cancer Institute, Boston, MA; Department of Medicine, University of Pennsylvania Perelman School of Medicine, Philadelphia PA; Department of Medicine, Massachusetts General Hospital, Boston, MA*

PT-21

External Validation of Nomograms to Predict Malignancy and Invasiveness Risk in Patients With Intraductal Papillary Mucinous Neoplasms, Using Eastern and Western Cohorts

W. Jung, T. Park, Y. Kim, H. Park, Y. Han, J. He, C.L. Wolfgang, Al. Blair, M. Farzan Rashid, M.D. Kluger, G.H. Su, J.A. Chabot, C. Yang, W. Lou, Roberto Valente, M. Del Chiaro, Y. Shyr, S. Wang, N.C.M. van Huijgevoort, M.G. Besselink, Y. Yang, H. Kim, W. Kwon, S. Kim, J. Jang. *Department of Surgery and Cancer Research Institute, Seoul National University College of Medicine, Seoul, Korea*

POSTERS | THURSDAY, NOVEMBER 7

PT-22

A Novel Subset of Innate-like Memory T-cells Enhances CAR T-cell Function Against Pancreatic Ductal Adenocarcinoma

V. Konduri, T. Byrd, S. Joesph, M.M. Halpert, Y. Baig, J. Vasquez-Perez, D. Oyewole-Said, B. Burns, N. Ahmed, Q.C. Yao, J.M. Levitt, M. Hegde, W.K. Decker. *Department of Pathology & Immunology, Center for Cell and Gene Therapy, Department of Pediatrics - Division of Hematology & Oncology, Dan L. Duncan Comprehensive Cancer Center, Michael E. DeBakey Department of Surgery, Scott Department of Urology, Baylor College of Medicine, Houston, TX.*

PT-23

The Impact of Chronic Pancreatitis on the Composition of Gut Microbiome in Mouse Model

J. Tao, H. Cheema, M. Tarique, S. Iyer, R. Dawra, S. Roy, V. Dudeja, A. Saluja. *Department of Surgery, University of Miami Miller School of Medicine, Miami, FL, USA*

PT-24

Disruption of Argonaute2 in Pancreatic Cancer Mouse Models Reveals its Essential Role in Oncogene-Induced Senescence

S. Chugh, J.C. Tien, V.L. Dommeti, S.Z. Wang, R.F. Siebenaler, K.M. Juckette, S. Eyunni, L. Wang, J. Shi, C.K. Sinha, S. Shankar, A.M. Chinnaiyan. *Michigan Center for Translational Pathology, University of Michigan; Ann Arbor, Michigan 48109, USA; Department of Pathology, University of Michigan, Ann Arbor, Michigan 48109, USA; Howard Hughes Medical Institute, University of Michigan, Ann Arbor, Michigan 48109, USA; Department of Urology, University of Michigan, Ann Arbor, Michigan 48109, USA; Rogel Cancer Center, University of Michigan, Ann Arbor, Michigan 48109, USA.*

PT-25

Microscopically Three-dimensional Reconstruction of Pathological Section Reveals Special Tumor Microenvironment in Pancreatic Ductal Adenocarcinoma

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PT-26

Alteration of Gut Microbiome and its Influence in Tumor Microenvironment During the Initiation and Progression of Pancreatic Cancer

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PT-27

Pancreatic Cancer: Assessment of Neoadjuvant Chemotherapy Outcome based on Radiomics of Pretreatment Computed Tomography

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PT-28

Serotonin-producing Neuroendocrine Tumor of the Pancreas Associated With Pancreatic Duct Obstruction: Three Cases

A. Kanki, H. Sotozono, K. Yasokawa, K. Maeba, A. Yamamoto, T. Tamada. *Department of Radiology, Kawasaki Medical School.*

POSTERS | THURSDAY, NOVEMBER 7

PT-29

Laparoscopic Surgery for Chronic Pancreatitis

T. Tsukamoto, C. Nobori, T. Nishiyama, T. Lee, R. Kaizaki, T. Inoue, Y. Nishiguchi. *Department of Surgery, Osaka City Juso Hospital, Osaka, Japan.*

PT-30

Serum Proteomics Reveals Inflammation- and Lipid Metabolism-related Proteins Whose Levels Differ Between Pancreatic Ductal Adenocarcinoma Patients With Short or Long Survival

M. Holm, M. Saraswat, S. Joenväärä, H. Seppänen, R. Renkonen, C. Haglund. *Departments of Surgery and Pathology, University of Helsinki and Helsinki University Hospital, Helsinki, Finland; Translational Cancer Medicine Research Program, Faculty of Medicine, University of Helsinki, Helsinki, Finland; Applied Tumor Genomics Research Program, Faculty of Medicine, University of Helsinki, Helsinki, Finland; Transplantation Laboratory, Haartman Institute, University of Helsinki, Helsinki, Finland; HUSLAB, Helsinki University Hospital, Helsinki, Finland; Department of Laboratory Medicine and Pathology, Mayo Clinic, Rochester, Minnesota, USA.*

PT-31

Clinical Impact of Conversion Surgery for Patients With Initially Unresectable Pancreatic Cancer

C. Takishita, Y. Nagakawa, Y. Hijikata, H. Osakabe, Y. Kiya, M. Akashi, H. Nishino, Y. Hosokawwa, Y. Sahara, T. Shiota, T. Nakajima, K. Katsumata, A. Tsuchida. *Department of Gastrointestinal and Pediatric Surgery, Tokyo Medical University, Tokyo, Japan.*

PT-32

Laparoscopic Liver resection for Liver Metastasis From Unresectable Pancreatic Ductal Adenocarcinoma Well Controlled by Chemotherapy: A Case Report

C. Nobori, T. Tsukamoto, T. Nishiyama, T. Lee, R. Kaizaki, T. Inoue, Y. Nishiguchi. *Department of Surgery, Osaka City Juso Hospital, Osaka Japan.*

PT-33

Residual Total Pancreatectomy for Pancreatic Cancer Arising from the Remnant Pancreas after Pancreatectomy: Operative Outcome and Genetic Mutation Analysis

D. Hashimoto, T. Okawa, F. Matsumura, Y. Shibata. *Department of Gastroenterological Surgery, Omuta Tenryo Hospital, Omuta, Japan*

PT-34

Accuracy of Blood Culture to Diagnose Multidrug-Resistant Organisms in Patients with Infected WON

D. Hira, Y. Tsuji, M. Ueno, K. Morimoto, Y. Kiyosuke, E. Ishida, M. Mizuno. *Department of Gastroenterology and Hepatology, Kurashiki Central Hospital, Kurashiki, Japan, MD; Office of Institutional Research, Shiga University of Medical Science, Otsu, Japan, PhD; Department of Gastroenterology and Hepatology, Kurashiki Central Hospital, Kurashiki, Japan, PhD.*

PT-35

Nutritional Status Assessment Using Bioelectrical Impedance Vector Analysis (BIVA) and Body Mass Index in Chronic Pancreatitis After Introduction of an Individualized Nutritional Therapy.

P. Estrada-Arzate, C. De Luna-Fregoso, P. Alarcon-Murra, A. Soriano-Ríos, M. Peláez-Luna, L. Uscanga Domínguez, J. Hernández-Calleros. *Department of Gastroenterology, Instituto Nacional de Ciencias Médicas y Nutrición Salvador Zubirán, Mexico City, Mexico and Research división, Department of Experimental Medicine, Universidad Autónoma de México, Mexico City, Mexico.*

POSTERS | THURSDAY, NOVEMBER 7

PT-36

Total Pancreatectomy With Islet-Auto Cell Transplant (TPIAT) in Pediatric Patients: Outcomes Improve With Patient and Family-Centered Education

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PT-37

Sarcopenia as a Surrogate Method of Nutritional Assessment in Patients With Chronic Pancreatitis (CP). Comparison With Body Mass Index (BMI) and Bioelectrical Impedance Vector Analysis (BIVA).

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PT-38

Collagen XVII Promotes Tumor Growth in Pancreatic Ductal Adenocarcinoma

A. Li, T. Hank, K.C. Honselmann, M. Mino-Kenudson, M. Sandini, D. Birnbaum, S.K.S. Begg, K.D. Lillemoe, A.L. Warshaw, C. Fernández-del Castillo, A.S. Liss. *Departments of Surgery and Pathology, Massachusetts General Hospital and Harvard Medical School, Boston, MA.*

PT-39

Insulin and Opioid Independence in Children and Adolescents One Year After Total Pancreatectomy With Islet Cell Auto-Transplant (TPIAT)

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PT-40

Improving Health Outcomes in Pancreatic Cancer using Animated Pancreas Patient (APP) Visual Formats of Learning. A National Pancreas Foundation (NPF) Patient Education Initiative.

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PT-41

Activation of Pancreatic Stellate Cells and Progression of Fibrosis in Experimental Models of Early Chronic Pancreatitis

K. Priyam, M. K. Sharma, S. Argrawal, P.K. Garg, T. S. Roy, T. G. Jacob. *Department of Anatomy and Gastroenterology; All India Institute of Medical Sciences, New Delhi.*

PT-42

Examination About the Influence That Drainage Tube Trouble for Obstructive Jaundice Gives Before Operation and After Operation

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PT-43

Comparison and Outcomes of Cannabis Users With Acute Pancreatitis (AP) According to Severity Using the Revised Atlanta Classification of AP

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POSTERS | THURSDAY, NOVEMBER 7

PT-44

Outcomes of Acute Necrotizing Pancreatitis and Associated Fluid Collections in Cannabis Users

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PT-45

Relationship Between Drain Fluid Culture and Clinically Relevant Post-Operative Pancreatic Fistula After Pancreatectomy

H. Osakabe, Y. Nagakawa, C. Takishita, Y. Hijikata, Y. Kiya, M. Akashi, H. Nishino, T. Nakajima, T. Shiota, Y. Sahara, Y. Hosokawa, K. Katsumata, A. Tsuchida, *Department of Gastrointestinal and Pediatric Surgery, Tokyo Medical University, Tokyo, Japan*

PT-46

Adipose Tissue Eosinophils in Pancreatic Cancer-Associated Cachexia

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PT-47

CRISPR Screen Identifies *DUSP1* and *DUSP2* as Regulators of Gemcitabine Response in Pancreatic Carcinoma Cell Lines.

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PT-48

Medical Traumatic Stress in Pediatric Patients With Chronic Pancreatitis

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PT-49

Simultaneous Upregulation of Heat Shock Protein 70, 90: Potential Targets Against Acute Pancreatitis and Pancreatic Ductal Adenocarcinoma

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PT-50

Morbid Obesity Rather than Metabolic Syndrome Impacts Clinical Outcomes of Acute Pancreatitis: A National Survey

A.M. Blaszczyk, S.G. Krishna, D.L. Conwell, P.A. Hart, D. Bradley, L. Lara, H. Hussan, A. Hinton, W.A. Hsueh, Z. Cruz-Monserrate. *Diabetes and Metabolism Research Center, Division of Endocrinology, Diabetes & Metabolism, Department of Internal Medicine, The Ohio State University Wexner Medical Center, Columbus, OH; Division of Gastroenterology, Hepatology, and Nutrition, The Ohio State University Wexner Medical Center, Columbus, OH; The Comprehensive Cancer Center—Arthur G. James Cancer Hospital and Richard J. Solove Research Institute, The Ohio State University, Columbus, OH; Division of Biostatistics, College of Public Health, The Ohio State University Wexner Medical Center, Columbus, OH.*

POSTERS | THURSDAY, NOVEMBER 7

PT-51

Tanshinone IIA Protects Acute Pancreatitis in Mice via Inhibition of Oxidative Stress and Modulation of the ROS/Nrf2 Pathway

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PT-52

Myocyte Enhancer Factor 2C Mediated Carcinoma-associated Fibroblast Activation Remodels Tumor Microenvironment and Promotes Pancreatic Cancer Progression

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PT-53

Salinomycin and its Binding Proteins as Novel Rational Therapeutic Targets in Pancreatic Cancer

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PT-54

High Coagulation Activity Indicates Worse Outcome in Pancreatic Ductal Adenocarcinoma

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PT-55

Quality of Life and Pancreatic Exocrine and Endocrine Function in the Long-term Follow-up After Pancreaticoduodenectomy

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PT-56

IL6 Inhibition via LMT-28 in Mice With Caerulein-induced Pancreatitis Increased Dclk1 Lineage Expression, Decreased Dclk1, Arginase and CD4/CD8 T-cell Activity and Accelerated Recovery.

