48TH ANNUAL MEETING

American Pancreatic Association

November 8 - 11, 2017 | San Diego, California
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MESSAGE FROM THE PRESIDENT

Dear Friends: On behalf of our society’s governing board and our organizing committees, I am honored to welcome you back to San Diego for the 48th Annual Meeting of the American Pancreatic Association. In recent years APA membership overwhelmingly supported the selection of meeting locations with warm weather, palm trees and sandy beaches, so here we go again. This wonderful venue is complemented by an exciting program supported by nearly 300 abstract submissions from 24 different countries. The program selection committees put together a diverse and stimulating program that highlights recent developments in clinical and basic research on acute and chronic pancreatitis and pancreatic cancer. I am proud to say that pediatric pancreatitis will also receive special emphasis with expert speakers contributing to several sessions. The pre-meeting symposium this year is entitled “Pancreatitis: Innovations and Emerging Research in a Complex Disease” and it brings together experts from all segments of pancreatitis research to discuss recent achievements and remaining knowledge gaps in the field. We are particularly thrilled to showcase NIDDK-sponsored research programs on pancreatitis, and we hope this symposium will also help us draw attention to the urgent need for more young investigators in this area of research. The main meeting will utilize the traditional formats of abstract-driven sessions and mini-symposia to cover a variety of basic and clinical problems related to the diseases of the pancreas. Cutting-edge topics will be addressed such as the role of precision medicine in pancreatitis management, imaging and radiomics in pancreatic cancer, novel therapeutic targets in pancreatitis, and immunotherapy in pancreatic cancer. Probably our most anticipated program point will be the clinical controversy session in which four dedicated experts will debate the contentious issue of whether or not we can diagnose early chronic pancreatitis. No matter how heated the discussions may become, we can always come together and find common ground over the many meals and social programs the APA meetings always offer and this year will be no exception. Finally, we are immensely grateful to our sponsors and we extend our thanks to the APA Board, the program committees, APA secretary Ashok K. Saluja and the APA office for their hard work and dedication that ultimately made this fantastic meeting happen. We all hope you will have a great time here in San Diego.

Miklos Sahin-Toth, MD, PhD
President, American Pancreatic Association
Professor, Department of Molecular and Cell Biology
Boston University Henry M. Goldman School of Dental Medicine
Boston University Medical Campus
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 27.25 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. Recognize the role and effects that digestive enzyme and subcellular organelle disorders in pancreatitis.
2. Apply current medical, endoscopic, and surgical management practices of Pancreatitis and pancreatic cancer.
3. Incorporate currently ongoing cutting-edge clinical and basic sciences projects funded by the NIH that directly address the pathology and management of acute and chronic pancreatitis and pancreatic cancer.
5. Implement the latest research on immunobiology and immunotherapy of pancreatic adenocarcinoma.
6. Assess the potential benefits of biomarkers for the early detection of pancreatic cancer
7. Compare and contrast the varying options for the prevention of post-ERCP Pancreatitis.
8. Discuss the most up to date research on the causes of acute and chronic pancreatitis.
9. Explain how diabetes affects both chronic pancreatitis and pancreatic cancer. Attendees will gain the knowledge of chronic pancreatitis to pancreatic cancer including how diabetes affects both diseases.
10. Evaluate latest clinical trials evidence on the immunobiology of pancreatic cancer and immunotherapy clinical trials in the field.

DOCUMENTATION OF ATTENDANCE FOR CME
1. Sign in at Registration desk
2. A link will be emailed to you after the conference in order to complete the Credit Adjustment Form and conference evaluation
3. Certificates of Attendance will be available immediately after completing the above

EVALUATIONS & CREDIT ADJUSTMENT FORM
Conference evaluations are a valuable tool in assisting to better serve you. An e-mail with a link to the electronic evaluation form and credit adjustment form will be sent to you at the end of the program. Please complete your evaluation form on-line. We welcome your comments and suggestions. An outcome evaluation will be conducted 2 to 3 months following the course to measure the impact this activity has had in changing performance and patient outcomes. We encourage and appreciate your participation.
FACULTY DISCLOSURE PAGE

Disclosure and Conflict of Interest Resolution Statement
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.