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POSTERS | THURSDAY, NOVEMBER 7

PT-57

Endoscopic Ultrasound Guided Pancreatic Duct Intervention and Pancreaticogastrostomy Using a Novel Cross-platform Technique With Small Caliber Devices

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PT-58

An Elevated Serum CA 19-9 is Associated With Invasive Cancer in IPMN and Worse Survival

D. Ciprani, V. Morales-Oyarvide, M. Qadan, T. Hank, M. Weniger, C.R. Ferrone, K.D. Lillemoe, A.L. Warshaw, C. Fernández-del Castillo. *Department of Surgery, Massachusetts General Hospital and Harvard Medical School, Boston, MA.*

PT-59

Peritumoral Lymph Nodes in Pancreatic Cancer Revisited: Is it Truly Metastatic?

Y. Byun, Y. Han, E.J. Kim, Y.J. Choi, H. Kim, J-Y. Jang, W. Kwon. *Division of Pancreatobiliary Surgery, Department of Surgery, Seoul National University Hospital, Republic of Korea.*

PT-60

Effects of Gallstones or Cholecystectomy on the Pancreatic Cancer Risk and Prognosis: a Population-Based Cohort Study

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PT-61

Feasibility and Efficacy of a Novel Needle in Endoscopic Ultrasound-guided Tissue Sampling for Pancreatic Solid Lesions: A Prospective Randomized Comparative Study

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PT-62

Adjuvant Gemcitabine Versus 5-Fluorouracil/Folinic Acid Based on hENT1 Immunostaining in Curative Resected Pancreatic Adenocarcinoma: a Biomarker Stratified Trial

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PT-63

Clinicopathological and Immunological Features of Follicular Pancreatitis—a Distinct Disease Entity Characterized by Th17 Activation

H. Ryota, M. Ishida, S. Satoi, T. Yamamoto, H. Kosaka, S. Hirooka, S. Yamaki, M. Kotsuka, Y. Matsui, T. Ikeura, K. Uchida, M. Takaoka, K. Okazaki, K. Tsuta. *Department of Surgery, Kansai Medical University, Osaka, Japan; Department of Pathology and Laboratory Medicine, Kansai Medical University, Osaka, Japan; Department of Internal Medicine 3, Kansai Medical University, Osaka, Japan.*

PT-64

Development of Malignancies in Cases with Autoimmune Pancreatitis

H. Matsubayashi, K. Sasaki, H. Ishiwatari, J. Kaneko, J. Sato, T. Satoh, K. Takizawa, N. Kakushima, N. Kawata, M. Yoshida, Y. Yabuuchi, K. Hotta, K. Imai, S. Ito, Y. Kishida, H. Ono. *Division of Endoscopy and Pathology, Shizuoka Cancer Center, Japan*

POSTERS | THURSDAY, NOVEMBER 7

PT-65

Risk of Malignancy for Worrisome Features in Intraductal Papillary Mucinous Neoplasm: A Meta-analysis

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PT-66

Clinical Biomarkers in Vascular Leak Syndrome and Hypovolemia in Acute Pancreatitis

N.L. Komara, P. Paragomi, P.J. Greer, A. Wilson, G.I. Papachristou, D.C. Whitcomb. *Division of Gastroenterology, Hepatology and Nutrition, Department of Medicine, University of Pittsburgh, Pittsburgh, PA*

PT-67

Clinical Outcomes of the Borderline Resectable Pancreatic Cancer According to the Neoadjuvant Chemo-Regimens: Gemcitabine vs. FOLFIRINOX

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PT-68

Na⁺/H⁺ Exchangers (NHEs) Expression of Pancreatic Head Cancer and Involvement in Prognosis

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PT-69

Clinical Utility of Serum IgG Subclass for the Differentiation of IgG4-related Sclerosing Cholangitis From Primary Sclerosing Cholangitis and Cholangiocarcinoma

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PT-70

Revised Definition of New Onset of Diabetes: Impact on Patient Identification and Risk of Pancreatic Cancer

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PT-71

EUS-guided Pancreatic Duct Intervention: Technical Outcomes at a Single Tertiary Care Center

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PT-72

DCLK1 Polarized M2 Macrophages Inhibit CD8⁺ T cell Activity

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POSTERS | THURSDAY, NOVEMBER 7

PT-73

Plasma suPAR in Diagnostics Between Malignant and Benign Pancreatic Masses.

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PT-74

Cell-intrinsic PD-1 Promotes Proliferation in Pancreatic Cancer Targeting CYR61/CTGF via Hippo Pathway

N. Pu, S.S. Gao, H.L. Yin, J.A. Li, W.C. Wu, Y. Fang, L. Zhang, Y.F. Rong, X.F. Xu, D.S. Wang, T.T. Kuang, D.Y. Jin, J. Yu, W.H. Lou. *Department of General Surgery and Interventional Radiology, Zhongshan Hospital, Fudan University, Shanghai, People's Republic of China; Department of Surgery, The Sol Goldman Pancreatic Cancer Research Center, The Johns Hopkins University School of Medicine, Baltimore, MD.*

PT-75

BUN Change From Admission and Levels at 24-48 Hours are Significant Predictors of Severity in Pediatric Acute Pancreatitis

L.N. Hornung, P.R. Farrell, P. Farmer, A. Serrette, T.K. Lin, J.D. Nathan, D.S. Vitale, M. Abu-El-Haija. *Division of Biostatistics and Epidemiology, Cincinnati Children's Hospital Medical Center, Cincinnati, OH; Division of Gastroenterology, Hepatology and Nutrition, Cincinnati Children's Hospital Medical Center, Cincinnati, OH*

PT-76

Improving Diagnostics of Pancreatic Ductal Adenocarcinoma via Tumor Targeted Wormhole Silica Particles with Optoacoustic Tomography

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PT-77

Proteomic Profiling of Plasma-derived Exosomes From Pathologically Diverse Pancreatic Cancer Patients

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PT-78

Risk Factors and Outcome of Patients with Pancreatic Ductal Adenocarcinoma and Thromboembolism

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PT-79

AMP-Activated Protein Kinase, Potential Therapeutic Target for Ethanol Induced ER Stress and Pancreatic Acinar Cell Injury: From Bit Player to Center Stage

M.P. Srinivasan, K.K. Bhopale, S. Amer, A. Caracheo, S. Khan, R. D. Kakumanu, L. Kaphalia, G. Loganathan, A.N. Balamurugan, B.S. Kaphalia. *Departments of Pathology and Internal Medicine, The University of Texas Medical Branch, Galveston, TX; Department of Chemistry & Biochemistry, South Dakota State University, Brookings, SD; Department of Surgery, University of Louisville, Louisville, KY.*

PT-80

Activation of $\alpha 7$ nACh Receptor Protects Against Caerulein-induced Acute Pancreatitis Through Modulating Pancreatic Inflammation and Enhancing Autophagic Flux

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POSTERS | THURSDAY, NOVEMBER 7

PT-81

Optimal Follow-up of Incidental Pancreatic Cystic Lesions: Clinical Outcome After Long-term Follow-up

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PT-82

Pain Modulatory Phenotypes Differentiate Chronic Pancreatitis Patients With Distinct Clinical Pain Profiles

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PT-83

Surgery for Chronic Pancreatitis in Finland is Rare, but the Reported Long-term Results Seem to be Good.

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PT-84

EUS Findings in High-Risk Pancreatic Cancer Individuals: High Prevalence of Parenchymal Abnormalities, Especially Cysts

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PT-85

Inhibition of Hepatocyte Growth Factor (HGF) Signalling Pathway in Combination With Chemotherapy Reduces Tumour Burden in an Orthotopic Model of Advanced Pancreatic Cancer

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PT-86

Genetic Risk in Pancreatic Cancer and Acute Pancreatitis – the Role of *CPA1*

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PT-87

Complications After Resection of the Pancreas

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PT-88

Using Proteolysis to Improve Risk Stratification for Pancreatic Cysts

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POSTERS | THURSDAY, NOVEMBER 7

PT-89

Gemcitabine Triggers an Autophagy Response Associated With Modulation in the Master Regulator of Autophagy and Lysosomal Biogenesis TFEB

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PT-90

A Comparison of Machine Learning (ML) and Logistic Regression Analysis for the Prediction of In-Hospital Mortality in Acute Biliary Pancreatitis (ABP)

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PT-91

Lipophilic Statins Suppress LPS-induced IL-6 Production in Macrophages Through Inhibition of the Mevalonic Acid Pathway

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PT-92

Prediction of Pancreatic Cancer Based on Duct Abnormalities Using Prediction Models

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PT-93

Fully Automated Pancreatic Cancer Tumor Analysis in CT Images Using Artificial Intelligence and Deep Learning Neural Networks

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PT-94

Regulation of Glucocorticoid Receptor and p38 MAPK Activation by Hydrocortisone in Mono- and Co-cultures of Mouse Pancreatic Acinar and Stellate Cells

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PT-95

Hypertriglyceridemia Worsens Acute Pancreatitis via SREBP1c/miR-153 Signaling Dysregulation

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PT-96

Activation of Dopamine D2 Receptor Prevents Trypsinogen Activation During Acute Pancreatitis via Upregulating HSP70 Expression

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POSTERS | THURSDAY, NOVEMBER 7

PT-97

Myeloid-specific Dopamine D2 Receptor Signaling Controls Acute Pancreatitis via Inhibiting M1 Macrophage Activation

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PT-98

Identification of Novel Tumor Suppressors for Pancreatic Cancer Initiation and Progression from Normal Human Pancreatic Acinar Cells

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PT-99

Stratification of Pancreatic Cancer Risk in the General Population Using an Apolipoprotein A2 Isoform Blood Test.

K. Honda, T. Kobayashi, Y. Sato, S. Nishiumi, S. Okaya, K. Takeuchi, K. Nagashima, M. Yoshida. *Department of Biomarkers for Early Detection of Cancer, National Cancer Center Research Institute, Division of Gastroenterology, Department of Internal Medicine, Kobe University Graduate School of Medicine, Research Center for Medical and Health Data Science. The Institute of Statistical Mathematics*

PT-100

Pancreatic Lesions Less Than 10 mm Studied by Endoscopic Ultrasonography With Fine-needle Aspiration

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PT-101

The Values of Serial Pancreatic Juice Aspiration Cytologic Examination (SPACE) in the Early Detection of Pancreatic Cancer

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PT-102

CA19-9 Decrease (<50%) at 8 Weeks is a Negative Predictive Factor for the Induction of Second-Line Chemotherapy After Nab-Paclitaxel Plus Gemcitabine for Patients With Advanced Pancreatic Cancer

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PT-103

Micro-CT in the Analysis of Formalin-Fixed Paraffin-Embedded Blocks of Resected Pancreatic Lesions

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PT-104

Endoscopic Treatment for Pancreaticojunal Anastomotic Stricture Following Pancreaticoduodenectomy

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PT-105

A Case of Stones in Santorini's duct Treated with Peroral Pancreatography and Electrohydraulic Lithotripsy via Minor Duodenal Papilla

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POSTERS | THURSDAY, NOVEMBER 7

PT-106

Comparison of Pancreatic Exocrine Status between Patients With Cystic Fibrosis in Pediatric and Adult age in Japan

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PT-107

Pancreaticoduodenectomy Was Performed for Patients With Stenosis of Celiac Axis.

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PT-108

New Onset Diabetes (NOD): A Potential Biomarker for Progression of Low Risk Pancreatic Cystic Neoplasms

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PT-109

Successful Management of Pancreatic Duct Obstruction in 2 Patients Using Endoscopic Ultrasound-Guided Pancreatic Duct Drainage

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PT-110

Peritoneal Lavage Tumor DNA as a Novel Biomarker for Predicting Peritoneal Recurrence in Pancreatic Ductal Adenocarcinoma

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PT-111

Newly Diagnosed Diabetes Mellitus After Recovery From Acute Pancreatitis: A Cross-sectional Study in a Japanese Tertiary Hospital

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PT-112

Value of Intraoperative Ultrasound With Superb Microvascular Imaging and Contrast Medium Sonazoid in Pancreatic Surgery of Mixed-type IPMN

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PT-113

Study on the Relationship Between Nutritional Status and Energy Metabolism in Patients After the Pancreatectomy

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POSTERS | THURSDAY, NOVEMBER 7

PT-114

Iron Levels and Lipocalin 2 Expression Modulate Responses of Cells in the Tumor Micro- environment of Pancreatic Ductal Adenocarcinoma

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PT-115

A Case of Groove Pancreatitis Successfully Treated With Endoscopic Pancreatic Duct Stenting via the Minor Ampulla

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PT-116

Acinar Cell Carcinoma With Tumor Expression Into the Pancreatic Duct

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PT-117

A Case of Complication by Pancreatic Neuroendocrine Tumor After Surgery for Intraductal Papillary Mucinous Adenocarcinoma

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PT-118

Intraductal Papillary Mucinous Carcinoma With Pancreas Divisum Treated by Dorsal Pancreatic Proximal Segmentectomy.

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PT-119

Borderline Resectable Pancreatic Cancer With Artery Involvement: Preoperative Evaluation & Response

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PT-120

Localized Main Pancreatic Duct Stenosis without a Mass on Computed Tomography or Magnetic Resonance Imaging

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PT-121

Analysis of Pancreatoduodenectomy in Elderly Patients 80 Years and Older at our Institution

S. Lim, S. Hata, M. Hayasaka, H. Yamaguchi, M. Teruya, M. Kaminishi. *Department of Gastrointestinal Surgery, Showa General hospital, Tokyo, Japan.*

PT-122

Pancreatic Adenocarcinoma With Inferior Vena Cava Invasion: Report of a Case

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POSTERS | THURSDAY, NOVEMBER 7

PT-123

Liver Fibrosis After Pylorus-Preserving Pancreatoduodenectomy

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PT-124

Preceding Acute Pancreatitis is Found in the Majority of Patients With Definite Chronic Pancreatitis by The M-ANNHIEP Diagnostic Criteria

M. Faghih, N. Yahyapourjalaly, T. Boortalary, C. Fan, M. Gurkar, M.A. Makary, A.N. Kalloo, E. Afghani, M.A. Khashab, A. Zaheer, V.K. Singh. *Division of Gastroenterology, Pancreatitis Center, Department of Medicine; Division of Surgical Oncology Department of Surgery; Division of Abdominal Imaging, Department of Radiology Johns Hopkins Medical Institutions, Baltimore, MD*

PT-125

Calcifications and Moderate to Marked Ductal Changes are Only Seen in Patients With Imaging Documented Acute Recurrent Pancreatitis

M. Faghih, N. Yahyapourjalaly, T. Boortalary, C. Fan, M. Gurkar, M.A. Makary, A.N. Kalloo, E. Afghani, M.A. Khashab, A. Zaheer, V.K. Singh. *Division of Gastroenterology, Pancreatitis Center, Department of Medicine; Division of Surgical Oncology Department of Surgery; Division of Abdominal Imaging, Department of Radiology Johns Hopkins Medical Institutions, Baltimore, MD*

PT-126

Poorly Differentiated Pancreatic Ductal Adenocarcinoma is Associated With Hyperglycemia at Diagnosis

S.K. Garg, B. Ravella, D. Singh, H. Kandlakunta, S.S. Nagpal, A. Sharma and S. Chari *Gastroenterology and Hepatology Division, Mayo Clinic, Rochester*

PT-127

Familial Pancreatic Cancer Patients Have Higher Surgical Resection and Survival Compared Sporadic Pancreatic Cancer Patient

S.K. Garg, B. Ravella, D. Singh, H. Kandlakunta, S.S. Nagpal, A. Sharma and S. Chari *Gastroenterology and Hepatology Division, Mayo Clinic, Rochester*

PT-128

Clinical Significance of Drainage Culture Contamination in Pancreatic Fistula After Distal Pancreatectomy

T. Harino, K. Noguchi, Y. Yanagimoto, Y. Takahashi, M. Hirota, T. Tanida, Y. Tomimaru, S. Noura, H. Imamura, J. Shimizu, T. Iwazawa, K. Dono. *Department of Surgery, Toyonaka municipal hospital; Department of Gastroenterological Surgery, Osaka University.*

PT-129

Three-dimensional Visualization Technology Used in Pancreatic Surgery: A Valuable Tool for Surgical Trainees

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PT-130

NADPH Oxidase 1-derived ROS Promote NF- κ B-dependent Kinases Msk1/IKK α Production in Pancreatic Stellate Cells in Presence of Pancreatic Cancer Cells.

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POSTERS | THURSDAY, NOVEMBER 7

PT-131

Pancreatic Head Cancer With the Aberrant Right Hepatic Artery During Pancreaticoduodenectomy Correlates With Increased Risk of Local Recurrence

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PT-132

Anterior Versus Posterior Radical Antegrade Modular Pancreatosplenectomy for Patients With Adenocarcinoma of Body and Tail of Pancreas: a Propensity Score Matching Study

S.Z. Gao, S.W. Guo, G. Li, T.L. He, Y.Q. Zhou, X.Y. Zhou, Y.J. Zhang, X.G. Hu, G. Jin. *Department of Hepatobiliary Pancreatic Surgery, Changhai Hospital Affiliated to Navy Medical University, 168 Changhai Road, Shanghai 200433, China*

PT-133

Clinical Characteristics and Management of Hepatic Metastases of Pancreatic Neuroendocrine Neoplasms (pNENs): a Multicenter Experience

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PT-134

Improving Co-Culture Conditions for 3D Cultures of PDAC Organoids and Pancreatic Stellate Cells by Choosing the Right Gel

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PT-135

Efficacy of Endoscopic Treatment of Main Pancreatic Duct Stones With Electroconductive System Extracorporeal Shock Wave Lithotripsy

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PT-136

The Pancreatitis Activity Scoring System predicts Post-Intervention Outcomes and Early Readmission in Patients with Infected Pancreatic Necrosis.

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PT-137

Early Protective Effects of Chaikin Chengqi Decoction on Experimental Acute Pancreatitis via NF- κ B/ NLRP3-mediated Anti-inflammatory Pathways

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POSTERS | THURSDAY, NOVEMBER 7

PT-138

Bone Health in Chronic Pancreatitis: A Pilot Study

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PT-139

Opportunistic Screening of Bone Mineral Density with CT Scans in Chronic Pancreatitis

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PT-140

Transcriptional Activation of a Novel ZEB1-Integrin-ENT1 Axis Underlies the Role of ZIP4 in Pancreatic Cancer Metastasis and Chemoresistance

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PT-141

ACSS2 Mediated Upregulation of ZIP4 Drives Survival of Pancreatic Cancer Cells Under Nutrition Stress

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PT-142

Metformin and BET Inhibitors Modulate Proliferation and Inflammatory Responses in Pancreatic Stellate Cells and Macrophages.

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PT-143

The Influence of Ki-67 Difference Between Primary and Metastases for Surgical Strategy in Pancreatic Neuroendocrine Neoplasm With Liver Metastases: a Single Institute Experience

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PT-144

Tumor Budding in Pancreatic Cancer: a Pathological Phenomenon Represents Cancer Stem Cell and Epithelial-mesenchymal Transition

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PT-145

Gemcitabine Plus S-1 as First-line Chemotherapy in Chinese Patients With Advanced Pancreatic Cancer: A Prospective Study

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POSTERS | THURSDAY, NOVEMBER 7

PT-146

Improved Tumor Control With Anti-angiogenic Therapy After Gemcitabine and Nab-paclitaxel in Pancreatic Cancer

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PT-147

Clinicopathological Analysis of Cystic Pancreatic Carcinoma in 37 Cases

C. Yuan, Gang Li, C. Ye, Q. Chen, S. Abuduhaibaier, S. Ren, X. Guo, L. Tao, X. Shi, M. Chen, Z. Zhang, M. Tao, B. Jiang, Z. Ma, L. Li, Y. Peng, H. Wang, L. Zhang, T. Zhang, D. Xiu. *Department of General Surgery, Peking University Third Hospital, Beijing 100191, China; Department of Pathology, Peking University Third Hospital, Beijing 100191, China; Department of Radiology, Peking University Third Hospital, Beijing 100191, China.*

PT-148

The Implications of Focal Adhesion Kinase (FAK) on T-cell Populations in Immunotherapy Treated Pancreatic Ductal Adenocarcinoma (PDAC)

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PT-149

Study on the Validity and Long-term Prognosis of Elective Surgery for Chronic Pancreatitis

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PT-150

Uncinate Process Resection Facilitate Mesentericoportal Vein Reconstruction in Distal Pancreatectomy

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PT-151

Molecular Mechanisms Underlying Crosstalk Between Fibroblasts and Macrophages in Pancreatic Tumorigenesis

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PT-152

Clinical Study of Different Surgical Approaches in Laparoscopic Debridement for Patients With Infected Pancreatic Necrosis

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PT-153

Exploration of the Indication for Removal of the Abscess Cavity Drainage Tube of Infectious Pancreatic Necrosis

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PT-154

Effectiveness of Multi-video-assisted Minimal Invasive Debridement in Patients With Infected Pancreatic Necrosis

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POSTERS | THURSDAY, NOVEMBER 7

PT-155

Pharmacodynamic (PD)/Pharmacokinetic (PK) Study of CM4620 Injectable Emulsion in Patients With Acute Pancreatitis

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PT-156

Dietary Fat Composition and Male-sex Rather Than Obesity May be Associated With Increased Acute Pancreatitis (AP) Severity

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PT-157

Proteomic and RNA Profiling of the Human Matrisome Reveals Distinct Signatures in PDAC

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PT-158

Risk Modeling for Pancreatic Fistulae After Pancreatic Head Resections in a Single Tertiary Center

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PT-159

Transmissible ER Stress (TERS) Response Between Different Cell Types in Pancreatic Adenocarcinoma Contributes to Quiescence in Cancer Cells

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PT-160

Morphogenesis of the Ventral Pancreas Anlagen is Associated with Branching Variation of the SMA

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PT-161

Employment Status and Hospital Admissions as Potential Measures of QOL for Patients Undergoing Total Pancreatectomy and Islet Autotransplantation

L.F. Lara, J. Buss, A. Rajab, P.A. Hart, D. Conwell, S. Meng, K. Kuntz, S. Black, K. Washburn. *Division of Gastroenterology, Hepatology and Nutrition, Department of Surgery Division of Transplantation, Division of Endocrinology, Diabetes, and Metabolism, Department of Psychiatry and Behavioral Health, The Ohio State University Wexner Medical Center, Columbus, OH 43210 USA*

PT-162

Clinical Characteristics and Treatment Outcomes of Pancreatic Cystic Neoplasms: a Retrospective Study of 188 Cases

J.W. Xu, H.X. Zhan, F. Li, H. Liu, S.Y. Hu, L. Wang. *Department of General Surgery, Qilu Hospital, Shandong University, Jinan, China.*

POSTERS | THURSDAY, NOVEMBER 7

PT-163

Clinical Characteristics of Pancreatic Metastases: a Retrospective Study

J.W. XU, F. Li, H.X Zhan, H. Liu, S.Y. Hu, L. Wang. *Department of General Surgery, Qilu Hospital, Shandong University, Jinan, China.*

PT-164

Contribution of Post-translational Modifications to the Pathogenicity of Carboxyl-ester Lipase (CEL) Protein Variants in Pancreatic Disease

K. El Jellas, K. Fjeld, B.B. Johansson, M.H. Choi, D. Hoem, S.M. Haslam & A. Molven. *Gade Laboratory for Pathology, Department of Clinical Medicine, University of Bergen, Bergen, Norway; Department of Medical Genetics, Bergen, Haukeland University Hospital, Bergen, Norway; Department of Pediatrics and Adolescent Medicine, Haukeland University Hospital, Bergen, Norway; Department of Gastrointestinal Surgery, Haukeland University Hospital, Bergen, Norway; Department of Life Sciences, Imperial College London, London, United Kingdom*

PT-165

Clinical Efficacy and Safety of Distal Pancreatectomy with Celiac Axis Resection for Pancreatic Body/Tail Cancer