SUPPORTERS
The American Pancreatic Association would like to extend our gratitude and appreciation to the following organizations for their support of this meeting through educational grants:

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Vay Liang W. Go, Pancreas Journal

EXHIBITORS
The American Pancreatic Association would like to thank the following companies for providing marketing and exhibit support:

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Please visit our exhibitors’ booths in the Commodore Foyer
YOUNG INVESTIGATOR AWARD WINNERS

Venkata Akshintala
Ji Young Bang
Parthasarathy Chandrakesan
Subhankar Dolai
Luis Flores
Alexander Gaidarski
Bhuvan Giri
Vineet Gupta
Song Han
Audrey Hendley
Cheng Hu
Elaina Jones
Joerg Kaiser
Ayesha Kamal
Saswati Karmakar
Kazuhiro Koikawa
Purushottam Lamichhane
Mingyang Liu
Zipeng Lu
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Dora Mosztbacher
Dhruvika Mukhiya
Balazs Nemeth
Avinoam Nevler
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Lucy Oldfield
Salvatore Paiella
He Ren
Mizuho Sato-Dahlman
Zachary Sellers
Ayush Sharma
Kamini Singh
Jonas Staudacher
Ajay Sud
Kenji Takahashi
Carolina Torres
Fons Van den Berg
Dagny Von Ahrens
Danlu Wang
Li Wen
Dylan Williams
Zilong Yan
Ruwen Zhang

ABSTRACT SELECTION COMMITTEE
The APA Board would like to thank the reviewers of over 300 abstracts received:

Sulagna Banerjee - University of Miami
Howard Crawford - University of Michigan
Vikas Dudeja - University of Miami
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Christopher Wolfgang – Johns Hopkins
Bechien Wu – Kaiser Permanente
Yianjun Yu -Fudan University, China
MEETING AT A GLANCE

WEDNESDAY, NOVEMBER 8
7:00 a.m. - 8:00 a.m.        Breakfast
8:00 a.m. - 3:30 p.m.       Pre-Meeting - Pancreatitis: Innovation and Emerging Research in a Complex Disease
12:00 p.m. - 1:00 p.m.      Lunch
5:00 p.m. - 7:00 p.m.       Hirshberg Opening Symposium: The Future of Pancreatic Cancer: From Mechanisms to Therapy
7:00 p.m. - 9:00 p.m.       Presidential Reception

THURSDAY, NOVEMBER 9
7:00 a.m. - 8:15 a.m.       Breakfast & Poster Viewing
8:15 a.m. - 10:00 a.m.      Abstract Session: Pancreatic Cancer
10:15 a.m. - 11:40 a.m.     MiniSymposium: Novel Therapeutic Targets in Pancreatitis
11:40 a.m. - 12:10 p.m.     Paul Webster Clinical State of the Art Lecture
12:10 p.m. - 2:00 p.m.      Lunch & Poster Session
2:00 p.m. - 3:00 p.m.       Abstract Session: Pancreatitis
3:00 p.m. - 4:20 p.m.       MiniSymposium: Imaging the Pancreas
4:40 p.m. - 6:00 p.m.       Mini Symposium: Precision Medicine in Pancreatitis Management
7:00 p.m. - 10:00 p.m.      Reception & Awards Dinner