L.G. Shi, A.A. Liu, D.L. Chen, L. Tang, Z.P. Fu, X. Liang, M. Ji, G. Yang, C.H. Shao. *Department of General Surgery, Changzheng Hospital, Navy Medical University, SHANGHAI, CN*

PT-166

VGF is a Poor Prognostic Indicator and Facilitates Growth and Metastasis in Pancreatic Neuroendocrine Neoplasms

M. Ji, A.A. Liu, D.L. Chen, L. Tang, L.G. Shi, Z.P. Fu, X. Liang, G. Yang, C.H. Shao. *Department of General Surgery, Changzheng Hospital, Navy Medical University, SHANGHAI, CN.*

PT-167

Preoperative Nutrition Support Based on NRS2002 May Reduce the Prevalence of Postoperative Pancreatic Fistula (POPF) – a Retrospective Bicenter Study of 522 Consecutive Cases Who Underwent Open Pancreatoduodenectomy in China

J.Y. Xu, A.R. Zhang, X.D. Tian, Z. Li, J. Chen, J.M. Wei, Y.M. Yang. *Department of General Surgery, Beijing Hospital, National Center of Gerontology, Beijing, China; Department of General Surgery, Peking University First Hospital, Beijing, China.*

PT-168

YAP is a Critical Mediator of AKR1B1 Induced EMT and Cell Invasion in Pancreatic Cancer

Z.D. Jiang, X.Q. Li, Z. Wang, Q.Y. Ma. *Department of General Surgery and Hepatobiliary Surgery, The First Affiliated Hospital of Xi'an Jiaotong University, Xi'an 710061, China*

PT-169

Pancreatoduodenectomy Combined With Superior Mesenteric Vein-Portal Vein Resection for Borderline Resectable Pancreatic Cancer: A Clinical Analysis

A.A. Liu, M. Ji, J.T. Tang, D.L. Chen, L. Tang, L.G. Shi, Z.P. Fu, X. Liang, G. Yang, C.H. Shao. *Department of General Surgery, Changzheng Hospital, Navy Medical University, SHANGHAI, CN*

PT-170

Perioperative Outcome and Prognosis After Extended Pancreaticoduodenectomy for Pancreatic Head Ductal Adenocarcinoma

D.L. Chen, R.Q. Wei, A.A. Liu, J.T. Tang, L. Tang, L.G. Shi, Z.P. Fu, X. Liang, M. Ji, G. Yang, C.H. Shao. *Department of General Surgery, Changzheng Hospital, Navy Medical University, SHANGHAI, CN*

PT-171

F-Box/LRR-Repeat Protein 7 Suppresses Pancreatic Cancer Metastasis by Targeting Snail1 for Proteasomal Degradation

L. Tang, A.A. Liu, D.L. Chen, L.G. Shi, Z.P. Fu, X. Liang, M. Ji, G. Yang, C.H. Shao. *Department of General Surgery, Changzheng Hospital, Navy Medical University, SHANGHAI, CN*

POSTERS | THURSDAY, NOVEMBER 7

PT-172

Early Introduction of a Continuous Glucose Monitor in a Pediatric Population After Total Pancreatectomy With Islet Autotransplantation.

K.R. McEachron, G.J. Beilman, S. Chinnakotla, M.D. Bellin. *Departments of Surgery and Pediatrics, University of Minnesota, Minneapolis, MN*

PT-173

Diabetes and Weight Loss as Predictors of Malignancy in Intraductal Papillary Mucinous Neoplasms: Results From a Referral Center

I. Pergolini, C. Jäger, O. Safak, A. Novotny, I.E. Demir, H. Friess. *Department of Surgery, Technical University of Munich, Munich, Germany*

PT-174

The Postoperative Outcomes After Resection of Pancreatic Head or Body Cancer With Nodal Metastases Around the Superior Mesenteric Artery

Y. Miyata, T. Tsunenari, T. Kato, T. Iwasaki, T. Einama, S. Aosasa, Y. Kishi, J. Yamamoto. *Department of Surgery, National Defense Medical College Hospital, Saitama, Japan; Department of Surgery, Shin-Kuki General Hospital, Saitama, Japan; Department of Gastroenterological Surgery, New Tokyo Hospital, Chiba, Japan.*

PT-175

Medial Pancreatectomy for Intraductal Papillary Mucinous Neoplasm: Report of 2 Cases

Y. Sawa, S. Hata, H. Yamaguchi, M. Teruya, M. Kaminishi. *Department of Gastrointestinal Surgery, Showa General Hospital, Tokyo, Japan.*

PT-176

Portal Vein Resection and Reconstruction With Artificial Blood Vessels (ePTFE graft) is Safe and Feasible for Pancreatic Ductal Adenocarcinoma Patients With Portal Vein Involvement: Chinese Center Experience

Z. Xie, D. Fu. *Department of Pancreatic Surgery, Pancreatic Disease Institute, Huashan Hospital, Shanghai Medical College, Fudan University, Shanghai 200040, China*

PT-177

Preoperative Malnutrition in Patients With Total Pancreatectomy is a Crucial Negative Risk Factor of Postoperative Hypoglycemia Feasibility of Proximal Subtotal Pancreatotomy as an Alternative Method

Y. Nakagawa, H. Kato, D. Noguchi, A. Hayasaki, Y. Iizawa, T. Fujii, A. Tanemura, Y. Murata, N. Kuriyama, M. Kishiwada, S. Mizuno, H. Sakurai, S. Isaji. *Department of hepatobiliary Pancreatic and Transplant Surgery, Mie University Graduate School of Medicine, Mie, Japan*

PT-178

Clinical Characteristics of Early Stage Chronic Pancreatitis (eCP): A Single-center Study

Y. Tokuda, R. Okumura, M. Taniguchi, T. Nakamura, K. Nishiguchi, M. Sawamura, A. Ishimi, Y. Onishi, T. Kanno, S. Hiyama, M. Chiba, K. Yamamoto, N. Tatsumi, T. Ito. *Japan Community Health Care Organization Osaka Hospital, Osaka, Japan.*

PT-179

HIF-1 α /RNF139 Axis is Involved in Nab-paclitaxel Resistance in PDAC by Inducing Endoplasmic Reticulum Stress

S. Gao, S. Yuan, B.D. Zhou, J. Xu, J.H. Hao. *Department of Pancreatic cancer, Tianjin Medical University Cancer Institute and Hospital, Tianjin, China*

PT-180

Tumour-derived Interleukin 35 leads to Gemcitabine Chemoresistance by Inducing SOD2 Expression

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PT-181

Laparoscopic Splenic Preservation Distal Pancreatectomy: a Report of 88 Patients

X. Lin, F. Lu, R. Lin, Y. Yang, C. Wang, H. Fang, Y. Chen, H. Huang. *Department of General Surgery, Fujian Medical University Union Hospital, Fuzhou 350001, China*

POSTERS | THURSDAY, NOVEMBER 7

PT-182

Effect of Y-chromosome Gene Expression on Pancreatic Ductal Adenocarcinoma Progression

K. Kawakubo, K.N. Von Alt, T. Hank, M. Mino-Kenudson, K.D. Lillemoe, A.L. Warshaw, C. Fernández-del Castillo. A.S. Liss. *Department of Surgery and Pathology, Massachusetts General Hospital, Boston, MA.*

PT-183

MiR-328-5p Suppresses Activation of Pancreatic Stellate Cells and Pancreatic Fibrogenesis via Saa3 mRNA Degradation in Chronic Pancreatitis

G.Q. Zhang, L. Li, J.S. Hu, G. Wang, H. Chen, H.Z. Chen, T. Zhang, W. Guan, D.S. Shang, H. Sun, S.H. Pan, B. Sun. *Department of pancreatic and biliary surgery, Key Laboratory of Hepatosplenic Surgery, The First Affiliated Hospital of Harbin Medical University, Harbin, China; Key Laboratory of Chinese Materia Medica, Heilongjiang University of Chinese Medicine, Harbin, China; College of Bioinformatics Science and Technology, Pharmaceutical Experiment Teaching Center, Harbin Medical University, Harbin, China.*

PT-184

Plasma D-dimer Level is an Early Predictor of the Severity of Acute Pancreatitis Based on the Atlanta 2012 Classification

G.Q. Zhang, G. Wang, L. Li, J.S. Hu, L. Ji, Y.L. Li, F.Y. Tian, B. Sun. *1 Department of Pancreatic and Biliary Surgery, Breast Surgery, the First Affiliated Hospital of Harbin Medical University*

PT-185

Alternative Lengthening of Telomeres Predicts Metastatic Disease and Poor Survival in Patients With Pancreatic Neuroendocrine Tumors

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PT-186

Scoring System for Cytological Diagnosis of Pancreatic Cancer Using EUS-FNA Samples

Y. Kiso, Y. Matsuda, S. Esaka, Y. Hamashima, H. Shirahata, M. Kakizaki, T. Ishizaki, T. Arai. *Department of Pathology, Tokyo Metropolitan Geriatric Hospital; Oncology Pathology, Department of Pathology and Host-Defense, Faculty of Medicine, Kagawa University; Research Team for Human Care, Tokyo Metropolitan Institute of Gerontology, Tokyo, Japan*

PT-187

Interleukin-37 Suppresses Pancreatic Cancer Progression by Formatting a Negative Feedback with HIF-1 α

T.S. Zhao, F.J. Jin, D. Xiao, H.W. Wang, S.Y. Yan, J.H. Hao. *Tianjin Medical University Cancer Institute and Hospital, Department of Pancreatic Cancer, Tianjin, PR China; Department of Cellular and Molecular Physiology, Penn State College of Medicine, Hershey, PA*

PT-188

RASAL2, as the Target of Long Non-coding RNA SPRIGHTLY and Activates RAC1 Pathway to Promote Pancreatic Cancer Progression

Y.Y. Yue, Q.Y. Ma, Z. Wu, Z. Wang. *Department of Hepatobiliary Surgery, First Affiliated Hospital, Xi'an Jiaotong University, Xi'an 710061, China*

PT-189

2-HF Sensitizes Human Pancreatic Cancer Cells to EGFR Inhibitors by Inhibiting STAT3 Pathway

S.B. Dong, Y.Y. Yue, Q.Y. Ma, Z. Wu, Z. Wang. *Department of Hepatobiliary Surgery, First Affiliated Hospital, Xi'an Jiaotong University, Xi'an 710061, China*

POSTERS | THURSDAY, NOVEMBER 7

PT-190

Pancreatic Stellate Cells Promote Epithelial-mesenchymal Transition of Cancer Cells by Notch-3 Promoter Demethylation

F. Cao, J. Li, H. Sun, S. Liu, Y. Cui, F. Li. *Department of General Surgery, Xuanwu hospital, Capital Medical University*

PT-191

Two Cases of Pancreatic Neuroendocrine Tumor With Massive Involvement to the Spleen

Y. Takigawa, E. Bekku, Y. Masuda, Y. Kohashi, A. Sasaki, J. Matsui. *Department of Surgery, Radiology and Pathology; Tokyo Dental College Ichikawa General Hospital*

PT-192

Exosomal Linc-ROR Facilitates Epithelial-mesenchymal Transition and Metastasis in Pancreatic Cancer via IL-1 β /HIF-1 α Signaling Mediated Crosstalk With Adipocytes

H.X. Zhan, Z.W. Sun, L.T. Du, Y. Zhan, B. Zhou, Y.S. Wang, S.Y. Hu, M. Li. *Department of Medicine, The University of Oklahoma Health Sciences Center, Oklahoma City, Oklahoma; Department of Surgery, The University of Oklahoma Health Sciences Center, Oklahoma City, Oklahoma; Department of General Surgery, Qilu hospital, Shandong University, Jinan, Shandong Province, China; Department of Hepatopancreatobiliary Surgery, The Affiliated Hospital of Qingdao University, Qingdao, Shandong Province, China; Department of Clinical Laboratory, The Second Hospital of Shandong University, No. 247 Beiyuan Street, Jinan, China.*

PT-193

The Sub-classification of Grade B Pancreatic Fistula After Pancreaticoduodenectomy: A Single-center Study

H.Tan, Z. Zuo, D. Guo, S. Ai, R. Wei, H. Jiang, B. Sun. *Department of Pancreatic and Biliary Surgery, the First Affiliated Hospital of Harbin Medical University, Harbin 150001, China.*

PT-194

Heterogeneous Cancer Stem Cell Populations Show Specific Metabostemness and Metastatic Features in Pancreatic Cancer

R.K. Nimmakayala, F. Leon, D.J. Murry, Y.S. Chhonker, S. Chugh, R. Gupta, M. Sedlak, S. Rauth, S.K. Batra, and M.P. Ponnusamy. *Department of Biochemistry and Molecular Biology, University of Nebraska Medical Center, Omaha, NE; Department of Pharmacy Practice and Science, College of Pharmacy, University of Nebraska Medical Center, Omaha, NE*

PT-195

hENT 1 RNA and Protein in Combination May Act as Predictive Biomarkers for Survival for Patients Treated With Adjuvant Gemcitabine in Pancreatic Cancer

J. Hale, A. Evans, K. Aughton, N. O. Elander, P. Ghaneh, J.P. Neoptolemos, R. Jackson, T.F. Cox, F. Campbell, C.M. Halloran, J.R. Mackey, A.G. Scarfe, J.W. Valle, R. Carter, D. Cunningham, N.C. Tebbutt, D. Goldstein, J. Shannon, *Liverpool Cancer Trials Unit, University of Liverpool, Liverpool, United Kingdom; Department of Oncology, Linköping University, Linköping, Sweden; Department of Surgery, University of Heidelberg, Heidelberg, Germany; Cross Cancer Institute and University of Alberta, Canada; University of Manchester / The Christie NHS Foundation Trust, Manchester, United Kingdom; Glasgow Royal Infirmary, Glasgow, Scotland, United Kingdom; Royal Marsden National Health Service (NHS) Foundation Trust, London and Surrey, United Kingdom; Austin Health, Melbourne, Australia; Prince of Wales Hospital and Clinical School, University of New South Wales, Australia;*

PT-196

Targeting MUC4 in Pancreatic Cancer Using Non-shed Cell Surface Bound Antigenic Epitopes

A. Aithal, C. Orzechowski, W.M. Junker, P. Kshirsagar, A. Shah, S.K. Gautam, G.C. Varshney, S. K. Batra, M. Jain. *Department of Biochemistry & Molecular Biology; Fred and Pamela Buffett Cancer Center, University of Nebraska Medical Center, Omaha, NE, USA.*

POSTERS | THURSDAY, NOVEMBER 7

PT-197

Enhancing Mural Nodule in the Main Pancreatic Duct of Main and Mixed type IPMN of the Pancreas: Does Size Matter on Malignancy Risk?

T.H. Kim. *Department of Internal Medicine, Wonkwang University College of Medicine, Iksan, South Korea*

PT-198

A Case of Surgical Treatment for Chronic Pancreatitis

Y. Tedokon, T. Abe, M. Miyagi, H. Kawamoto, M. Eguchi, Y. Nakasone, K. Shonzato, M. Hayakawa, R. Ikemura, K. Miyagi, K. Iha. *Department of Surgery, Cyubutokusyukai Hospital. Department of Cardiovascular Surgery, Cyubutokusyukai Hospital.*

PT-199

Cancer Exposed Dendritic Cells Mount a Dysfunctional Immune Response Dependent on Heat Shock Protein 70

B. Giri, P. Sharma, A. Ferrantella, V. Sethi, S. Modi, Z. Malchiodi, B. Garg, S. Ramakrishnan, S. Lavania, S. Banerjee, A. Saluja, V. Dudeja. *Department of Surgery, University of Miami, Florida, US.*

PT-200

External Validation of Nomograms to Predict Malignancy and Invasiveness Risk in Patients With Intraductal Papillary Mucinous Neoplasms, Using Eastern and Western Cohorts

W. Jung, T. Park, Y. Kim, H. Park, Y. Han, J. He, C.L. Wolfgang, Al. Blair, M. Farzan Rashid, M.D. Kluger, G.H. Su, J.A. Chabot, C. Yang, W. Lou, Roberto Valente, M. Del Chiaro, Y. Shyr, S. Wang, N.C.M. van Huijgevoort, M.G. Besselink, Y. Yang, H. Kim, W. Kwon, S. Kim, J. Jang. *Department of Surgery and Cancer Research Institute, Seoul National University College of Medicine, Seoul, Korea; Department of Surgery, Ajou University School of Medicine, Suwon, Korea; Department of Statistics, Seoul National University College of Natural Sciences, Seoul, Korea; Department of Surgery, Johns Hopkins University School of Medicine, Baltimore, MD, United States; Department of Surgery, Division of Gastrointestinal and Endocrine Surgery, Columbia University, College of Physicians and Surgeon, New York, NY, United States; Department of Pathology and Cell Biology, Columbia University Medical Center, New York, NY, United States; Division of General Surgery, Department of Surgery, National Taiwan University Hospital, National Taiwan University College of Medicine, Taipei, Taiwan; Department of Pancreatic Surgery, Zhongshan Hospital, Fudan University, Shanghai 200032, People's Republic of China; Pancreatic Surgery Unit, Division of Surgery, Department of Clinical Science, Intervention and Technology (CLINTEC), Karolinska Institute at Center for Digestive Diseases, Karolinska University Hospital, Stockholm, Sweden;*

Notes

POSTERS OF DISTINCTION (PF-1 – PF-21)

PF-1

An Islet Dysfunction Model Following Acute Pancreatitis in Ferrets

Y. Yi, X. Sun, Y. Yu, B. Liang, K. Gibson-Corley, A.W. Norris, J.F. Engelhardt, A. Uc. *Department of Anatomy and Cell Biology, Fraternal Order of Eagles Diabetes Research Center, Department of Pediatrics, Department of Pathology, Department of Biochemistry, Department of Radiation Oncology; University of Iowa, Iowa City, IA USA*

PF-2

Nationwide Epidemiological Survey of Autoimmune Pancreatitis With Malignancy in Japan.

K. Sumimoto, K. Uchida, I. Tsukasa, and K. Okazaki *The Third Department of Internal Medicine, Division of Gastroenterology and Hepatology, Kansai Medical University, Osaka, Japan.*

PF-3

Stromal Factors Modulate Immune Checkpoint Blockade on T Cells in Pancreatic Cancer

P. Sharma, B. Garg, A. Ferrantella, U. Vaish, V. Sethi, S. Kurtom, H. Jacob, S. Ramakrishnan, R. Dawra, A. Saluja, V. Dudeja. *Department of Surgery, Sylvester Comprehensive Cancer Center, University of Miami, Miami, Florida, USA*

PF-4

SNPs Within Chronic Pancreatitis (CP) Risk Allele *CEL-HYB* Increase its Proteotoxicity

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PF-5

Efficacy of Neoadjuvant Treatment in Borderline Resectable Pancreatic Cancer With Portal Vein or Arterial Involvement

Y. Nagakawa, C. Takishita, Y. Hijikata, Y. Murakami, H. Yamaue, S. Sato, M. Unno, S. Isaji, I. Endo, M. Sho, T. Fujii, K. Takaori, S. Suzuki, T. Ohta, T. Nagakawa, T. Tsuchida. *Department of Gastrointestinal and Pediatric Surgery, Tokyo Medical University, Tokyo Japan; Hiroshima University Hiroshima Japan*

PF-6

Clinical Factors Associated With Oral Feeding Intolerance in Acute Pancreatitis: Results From an International, Multicenter, Prospective Cohort Study

I. Pothoulakis, P. Paragomi, K. Jeong, R. Talukdar, R. Kochar, M.K. Goenka, A. Gulla, V.K. Singh, J.A. Gonzalez, M. Ferreira, S.T. Barbu, K. Modha, S.C. Gutierrez, N.O. Zarnescu, G. Capurso, J. Easler, K. Triantafyllou, M. Pelaez-Luna, S. Thakkar, C. Ocampo, E. de-Madaria, B.U. Wu, G.A. Cote, O. Kohtaro, A.E. Phillips, G. Tang, G.I. Papachristou, H. Nawaz. *Department of Gastroenterology, University of Pittsburgh Medical Center, Pittsburgh, PA; Department of Gastroenterology, Asian Gastroenterology Institute, Hyderabad, India; Department of Gastroenterology, Postgraduate Institute of Medical Education and Research, Chandigarh, India*

PF-7

Single Cell RNA-Sequencing to Study Heterogeneity in the Pancreatic Cancer Microenvironment

M. Heckler, P.J. Lenahan, L.R. Ali, K. Roehle, S.J. Crowley, K.S. Ventre, Anze Godicelj, A.M. Luoma, K.W. Wucherpfennig, A. Aguirre, J. Agudo, S.K. Dougan. *Department of Cancer Immunology and Virology, Dana-Farber Cancer Institute, Boston, MA; Medical Scientist Training Program, Harvard Medical School. Boston, MA.; Department of Medical Oncology, Dana-Farber Cancer Institute, Boston, MA*

Notes

PF-8

IL6 Drives Metabolic Reprogramming And Induces Stemness in Pancreatic Cancer

K. Kesh, V. K. Gupta, N. Sharma, R. Hadad, B. C. Durden, V. T. Garrido, A. Saluja, S. Banerjee *Division of Surgery, Dept. of Surgery, University of Miami, FL*

PF-9

Utility of Liquid Biopsy in Pancreatic Cancer Patients With Pathological Complete Response to Neoadjuvant Therapy

L. Yin, N. Pu, A. Hasanain, A.B. Blair, S. Maeda, D. Ding, H. Hu, Y. Zhu, Y. Wu, V.P. Groot, J. Teinor, M. Chuidian, J.R. Habib, A.A. Javed, R.A. Burkhart, J.L. Cameron, M.G. Goggins, M. Makary, W. Burns, Y. Miao, J. He, C.L. Wolfgang, J. Yu. *Department of Surgery, Johns Hopkins University School of Medicine, Baltimore, MD; Pancreas Center, The First Affiliated Hospital of Nanjing Medical University, Nanjing, China*

PF-10

The Risk of Malignancy in Small Pancreatic Cysts Does not Decrease Over Time.

D. Ciprani, M. Weniger, M. Qadan, T. Hank, N.K. Horick, C.R. Ferrone, K.D. Lillemoe, A.L. Warshaw, C. Fernández-del Castillo. *Department of Surgery, Massachusetts General Hospital and Harvard Medical School, Boston, MA.*

PF-11

Modulation of the PDAC Tumor Microenvironment – “The Extravesicular Link”

T. Kashuv, H.K. Charles Jacob, A.R. Ferrantella, J. Tao, S. Kurtom, U. Vaish, S. Lavania, A.K. Saluja and V. Dudeja. *Department of Biochemistry and Molecular Biology, University of Miami, Miami, FL; Department of Surgery, Miller School of Medicine, University of Miami, Miami, FL*

PF-12

Contribution of Diet and Gut Microbiome to Acute Pancreatitis Severity and Disparity

B. Jung, E.R. Mutlu, G. I. Papachristou, P. Grippo, B.R. Boulay, L. Tussing-Humphreys, H.R. Gaskins, N. Krett, C. Yazici. *University of Illinois at Chicago, Chicago, IL; Rush University Medical Center, Chicago, IL; University of Pittsburgh, Pittsburgh, PA; University of Illinois at Urbana-Champaign, Urbana-Champaign, IL*

PF-13

Innate and Adaptive Immune Responses Activated by Pancreas Specific Ablation of Atg5.