FRIDAY, NOVEMBER 10
7:00 a.m. - 8:00 a.m.       Breakfast & Poster Viewing
8:00 a.m. - 9:30 a.m.       Abstract Session: Pancreatitis
9:30 a.m. - 10:00 a.m.      Frank Brooks State of the Art Lecture
10:15 a.m. - 12:00 p.m.     Mini Symposium: Fibrosis in Pancreatic Diseases: Friend or Foe?
12:00 p.m. - 2:00 p.m.      Lunch & Poster Session
2:00 p.m. - 2:30 p.m.       Business Meeting
2:30 p.m. - 3:30 p.m.       Mini Symposium: From Radiology to Radiomics in Pancreatic Cancer
3:45 p.m. - 5:00 p.m.       Mini Symposium: Controversies in Clinical Pancreatology: Can We Define Early CP?
5:00 p.m. - 6:30 p.m.       Parallel Session: Clinical Science Abstracts
                            Parallel Session: Basic Science Abstracts
                            Women in Pancreas Reception & Dinner
7:00 p.m.

SATURDAY, NOVEMBER 11
7:00 a.m. - 8:00 a.m.       Breakfast
8:00 a.m. - 9:30 a.m.       Abstract Session: Pancreatic Cancer
9:30 a.m. - 10:30 a.m.      MiniSymposium: Immunotherapy in Pancreatic Cancer
10:45 a.m. - 12:00 p.m.     MiniSymposium: Clinical Trials in Pancreatitis
12:00 p.m. - 1:00 p.m.      MiniSymposium: PanCan Young Investigators
1:00 p.m.                   Lunch

ONSITE REGISTRATION HOURS
Location | Commodore Foyer
Wednesday, 11/8       7am – 7pm
Thursday, 11/9        7am – 5pm
Friday, 11/10         7am – 5pm
Saturday, 11/11       7am – 12pm
SOCIAL EVENTS

PRESIDENTIAL RECEPTION
Wednesday, November 8 | 7:00 pm – 9:00 pm Location | Bay Terrace

The Presidential Reception is held in honor of APA President Miklos Sahin-Toth.

AWARDS DINNER & RECEPTION
Thursday, November 9 | 7:00 pm – 10:00 pm
Reception 7:00 pm – 8:00 pm Location | Bay Terrace
Dinner 8:00 pm – 10:00 pm Location | Commodore CDE

The following awards will be presented: Hirshberg Foundation and National Pancreas Foundation Awards for Best Abstracts in Pancreatitis and Pancreatic Cancer, Kenner Family Research Fund for Best Abstract in Early Detection in Pancreatic Cancer, the Distinguished Service and the Vay Liang & Frisca Go Award for Lifetime Achievement along with felicitation of Young Investigators awardees.

WOMEN IN PANCREAS RECEPTION & DINNER
Friday, November 10, 7:00 pm
Reception Location | Bay Terrace
Dinner Location | Constellation B

All women registered are invited to attend this event. RSVPs are requested; contact the reservation desk. Keynote Speaker is Sheila E. Crowe, MD, FRCPC, FACP, FACG, AGAF, University of San Diego

APA FOUNDATION

The American Pancreatic Association Foundation was officially launched in 2013 with the goal of providing charitable, educational and research support for American Pancreatic Association's initiatives and missions. It was incorporated in the state of Minnesota as a 501(c)3 organization. The APA Foundation Inaugural Board of Directors consists of Dr. Steve Pandol, Dr. Ed Bradley, Dr. William Chey, Ms. Agi Hirschberg, Dr. Barbara Kenner, Dr. Howard Reber, Dr. Peter Banks, Dr. Andrew Warshaw, Dr. Paul Webster, and Dr. Ed Purich. Dr. Ashok K. Saluja serves as treasurer, and Dr. Vay Liang W. (Bill) Go is Chair of the Board. The Board started to function in 2014. The APA Foundation contributed to the APA 2017 Young Investigators in Pancreatitis Grant Program.

The future of our society and its mission as well as the development of our discipline is in our own hands. Please consider contributing to the APA Foundation by sending a check to Dr. Ashok K. Saluja.