B Lee, OA Mareninova, DL Dillon, AS Gukovskaya, I Gukovsky, A Habtezion. *Division of Gastroenterology and Hepatology, School of Medicine, Stanford University; Department of Medicine, David Geffen School of Medicine, University of California at Los Angeles and VA Greater Los Angeles Healthcare System*

PF-14

New-onset Diabetes and Interethnic Variation in Metabolic Markers for Pancreatic Cancer Risk

B.Z. Huang, S.J. Pandol, C.Y. Jeon, S.T. Chari, C.A. Sugar, C.R. Chao, Z.F. Zhang, B.U. Wu, V.W. Setiawan. *Department of Research & Evaluation, Kaiser Permanente Southern California, Pasadena, CA; Department of Epidemiology, UCLA Fielding School of Public Health, Los Angeles, CA; Division of Gastroenterology, Department of Medicine, Cedars-Sinai Medical Center and Department of Veterans Affairs, Los Angeles, CA*

PF-15

Genetic Analysis of Pedigrees with Multiple Endocrine Neoplasia Type 1

J. Wu, W. Xu, Z. Lu, W. Gao, K. Jiang, Y. Miao. *Pancreas Center, The First Affiliated Hospital with Nanjing Medical University, China*

PF-16

COPII Dependent ER Export and Its Regulation in ZG Biogenesis and Acinar ER Homeostasis

J. Fang, H. Pang, X. Chen. *Department of Physiology, Wayne State University, Detroit, MI*

PF-17

Genomic Landscape in Stroma Reveals KRAS Mutation Associated With Poor Survival of Resectable Pancreatic Adenocarcinoma

Notes

L.Yang, Y.P. Xu, S. Ye, L.P. Chang, J.H. Jiang, X.G Hu, H.X Zhou, G.Q Ru, X.L. He, X.F Xia, L.Yang, X. Yi, S. Makawita, X.M. Tong, J.J. Zhang, Y.P. Mou, D.S. Huang. *Key Laboratory of Tumor Molecular Diagnosis and Individualized Medicine of Zhejiang Province, Key Laboratory of Gastroenterology of Zhejiang Province*

PF-18

Minnelide Treatment Ameliorates Severity of Well-Established Chronic Pancreatitis by Suppressing the Activity of Pancreatic Stellate Cells
S. Iyer, J. George, M. Tarique, E. Bava, R. Dawra, V. Dudeja, A. Saluja. *Department of Surgery, University of Miami Miller School of Medicine, Miami, FL; Internal Medicine, New Haven Health-Bridgeport Hospital, Bridgeport, CT*

PF-19

Tff2-Expressing Cells in Pancreatic Duct Glands (PDG) are Somatic Progenitors That are the Site of Origin for Epithelial Cell Regeneration and Cancer Formation

V. Kansal, P. Mondal, D. Maroni, K.L. McAndrews, J.D. Price, S.P. Thayer. *Division of Surgical Oncology, Department of Surgery, Fred and Pamela Buffett Cancer Center, University of Nebraska Medical Center, Omaha, NE*

PF-20

The Way From Abdominal Pain to Acute Pediatric Pancreatitis - The PINEAPPLE Study

A. Párniczky, D. Mosztbacher, F. M. Juhász, B. Tél, A. Erős, A. Nagy, I. Tokodi, K. Kaán, E. Horváth, V. Ila, M. Abu-El- Haija, F.K. Szabó, A.Z. Tóth, A. Demcsák, B. Fehér, K. Bakó, O. Kadenczki, I. Guthy, I. Cazacu, P. Bódi, S. Kiss, M. Földi, S. Váncsa, B.M. Dobai, L. Kucserik, N. Muzlinger, A. Rottenberg, M. Wilschanski, A. Szentesi, P. Hegyi. *Heim Pál National Institute of Pediatrics, Budapest, Hungary; Institute for Translational Medicine, School of Medicine, University of Pécs, Pécs, Hungary*

PF-21

Pirfenidone Improves Features of Well-Established Chronic Pancreatitis in Mouse Models by Immune-modulation.

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PF-22 Withdrawn

PF-23

A Mid-term Follow-up Analysis of Mixed Type Intraductal Papillary Mucinous Neoplasms Undergoing Non-surgical Management

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PF-24

Surgical Technique and Outcomes of Duodenum-preserving Pancreatic Head Resection for Benign Lesions

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PF-25

Sample Isolation Processing Using Stereomicroscopy as an Alternative to Rapid On-site Evaluation in Endoscopic Ultrasound-guided Fine-needle Aspiration Biopsy for the Diagnosis of Pancreatic Malignant Neoplasms

A. Tamaki, K. Okuwaki, M. Kida, H. Masutani, T. Iwai, H. Yamauchi, T. Kaneko, R. Hasegawa, E. Miyata, M. Watanabe, T. Kurosu, H Imaizumi, W. Koizumi. *Department of Gastroenterology, Kitasato University School of Medicine, Kanagawa, Japan.*

PF-26

Vascular Complications in Children with Acute Recurrent or Chronic Pancreatitis: Risk Factors and Response to Anticoagulants

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PF-27

Usefulness of Franseen FNA Needles in Histopathological Diagnosis of Autoimmune Pancreatitis

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PF-28 Withdrawn

PF-29

Six Cases of Trousseau Syndrome With Pancreatic Cancer.

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PF-30

The Diagnostic Ability of Serial Pancreatic Juice Aspiration Cytological Examination (SPACE) for the Localized Main Pancreatic Duct Stenosis

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PF-31

Chemotherapy in Pancreatic Cancer: Comparative Study of Gemcitabine, S-1 and FOLFIRINOX, Nab-Paclitaxel + Gem

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PF-32

Strategy for SMA Margin-negative Dissection Without Severe Diarrhea for Pancreatic Uncinate Process Cancer from Cadaveric Study

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PF-33

The Clinical Features of Pancreatic Cancer Complicated With Trousseau Syndrome at Ehime Prefectural Central Hospital

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PF-34

Usefulness of Transpancreatic Mattress Suture with Vicryl Mesh for Preventing Postoperative Pancreatic Fistula: A Novel Surgical Technique of Stump Closure after Distal Pancreatectomy

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PF-35

Analysis of Saliva Metabolites to Develop Early Detection System for Pancreatic Cancer

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PF-36 Withdrawn

PF-37

Utility of Contrast-enhanced Harmonic Endoscopic Ultrasonography for Early Diagnosis of Small Pancreatic Cancer

J. Nuta, Y. Yamashita, Y. Kawaji, T. Tamura, K. Hatamaru, M. Itonaga, M. Kitano, K. Tanioka, M. Terada, T. Sonomura, S. Hirono, K. Okada, M. Kawai, H. Yamaue. *Second Department of Internal Medicine and Clinical Study Support Center and Department of Radiology and Second Department of Surgery, Wakayama Medical University, Wakayama, Japan; Department of Radiology, Wakayama Minami Radiology Clinic, Wakayama, Japan*

PF-38

The Potency of SMAD4 and RUNX3 as Markers of Prognostic Prediction

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PF-39

Risk Factor for Diabetes Mellitus in Pediatric Chronic Pancreatitis Patients

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PF-40

The Expression and Prognostic Value of Toll-like Receptors (TLR) in Pancreatic Cancer Patients Treated With Neoadjuvant Therapy

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PF-41

The Role of Resection Margins in Pancreatic Ductal Adenocarcinoma (PDAC): Is one Millimeter Enough? A Systematic Review and Meta-analysis

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PF-42

Usefulness of Sound Speed Correction Mode in Endoscopic Ultrasonography for Diagnosing Pancreatic Diseases

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PF-43

Pathological Response and Adjuvant Chemotherapy are Prognostic Factors for Relapse Free Survival After Neoadjuvant Chemotherapy in Borderline Resectable Pancreatic Cancer With Arterial Involvement

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PF-44

No Significant Interactions Between Comorbidity and Chemotherapy Intensity in Elderly Patients With Unresectable Pancreatic Cancer

K. Saito, T. Nakamura, Y. Nakai, T. Suzuki, H. Oyama, S. Kanai, T. Sato, R. Hakuta, K. Ishigaki, T. Saito, T. Hamada, N. Takahara, S. Mizuno, H. Kogure, K. Koike. *Department of Gastroenterology, Graduate School of Medicine, The University of Tokyo.*

PF-45

Clinical Results of Stage I Pancreatic Cancer With Special Attention to Recurrence

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PF-46

Classification of Early-Onset and Late-Onset Idiopathic Chronic Pancreatitis: Doomed Outcome

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PF-47

Efficacy and Limitations of IgG4-Immunostaining and the Histological Evaluation for the Diagnosis of Type 1 Autoimmune Pancreatitis in Endoscopic Ultrasound-guided Fine Needle Aspiration Biopsy

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PF-48

Long-Term Results of Endoscopic Pancreatic Stent for Chronic Pancreatitis

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PF-49

Are Intra-operative Bile Cultures Obtained During Pancreatoduodenectomy of Clinical Benefit?

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PF-50

Diverting From Protocol Prophylaxis Due to Penicillin Allergy in Pancreatoduodenectomy is Associated With a Negative Impact on SSI and Pancreatic Fistula Formation

Notes

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PF-51

Eosinophilic Pancreatitis as a Benign Mimicker of Pancreatic Neoplasm: A Systematic Review

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PF-52

Autophagy Induction in Pancreatitis is Mediated Through Lysosomal Ca/Calcineurin Signaling Pathway

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PF-53

Growth Arrest Specific 5 (GAS5) as a Proliferation “Brake” in Aggressive Population of CD133+ Cells Responsible for Recurrence in PDAC

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PF-54

Age, but not Disease Duration, is Associated With Disability and Impaired Quality of Life in Patients Undergoing Total Pancreatectomy-Islet Autotransplantation in the POST Study.

K.R. McEachron, Y. Yang, M. Abu-El-Haija, D. Adams, S. Ahmad, A.N. Balamurugan, G.J. Beilman, S. Chinnakotla, D.L. Conwell, M.L. Freeman, T. Gardner, B. Hatipoglu, J. Hodges, M. Hughes, V. Kirchner, L.F. Lara, R. Mitchell, K. Morgan, J.D. Nathan, B. Naziruddin, A. Posselt, T.L. Pruett, V.K. Singh, K. Smith, J. Steel, M. Wijkstrom, P. Witkowski, M.D. Bellin. *University of Minnesota Minneapolis, M, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH, The Medical University of South Carolina, Charleston, SC, University of Cincinnati Medical Center, Cincinnati, OH, University of Louisville, Louisville, KY, The Ohio State University Medical Center, Columbus, OH, Dartmouth-Hitchcock Medical Center, Lebanon, NH, Cleveland Clinic, Cleveland, OH, Baylor Health, Dallas, TX,*

PF-55

A Novel Link Between Chronic Inflammation and Pancreatic Cancer

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PF-56

Effect of the Size and Type of the Periapillary Diverticulum on Post ERCP Pancreatitis

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PF-57

Efficacy of Sample Isolation Processing by Stereomicroscopy as a Novel Procedure in Endoscopic Ultrasound-Guided Fine-Needle Aspiration Biopsy for the Diagnosis of Malignant Neoplasms of the Pancreas

K. Okuwaki, M. Kida, H. Masutani, T. Kurosu, T. Iwai, H. Yamauchi, T. Kaneko, R. Hasegawa, E. Miyata, M. Watanabe, H. Imaizumi, W. Koizumi. *Department of Gastroenterology, Kitasato University School of Medicine, Kanagawa, Japan.*

PF-58

Clinical Predictors of Sarcopenia in Chronic Pancreatitis

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PF-59

Treatment Strategy of Pancreatic Neuroendocrine Tumors Suggested Based on Korean Multicenter Prognostic Factor Analysis

Notes

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PF-60

The Diagnostic Performance of new Torque Technique for EUS-guided Tissue Acquisition in Solid Pancreatic Lesions: A Multicenter Prospective Randomized Study

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PF-61

Canine Pancreatic Acinar Cell Butyrylcholinesterase (Pseudocholinesterase, BCHE) and Basolateral Exocytosis of Pancreatic Enzymes Inhibit Digestive Protein Synthesis in Response to Cholinergic Stimuli.

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PF-62

Activin A as a Prognostic Marker and Therapeutic Target in Acute Pancreatitis

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PF-63

The Treatment of Nanoparticle Albumin-bound Paclitaxel Plus Cisplatin for Pancreatic Squamous Cell Carcinoma Patient With BRCA2 Germline Mutation

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PF-64

Effectiveness of a Half-covered Metallic Stent for the Distal Bile Duct Stricture Due to Pancreatic Cancer.

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PF-65

The Utility of Endoscopic Treatment for Pancreatic Diseases in Patients with Surgically Altered Intestinal Anatomy

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PF-66

Diagnostic Efficacy of a Novel Franseen Needle in EUS-Guided Fine-Needle Aspiration Biopsy of Malignant Neoplasms of the Pancreas

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PF-67

On-site Stereo Microscope Quality Evaluations to Estimate White Core Cutoff Lengths via an Endoscopic Ultrasound-Guided Fine-Needle Aspiration Biopsy of Pancreatic Neoplasms with 22-Gauge Needles

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PF-68

The Organ Preservation in Pancreatic Surgery For Young Patients: Is there Better Method or Not?

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PF-69

Metabolic Syndrome Factors Synergize Each Other's Deteriorating Effect on the Outcome of Acute Pancreatitis

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PF-70

Gene Expression Signature Predicts Postoperative Recurrence of G1/G2 Pancreatic Neuroendocrine Tumors

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PF-71

Acute Obstructive Suppurative Pancreatic Ductitis (AOSPD) in Pancreatic Malignancies

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PF-72

Side to End Method of Endoscopic Double Stenting (EDS) for Malignant Biliary and Duodenal Obstructions is Safe and Easy for Re-intervention

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PF-73

Markers of Inflammation and Hemostasis for Prognosis of Organ Failure in Acute Pancreatitis

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PF-74

STAT3-p62 Signaling Pathway Mediates Accumulation of Ubiquitinated Protein Aggregates and Macrophage Infiltration in Experimental Pancreatitis Induced by Alcohol and Cigarette Smoke

Notes

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PF-75

Development and Clinical Translation of a Novel NIS-expressing Oncolytic Adenovirus as a Theranostic Tool for Pancreatic Cancer

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PF-76

Mutant Kras Co-opts a Progenitor-derived Enhancer Network to Initiate Pancreatic Tumorigenesis

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PF-77

Clinical Intervention of Ayurvedic Treatment in the Patients of Recurrent Acute/ Chronic Pancreatitis

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PF-78

Synchronous Portal or Superior Mesenteric Vein Resection During Pancreatectomy for Pancreatic Ductal Adenocarcinoma: A Single Center Study

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PF-79

Prognosis and Clinical Characteristics of Pancreatic Cancer Patients Diagnosed With EUS but Indeterminate on CT

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PF-80

Almost Half of the Patients With Diabetes, Referred for Unexplained Abdominal Pain, Have EUS Abnormalities in the Pancreas

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PF-81

Trehalose Alleviates Pancreatitis Through SNARE-ATGs Interaction That Rectified the Perturbed Autophagy

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PF-82

Development and Multicenter Validation of a Nomogram for Preoperative Prediction of Lymph Node Positivity in Pancreatic Cancer (NeoPangram)

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PF-83

Clinical Relevance Between Visceral Fat and Walled-off Necrosis After Severe Acute Pancreatitis

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PF-84

Efficacy of rTM for Elderly Patients Suffering From Pancreatic Cancer With DIC

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PF-85

Malignant Insulinoma: A Retrospective Study Analyzing the Distinct Clinicopathological and Prognostic Features

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PF-86

Genetics and Pancreatic Exocrine Status of Cystic Fibrosis Patients in Japan

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PF-87

Modified Wet Suction Technique Increase Histological Diagnostic Yield in Endoscopic Ultrasound Fine-Needle Aspiration

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PF-88

Laparoscopy-Assisted Middle Pancreatic Body-Preserving Subtotal Pancreatectomy for Multiple Pancreatic Neuroendocrine Tumors.

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PF-89

Genome Analysis With Whole Exome Sequencing to Identify Genetic Alterations in Patients With Idiopathic Pancreatitis

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PF-90

Overexpression of DCLK1-AL Increases Tumor Cell Invasion, Drug-resistance, Stemness, and Can be Targeted to Inhibit Tumorigenesis in Pancreatic Cancer

Notes

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PF-91

Hepatic Arterial Infusion Chemotherapy for Liver Metastases in Pancreatic Cancer Following the Standard Chemotherapy: A Case Report

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PF-92

Prospective Study of Prediction of Post-ERCP Pancreatitis by Post-ERCP Serum Amylase and Lipase Level

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PF-93

Can Transabdominal Ultrasonography Replace Endoscopic Ultrasonography in the Follow-up of Pancreatic Cystic Lesions?

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PF-94

Usefulness of Preoperative Endoscopic Ultrasound-guided Fine Needle Aspiration for Distal Pancreatic Cancer

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PF-95

Use of Nasopancreatic Drainage for Severe Post-Endoscopic Retrograde Cholangiopancreatography Pancreatitis; A Case Series

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PF-96

Usefulness of Endoscopic Ultrasonography-guided Pancreatic Duct Drainage for Patients in ERCP Failure With Pancreatitis Due to Obstruction of Pancreatic Duct

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PF-97

Invasion or Metastasis Inhibition in Pancreatic Cancer Using the Oral Iron Chelating Agent Deferasirox

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PF-98

Developing a Porcine Model to Study Pancreatic Cancer

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Notes

PF-99

Patients With Chronic Pancreatitis Referred for Pancreatic Endotherapy Suffer From Poor Quality of Life

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PF-100

Soy-tomato Enriched Diet Reduces Inflammation and Disease Severity in a Pre-clinical Model of Chronic Pancreatitis

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PF-101

Preoperative Clinicophysiological Findings as Prognostic Factors for Intraductal Papillary Mucinous Neoplasms

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PF-102

Lymph Node Ratio as Valuable Predictor in Pancreatic Cancer Treated with R0 Resection and Adjuvant Treatment

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PF-103

Identifying a Subgroup of PDAC Patients Benefiting From Extended Lymphadenectomy

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PF-104

A Randomized Prospective Comparison of SurePath With Conventional Smear Cytology for Endoscopic Ultrasound-guided Fine Needle Aspiration of Solid Pancreatic Masses

S.H. Lee, J.W. Chun, G. Huh, M.S. You, D.W. Ahn, W.H. Paik, J.K. Ryu, Y.T. Kim, H. Kim, K. Lee, Y.J. Hwang, K. Lee. *Department of Internal Medicine and Liver Research Institute, Seoul National University College of Medicine, Seoul, Korea; Department of Gastroenterology and Hepatology, SMG-SNU Boramae Medical Center, Seoul, Korea; Department of Pathology, Seoul National University Hospital, Seoul, Korea*

PF-105

The Poor Prognostic Factors and the Risk Classification in Patients With Resectable Pancreatic Ductal Adenocarcinoma.

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PF-106

Prevention of Post Endoscopic Retrograde Cholangiopancreatography: Urinastatin Versus Nafamostat Mesylate

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PF-107

Examining the Potential Oncogenic Function of Septins and Their Interaction With Chmp1A Tumor Suppressor in Pancreatic Cancer Cells

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PF-108

A Case of Unresectable Pancreatic Cancer with BRCA1 Gene Mutation Effectively Worked by Modified FOLFIRINOX After Gemcitabine Plus Nab-Paclitaxel Refractory

Notes

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PF-109

A Case Report: Pancreatic Cyst Infection Caused by Impacted Intra-cystic Stone in Chronic Pancreatitis

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PF-110

Oncogenic In-frame Deletion of BRAF Kinase in Pancreatic Ductal Adenocarcinoma

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PF-111

Depletion of Stromal Matrix Accelerates Tumor Progression in Pancreatic Ductal Adenocarcinoma

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PF-112

Endoscopic Treatment of Pancreatic Diseases Via Duodenal Minor Papilla

-About 131 Cases Treated by Sphincterotomy, Endoscopic Pancreatic Duct Balloon Dilation (EPDBD), and Pancreatic Stenting -

T. Tsuji, G. Sun, A. Sugiyama, Y. Amano, S. Mano, T. Shinobi, H. Tanaka, M. Kubochi, K. Ohishi, Y. Moriya, M. Ono, T. Masuda, H. Shinozaki, H. Kaneda, H. Katsura, T. Mizutani, K. Miura, M. Katoh, K. Yamafuji, K. Takeshima, N. Okamoto. *Saitama Cooperative Hospital, Gastroenterology, Japan Saitama City Hospital, Gastroenterology, Japan , Saitama City Hospital, Surgery ,Japan.*

PF-113

The CRP/Alb Ratio Predicts Survival and Monitors Chemotherapeutic Effectiveness in Patients With Advanced Pancreatic Cancer

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PF-114

Resection of Pancreatic Metastases From Renal Cell Carcinoma

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PF-115

Clinical and Morphological Background of Parenchyma-preserving Split-pancreas Technique in Chronic Pancreatitis Patients

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PF-116

Blood Levels of Adiponectin and IL-1Ra Could Facilitate Earlier Detection of PDAC by Distinguishing Individuals With Type 3c Diabetes From Those With Type 2 Diabetes

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PF-117

Patient-Derived Xenograft Organoid Based Drug Screening for the Identification of Novel Combined Therapeutic Strategies in Esophagogastric Adenocarcinoma

H. Kuasne, P. Pisano, H. Zhao, D. Zuo, V. Pilon, J. Berube, A. Monast, M. Issac, N. Bertos, S.D. Bailey, J. Cools-Lartigue, A.J. Bass, S. Camilleri-Broët, M. Park, L.E. Ferri, V. Sangwan. *Rosalind and Morris Goodman Cancer Research Center; Departments of Biochemistry, Pathology, Surgery, Medicine, McGill University, Montreal, Canada; Research Institute, McGill University Health Center, Montreal, Canada; Dana Farber Cancer Institute, Harvard University, Boston, Massachusetts, USA.*

PF-118

CDCA3 Promote Pancreatic Cancer Proliferation and Metastasis by Inhibited P53 Signal Pathway

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PF-119

Tumor-Targeted and Biocompatible XQ- MoSe₂@Gem NDs as a Dual-Modality Therapy Agent for Synergistic Photothermal Therapy and Chemotherapy in Pancreatic Ductal Adenocarcinoma

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PF-120

Combination Immunotherapy Targeting CD47 and PD-L1 Proteins Enhances Antitumor Responses in Pancreatic Cancer

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PF-121 Withdrawn

PF-122

Outcomes In Patients Undergoing A Pancreatectomy with or without Venous Resection For Pancreatic Cancer: A Systematic Review and Meta-Analysis

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PF-123

Pancreatic Adenocarcinoma Following Liver Transplantation: UNOS Data Analysis.

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PF-124

Efficacy of Recombinant Human Soluble Thrombomodulin (rTM) in Preventing WON in Severe Acute Pancreatitis Patients Using Inverse Probability of Treatment Weighting (IPTW) Method.

Notes

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PF-125

Targeting Sp1 To Impede Pancreatic Cancer Pathogenesis And Cancer-Associated Cachexia

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PF-126

Prediction of Tumor Prognosis of Pancreatic Neuroendocrine Tumors Using Image, Surgical and Pathologic Findings

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PF-127

Targeting the MEK and STAT3 Pathways in Combination With PD1 Blockade Immunotherapy in KRAS-mutant Pancreatic Cancer

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PF-128 Withdrawn

PF-129

Induced CD10 Expression During Monocyte to Macrophage Differentiation Identify a Different Subset of Macrophages in Pancreatic Cancer

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PF-130

Survival in Early Detected Pancreatic Cancer Gives a Glimpse Into the Promise of Early Detection

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PF-131 Withdrawn

PF-132

Early Detection of Familial Pancreatic Cancer Leads to Improved Survival: Retrospective Comparison of Clinically Vs. Early Detected Familial Pancreatic Cancer

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PF-133

Glycemic Profile of Subjects With Familial Pancreatic Cancer Compared to Sporadic Pancreatic Cancer

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Notes

PF-134

Diagnosis, Treatment and Long-term Prognosis for Type 1 Autoimmune Pancreatitis

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PF-135

Migration Signature Biomarker Panel Improves Gold Standard CA19-9 Performance for Detection of Early Stage Pancreatic Cancer in the Blood

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PF-136

Clinical Outcomes of Patients with Acute Pancreatitis and Co-Existing Cirrhosis

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PF-137

Mastl, a Novel Therapeutic Target for Pancreatic Cancer Progression

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PF-138

Clinical Outcomes Following Therapeutic ERCP in Children With Pancreas Divisum

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PF-139

Local and Systemic Immune Signature Differences During Acute, Recurrent Acute, and Chronic Pancreatitis Progression Using Mass Cytometry

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PF-140

Diverging Trends in Lifetime Drinking and Smoking Between Black and White Americans Diagnosed With Chronic Pancreatitis

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PF-141

Assessment of the Impact of Hypertriglyceridemia on Organ Failure During Acute Pancreatitis: A Different Perspective

Notes

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PF-142

Very High Rates of Pancreatic Fluid Collections in Patients with the Triad of Hypertriglyceridemia-induced Acute Pancreatitis and Diabetes Ketoacidosis.