American Pancreatic Association
PO Box 352406
Miami, FL 33135
DISTINGUISHED SERVICE AWARD

JULIE FLESHMAN, JD, MBA
President and CEO, Pancreatic Cancer Action Network

The Pancreatic Cancer Action Network is a nonprofit, 501(c)(3) nationwide network of people dedicated to fighting the world’s toughest cancer. Founded by a group of pancreatic cancer survivors and caregivers in 1999, the organization relentlessly pursues its mission by implementing an aggressive and comprehensive strategy of research, patient support, advocacy and awareness. The Pancreatic Cancer Action Network is headquartered in Manhattan Beach, Calif., and also staffs a Washington, D.C. and New York City office.

Julie Fleshman became the organization’s first full-time staff person and its first Executive Director in April 2000. Having lost her father to pancreatic cancer in 1999, she has made it her passion and commitment to change the course of the disease. In July 2004, the Board of Directors appointed Fleshman President and CEO. Under her leadership, the Pancreatic Cancer Action Network has grown from a staff of one with revenues of $228,000 to a staff of over 140 with a budget of more than $38 million.

Today, Fleshman is a sought-after speaker with considerable experience addressing diverse stakeholder groups, including Congress, industry, patients, scientists, donors and volunteers. She has also been interviewed by national media such as The New York Times, CNN, Headline News and ABC News as well as local press throughout the country.

Fleshman has spearheaded the charge to ensure the Pancreatic Cancer Action Network achieves its goal to double pancreatic cancer survival by 2020. Her leadership has driven consistent excellence and innovation throughout the programs and services of the organization, including introducing precision medicine service Know Your Tumor® and Precision PromiseSM, the first large-scale adaptive clinical trial for pancreatic cancer. At the same time, she has steadily increased revenue growth and the organization’s impact. Under her direction, the organization has greatly expanded and attracted leading researchers from prestigious institutions around the country to study pancreatic cancer.

During Fleshman’s tenure, advocacy and grassroots efforts have expanded to over 60 affiliates nationwide and yielded a $100 million increase in federal funding for pancreatic cancer research. The organization has awarded 159 pancreatic cancer research grants totaling over $40 million to researchers at institutions around the country. And more than 165,000 pancreatic cancer patients and their families nationwide have been served by the organization’s patient services program.

Fleshman holds her JD and MBA degrees from Santa Clara University and a BA from the University of California, Santa Barbara, where she graduated Magna Cum Laude. She also studied abroad at Oxford University and in Tokyo, Japan. Fleshman has been honored for her leadership and dedication in the fight against pancreatic cancer by many organizations. She serves on the boards of several cancer care and research committees and organizations, recently completing her term as a patient advocate on the National Cancer Institute’s Pancreas Task Force, and she has been published in multiple research journals. Most recently, she was asked to join the FasterCures Patients Count Leadership Council and to serve on the NCI Council of Research Advocates to provide advice to the NCI Director with respect to promoting research outcomes that are in the best interest of cancer patients. In addition, Fleshman is the Chair of the World Pancreatic Cancer Coalition, a coalition of more than 60 pancreatic cancer organizations representing 27 countries around the globe.
VAY LIANG & FRISCA GO AWARD FOR LIFETIME ACHIEVEMENT

RODGER A. LIDDLE, MD

Dr. Liddle received his undergraduate degree from the University of Utah and medical degree from Vanderbilt University. He performed his internship and residency in Medicine at the University of California, San Francisco (UCSF). He was a fellow in Gastroenterology at UCSF where he also performed his postdoctoral research training in the laboratory of John A. Williams (former APA president and Go Lifetime Achievement Awardee). Dr. Liddle has served on the faculties of UCSF and Duke University and is currently Professor of Medicine at Duke University Medical Center.