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PF-143

Acute Pancreatitis Complicated by Pseudoaneurysm Carries a Higher Morbidity and Mortality: A Matched Case Control Study.

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PF-144

Pancreatitis Related Pseudoaneurysms: Systematic Review on Causes, Diagnosis and Management.

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PF-145

Viral-induced Acute Pancreatitis: A Systematic Review.

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PF-146

Pancreatic Tumor Microenvironment Elicits Innate Resistance to Erlotinib Through Stellate Cell-derived HGF

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PF-147

Survival of High Risk Individuals With Surveillance-Detected Ductal Adenocarcinoma

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PF-148

IGF2BP2 Regulates DANCER by Serving as an N6-methyladenosine Reader

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Notes

PF-149

Efficacy of Endoscopic Ultrasound-guided Drainage for Non-capsulated Postoperative Pancreatic Fistula

T. Tamura, M. Kitano, M. Kawai, K. Tanioka, M. Itonaga, Y. Kawaji, J. Nuta, K. Hatamaru, Y. Yamashita, Y. Kitahata, M. Miyazawa, S. Hirono, K. Okada, H. Yamaue. *Second Department of Internal Medicine, Wakayama Medical University, Wakayama, Japan; Second Department of Surgery, Wakayama Medical University, Wakayama, Japan; Clinical Study Support Center, Wakayama Medical University, Wakayama, Japan.*

PF-150

Chaiqin Chengqi Decoction Alleviates Acute Kidney Injury Following Acute Pancreatitis by Inhibiting Endoplasmic Reticulum Stress

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PF-151

Efficacy of Neoadjuvant Chemotherapy Using Gemcitabine and S-1 for Resectable and Borderline Resectable Pancreatic Cancer

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PF-152

Early Rapid Fluid Therapy is Associated With Increased Risk of Persistent Organ Failure in Acute Pancreatitis Patients With Hemoconcentration After Initial Management

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PF-153

Bone Morphogenetic Protein Receptor 2 Promotes Pancreatic Cancer Progression via the GRB2-Mediated PI3K-Akt-mTOR Pathway

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PF-154

The Usefulness of EUS-guided FNA for Histological Diagnosis of Autoimmune Pancreatitis: A Single-Center Retrospective Study

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PF-155

Exosomal miR-5703 Derived From Pancreatic Stellate Cells Promotes Pancreatic Cancer Growth Via Downregulating CMTM4

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Notes

PF-156

Chaiqin Chengqi Decoction Ameliorates Pain via Inhibition of SP-NK1R-mediated Neurogenic Inflammation in Experimental Acute Pancreatitis in Mice

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PF-157

LncRNA H19 Derived miR-675-3p Promotes Epithelial-Mesenchymal Transition in Human Pancreatic Cancer Cells by Targeting the STAT3 Pathway

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PF-158

Admission Stress Hyperglycemia Independently Associated With Worse Clinical Outcomes in Acute Pancreatitis

R. Zhang, L. Deng, T. Jin, P. Zhu, L. Li, X. Yang, K. Jiang, J. Guo, X. Yang, T. Liu, A.R. Philips, R. Mukherjee, V.K. Singh, J.A. Windsor, R. Sutton, Q. Xia, W. Huang. *Department of Integrated Traditional Chinese and Western Medicine, Sichuan Provincial Pancreatitis Center and West China-Liverpool Biomedical Research Centre, West China Hospital, Sichuan University, Chengdu; Applied Surgery and Metabolism Laboratory, School of Biological Sciences, University of Auckland, Auckland, New Zealand; Liverpool Pancreatitis Research Group, Royal Liverpool University Hospital and Institute of Translational Medicine, University of Liverpool, Liverpool, United Kingdom; Pancreatitis Center, Division of Gastroenterology, Johns Hopkins Medical Institutions, Baltimore, USA; Surgical and Translational Research Centre, Faculty of Medical and Health Sciences, University of Auckland, Auckland, New Zealand.*

PF-159

Risk Factors of R1 Resection in Patients With Pancreatic Ductal Adenocarcinoma

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PF-160

Lrig1 in Pancreatic Duct Glands Determines Epithelial to Mesenchymal Transition in Regeneration and Cancer

P. Mondal, V. Kansal, D. Maroni, K.L. McAndrews, P. Grandgenett, M.A. Hollingsworth, J.D. Price, S. Thayer. *Division of Surgical Oncology, Department of Surgery, Fred and Pamela Buffet Cancer Center and Eppley Institute for Research in Cancer and Allied Diseases; University of Nebraska Medical Center, Omaha, NE.*

PF-161

Genome-wide Profiling of Circulating Tumor DNA Depicts Copy Number Landscape and Informs Tumor Burden in Metastatic Pancreatic Cancer

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Notes

PF-162

Prognostic Factors for the Success of Neoadjuvant Therapy in Initially Locally Advanced Pancreatic Cancer Patients

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PF-163

Primary Research in the Function and Mechanism of Erbb3 Activated Mutations in Malignant Progression of PDAC

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PF-164

Outcomes of Total Pancreatectomy With Islet Autotransplantation (TPIAT): A Systematic Review and Meta-analysis

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PF-165

Acute Pancreatitis CT Severity Index (CTSI) vs. Modified CT Severity Index (MCTSI) for the Prediction of Severe Acute Pancreatitis: A Systematic Review and Meta-analysis

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PF-166

Synthetic Lethality in non-BRCA Mutant Pancreatic Cancer with Codelivery JQ1 and Olaparib via a Plectin-1 Targeting Peptide Nanoparticles

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PF-167

Epidermal Growth Factor Receptor Targeting Peptide Nanoparticles Simultaneously Deliver Gemcitabine and Olaparib to Treat Pancreatic Cancer with *Breast Cancer 2 (BRCA2)* Mutation

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PF-168

The Expression Profiles and the Prognostic Study of Galectins Family in Pancreatic Ductal Adenocarcinoma

G. Yang, H. Tian, A.A. Liu, D.L. Chen, L. Tang, L.G. Shi, Z.P. Fu, X. Liang, M. Ji, C.H. Shao, *Department of General Surgery, Changzheng Hospital, Navy Medical University, SHANGHAI, CN*

PF-169

Galectin-4 Induced Cell Growth and Proliferation in Pancreatic Cancer

H. Tian, G. Yang, A.A. Liu, D.L. Chen, L. Tang, L.G. Shi, Z.P. Fu, X. Liang, M. Ji, C.H. Shao, *Department of General Surgery, Changzheng Hospital, Navy Medical University, SHANGHAI, CN*

PF-170

Diabetes in Intraductal Papillary Mucinous Neoplasms: Prevalence and Prediction of Malignancy - A Systematic Review and Meta-analysis

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PF-171

Randomized Clinical trial of Duct-to-mucosa versus Invagination Pancreaticojejunostomy After Pancreatoduodenectomy.

Notes

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PF-172

ITRAQ-2DLC-MS/MS Based Quantitative Proteomic Analysis Identifies WDR1 as Putative Biomarker of Tumor Progression in Pancreatic Cancer

H.C. Li, X.H. Liu, S.H. Jiang, X.W. Zhou, L. Yao, Y. Di, Y.J. Jiang, J.C. Gu, Y.S. Mao, J. Li, C. Jin, P.Y. Yang, D.L. Fu. *Department of Pancreatic surgery, Huashan Hospital, Fudan University, Shanghai, P.R.China; Institutes of Biomedical Sciences, Fudan University, Shanghai, P.R.China; State Key Laboratory of Oncogenes and Related Genes, Shanghai Cancer Institute, Ren Ji Hospital, School of Medicine, Shanghai Jiao Tong University, Shanghai, P.R. China.*

PF-173

YAP1 Overexpression Enhances the Aerobic Glycolysis Process via Suppression of EGLN2 in Pancreatic Ductal Adenocarcinoma

P.F. Hu, Y. Liang, Z.W. Cai, H.W. Wang, C.Y. Jiang, W. Wang. *Department of General Surgery, Huadong Hospital, Fudan University, Shanghai, CHN.*

PF-174

Seasonal Influence on the Incidence of Acute Pancreatitis: A Single Center Study in Northeast China

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PF-175

Circulating Tumor DNA in Prediction of Prognosis and Response to Nab-paclitaxel Based First-line Chemotherapy in Metastatic Pancreatic Cancer

S. Guan, Q. Han, J. Li, Y. Lv, H. Yan, L. Han, Y. Chen, N. Qian, Z. Wang, H. Shi, Y. Shi, G. Dai. *Department of Medical Oncology and Pathology, the First Medical Center, Chinese PLA General Hospital, Beijing, P.R. China.*

PF-176

A New Model of Perineural Invasion in Pancreatic Cancer

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PF-177

The EGFR-HSF1 Axis Accelerates the Tumorigenesis of Pancreatic Cancer

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PF-178

BZW1 Facilitates Pancreatic Ductal Adenocarcinoma Growth Through Potentiating HIF1 α /c-MYC IRES-dependent Translation

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PF-179

Effect of Platelet Inhibition with Perioperative Aspirin on Survival in Patients Undergoing Curative Resection for Pancreatic Cancer

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Notes

PF-180

Analysis of Phosphorylated Smad3 Signaling in the Intraductal Papillary Mucinous Neoplasm of the Pancreas

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PF-181

Sub-adventitial Divestment Technique for Artery-involved Pancreatic Cancer: Safety and Oncological Efficacy

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PF-182

New-onset Diabetes Mellitus After Distal Pancreatectomy: Prevalence and Risk-forecasting

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PF-183

Comparison Between the Efficacy of Radial- and Convex-Arrayed Echoendoscopes for Indirect Findings of Pancreatic Cancer at an Early Stage

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PF-184

Resveratrol Enhances the Chemotherapeutic Response and Restrains the Stemness in Pancreatic Cancer Cells by Targeting SREBP1

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PF-185

Fatostatin Inhibits Tumorigenesis and Tumor Growth of Pancreatic Cancer by Targeting SREBP1

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PF-186

High Glucose Microenvironment Accelerates Tumor Growth via SREBP1-autophagy Axis in Pancreatic Cancer

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PF-187

Participation of The Pancreatic Acinar Cell RREB1/Exosome MiR-130a/Pancreatic Stellate Cell PPAR- γ Pathway in The Regulation of Pancreatic Stellate Cell Activation

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PF-188

Risk Factors of Multi-drug Resistant Pathogens Induced Infection in Severe Acute Pancreatitis

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Notes

PF-189

Risk Factors of Surgical Necrosectomy After Percutaneous Catheter Drainage for Necrotizing Pancreatitis

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PF-190

Nitric Oxide Induces Acute Pancreatitis Pain by Activating the NF- κ B Pathway

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PF-191

Honokiol Suppresses Perineural Invasion of Pancreatic Cancer by Interfering Cross-Talk between Tumor and Stroma

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PF-192

Inhibition of SREBP1 Suppresses Perineural Invasion in Pancreatic Ductal Adenocarcinoma

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PF-193

Metabolic Crosstalk Between Adipocytes and Pancreatic Cancer Cells: a Potential Mechanism for Cancer-Induced Diabetes Mellitus

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PF-194

MiR-485 Inhibits Epithelial-Mesenchymal Transition, Migration and Invasion of Pancreatic Cancer Cells by Directly Repressing PAK1

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PF-195

Correlation Analysis of Clinical Pathological Features and Computed Tomography Features in Pancreatic Neuroendocrine Neoplasms (pNENs)

C.H. Shao, C.W. Shao, J.T. Tang, A.A. Liu, D.L. Chen, L. Tang, L.G. Shi, Z.P. Fu, X. Liang, M. Ji, G. Yang, C.H. Shao. *Department of General Surgery, Changzheng Hospital, Navy Medical University, SHANGHAI, CN; Department of Radiology, Shanghai Hospital, Navy Medical University, SHANGHAI, CN;*

PF-196

hENT-1 Expression in Circulating Tumor Cells is a Potential Predictive Biomarker of Gemcitabine Outcome in Pancreatic Cancer Patients

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PF-197

Investigation of Morphological and Functional Changes of Liver and Pancreas With Bevacizumab

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PF-198

Thromboembolic Events in Acute Pancreatitis

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PF-199

Gastrointestinal Bleed After Total Pancreatectomy Islet Auto Transplant

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