At Duke, Dr. Liddle has held numerous leadership positions, including Chief of the Gastroenterology Division at Duke University Medical Center. He has also served as Chief of Gastroenterology and Associate Chief of Medicine at the Durham VA Medical Center. Dr. Liddle is an internationally recognized investigator in the physiology of the gastrointestinal tract and pancreas and has had continuous NIH research funding for over 30 years. He is a member of Alpha Omega Alpha, the American Society for Clinical Investigation and the Association of American Physicians. Dr. Liddle is author of over 200 peer reviewed scientific articles and book chapters. Dr. Liddle’s laboratory focuses on the regulation of gastrointestinal hormones, pancreatic physiology, and experimental models of pancreatitis.

While in the laboratory of John Williams, Dr. Liddle established a reliable bioassay for measuring blood levels of cholecystokinin (CCK). Consequently, he was able to ascertain the physiologic actions of CCK in animals and humans. This work led to studies on pancreatic physiology and experimental models of pancreatitis. Since then he has led programs on the role of trypsin and trypsin inhibitors in the pathogenesis of pancreatitis, the role of neurogenic influences on pancreatic inflammation, and the role of mechanically sensitive ion channels in the pancreas to explain how pressure causes pancreatitis.

Dr. Liddle has served on numerous NIH and VA study sections, national professional committees and editorial boards. He was Associate Editor of Gastroenterology (2001-2006), Senior Associate Editor of the American Journal of Physiology (2009-2012), Associate Editor of the Journal of Clinical Investigation (2012-2017) and is currently Associate Editor of JCI Insight. He has chaired the Pancreatic Section of the AGA Council and most importantly served as president of the American Pancreatic Association in 2012.

Dr. Liddle owes his investigative career to the mentorship and guidance of John Williams, whose laboratory embodied scientific rigor and enthusiasm for pancreatic investigation. Out of John’s laboratory came many colleagues whose careers have also been devoted to the pancreas; including past APA presidents Murray Korc and Craig Logsdon.

Dr. Liddle has been supported throughout his career by his wife and family. He and Joanne have been blessed with three lovely children, Emily, Sloane, and Patrick, and (as of this writing) five wonderful grandchildren.
PANCREATITIS: INNOVATION AND EMERGING RESEARCH IN A COMPLEX DISEASE
Program Committee Chairs | Miklos Sahin-Toth and Darwin L. Conwell
Program Committee | Anna Gukovskaya, Martin L. Freeman, Markus M. Lerch and Sohail Husain

APA PRE-MEETING | San Diego 2017
Wednesday, November 8
Commodore Ballroom AB

7:00 – 8:00am  Breakfast | Non-CME event
Location | Avalon

8:00 – 8:10am  Introduction | Miklos Sahin-Toth, MD, PhD and Darwin L. Conwell, MD, MS

8:10 – 9:50am  Organelle and Digestive enzyme dysfunction in pancreatitis
Chairs | Rodger A. Liddle, MD and Aida Habtezion, MD

State of the Art Lecture
Ashok K. Saluja, PhD, University of Miami Miller School of Medicine
Pancreas, Fear One Thing: Fear Cathepsin B

Stephen J. Pandol, MD, Cedars-Sinai Medical Center
Why Does the Combination of Alcohol Abuse and Smoking Cause Your Pancreas to Hurt?

Jonas Rosendahl, MD, University Halle-Lutherstadt Wittenberg, Halle, Germany
Genetic Risk in Pancreatitis: GWAS and Beyond

Mark E. Lowe, MD, PhD, Washington University School of Medicine
Dysfunctional Lipase Variants and Chronic Pancreatitis

Miklos Sahin-Toth, MD, PhD, Boston University
Mouse Models of Trypsin-Dependent Pancreatitis

9:50 – 10:10am  Break
Location | Commodore Foyer

10:10 – 12:00pm  Natural History and Intervention Strategies in Pancreatitis
Chairs | Rafaz Hoque, MD and Baoan Ji, MD, PhD

State of the Art Lecture
Dhiraj Yadav, MD, MPH, University of Pittsburgh School of Medicine
Using Natural History to Inform Intervention Studies in Pancreatitis: Challenges and Opportunities

Martin L. Freeman, MD, University of Minnesota
Endoscopic Interventions in Pancreatitis: What’s New?

Philip Hart, MD, Ohio State University Wexner Medical
Clinical Trials in Chronic Pancreatitis: Challenges and Opportunities
Gregory Beilman, MD, University of Minnesota
*Is Surgery the Right Approach for Chronic Pancreatitis?*

Maisam Abu-El-Haija, MD, Cincinnati Children’s Hospital
*Acute Pancreatitis in Children: The Time is Now for Acute Awareness*

12:00 – 1:00pm  Lunch | *Non-CME event*
Location | *Bay Terrace*

1:00 – 1:20pm  **State of the Art Lecture**
Introduction | Miklos Sahin-Toth, MD, PhD

Peter Hegyi, MD, PhD, DSc, University of Pecs, Hungary
*The Importance of Energy in Acute Pancreatitis: From Mitochondrial Injury to Patient Care*

1:30 – 3:30pm  **Innovative Research and Future Directions: NIDDK Funded Studies**
Chairs | Fred S. Gorelick, MD and Zobeida Cruz-Monserrate, PhD

Introduction | Jose Serrano, MD, PhD, National Institutes of Health

Anna Gukovskaya, PhD, University of California Los Angeles and Veterans Affairs of Greater Los Angeles Healthcare System
*Acinar Cell Organelle Disorders Drive Pancreatitis*

Gregory Cote, MD, Medical University of South Carolina
*The Division Over Pancreas Divisum: Seeking an Evidence Base for an Iconoclastic Issue*

Craig Logsdon, PhD, MD Anderson Cancer Center
*Who Knew Pancreatitis Was so Complicated*

Melena Bellin, MD, University of Minnesota Medical Center
*What Have We Learned About TPIAT? Engaging a Select Population in Clinical Research*

Beatriz Sosa-Pineda, PhD, Northwestern University Feinberg School of Medicine
*Prox1-Mediated Regulation of Pancreatic Acinar Development and Homeostasis*

Farzad Esni, PhD, University of Pittsburgh
*Genomic Characterization of the Pancreatitis-Induced Metaplastic Duct Cells*
THE AMERICAN PANCREATIC ASSOCIATION’S

48th Annual Meeting

WEDNESDAY, November 8
Commodore Ballroom CDE

5:00 – 7:00 pm  Hirshberg Symposium: The Future of Pancreatic Cancer: From Mechanisms to Therapy
Chairs | O. Joe Hines, MD and Anil K. Rustgi, MD

Geoffrey Wahl, PhD, Salk Institute for Biological Studies
Tuft Cells as Immune Modulators in Pancreatitis and Pancreatic Tumorigenesis

Timothy Donahue, MD, University of California Los Angeles
Surgery of Pancreatic Cancer

Margaret Tempero, MD, University of California San Francisco
Navigating the Therapeutic Landscape of Pancreatic Cancer

Andre Nel, MD, PhD, UCLA
Nanotechnology Platform for Drug Delivery and Immunotherapy of Pancreatic Cancer

7:00 – 9:00pm  Presidential Reception| Non-CME event
Location | Bay Terrace

THURSDAY, November 9
Commodore Ballroom CDE

7:00 – 8:15am  Breakfast & Poster Viewing
Breakfast| Non-CME event
Location | Pavilion

Poster Viewing
Location | Pavilion

8:15 – 10:00am  Pancreatic Cancer Abstract Session
Location | Commodore Ballroom CDE
Chairs | Sulagna Banerjee, PhD and Martin Fernandez-Zapico, MD

Keynote Speaker
George Miller, MD, New York University School of Medicine
Novel Ways to Reprogram Macrophages in Pancreatic Cancer
Comprehensive Genomic Profiling of 3,426 Pancreatic Ductal Adenocarcinomas Identifies a Subset of Patients With Potentially Targetable Alterations
1Department of Pathology, University of Pittsburgh, Pittsburgh, PA; 2Foundation Medicine, Inc., Cambridge, MA; 3University of Pittsburgh Medical Center, Pittsburgh, PA; 4Medical College of Wisconsin, Milwaukee, WI.

A System Biology Approach via Connectivity Mapping (CMAP) to Identify New Therapeutic Targets Against Lethal Pancreatic Cancer
1Biochemistry and Molecular Biology, UNMC, Omaha, NE; 2School of Interdisciplinary Informatics, College of Information Science and Technology, University of Nebraska Omaha, Omaha, NE.

Defining DDR Defectiveness and Replication Stress in Pancreatic Cancer
1Wolfson Wohl Institute of Cancer Sciences, University of Glasgow, Glasgow, United Kingdom; 2Glasgow Royal Infirmary, West of Scotland Pancreatic Unit, Glasgow, United Kingdom; 3South Western Sydney Clinical School, Faculty of Medicine, University of New South Wales, Sydney, Australia

Therapeutic Targeting of MLL3 Mutant Pancreatic Cancer
1Pathology, The UT MD Anderson Cancer Center, Houston, TX; 2MD Anderson Cancer Center, Houston, TX.

Locally Dysregulated Serotonin System Enhances Warburg Effect to Support Pancreatic Cancer Survival under Metabolic Stress
Z. Zhang
State Key Laboratory of Oncogenes and Related Genes, Shanghai Cancer Institute, Ren Ji Hospital, School of Medicine, Shanghai Jiao Tong University, China

Screening for Pancreatic Cancer in New-Onset Diabetes May Identify 20% of Incident Cases: A Population Based Study
1Gastroenterology and Hepatology, Mayo Clinic, Rochester, MN; 2Department of Health Sciences Research, Mayo Clinic, MN.

Gut Microbiome Depletion Decreases Tumor Burden in Murine Models of Pancreatic Cancer
10:00 – 10:15am
Break
Location | Commodore Foyer

10:15 – 11:40am
**MINI SYMPOSIUM: Novel Therapeutic Targets in Pancreatitis**
Location | Commodore Ballroom CDE
Chair | Barbara H. Jung, MD and Joachim Mössner, MD

Julia V. Mayerle, MD, Ludwig-Maximilians-Universität, Munich, Germany
*Protease inhibition for the Treatment of Pancreatitis: A Concept to be Revisited?*

Robert Sutton, BA, MB, BS, DPhil, FRCS, University of Liverpool, UK
*Drugs for Pancreatitis: Progress and Prospects*

Sohail Z. Husain, MD, Children’s Hospital of Pittsburgh of UPMC
*Targeting the Calcium Effector Calcineurin in Pancreatitis*

Atsushi Masamune, PhD, Tohoku University, Sendai, Japan
*Using Genetics to Identify Novel Therapeutic Targets in Pancreatitis*

Vijay P. Singh, MBBS, Mayo Clinic College of Medicine
*When the Oils we Love Fuel the Fire Within: Lessons from Severe Pancreatitis*

11:40-12:10 pm
**Paul Webster Clinical State of the Art Lecture**
Location | Commodore Ballroom CDE
Introduction | Ashok K. Saluja, PhD

Markus M. Lerch, MD, Ernst-Moritz-Arndt-University Greifswald, Germany
*The Shifting Landscape of Pancreatitis*

12:10 – 2:00 pm
Lunch & Poster Session | Non-CME event
Lunch | Pavilion

Poster Session
Location | Pavilion
Guided viewing of the posters of distinction – 1-2pm
Meet at Registration / Location | Pavilion Foyer

2:00 – 3:00pm
**Pancreatitis Abstract Session**
Location | Commodore Ballroom CDE
Moderators | Aditi Bhargava, PhD and Guy E. Groblewski, PhD

 Treatment With Volanesorsen (VLN) Reduced Triglycerides and Pancreatitis in Patients With Familial Chylomicronemia Syndrome (FCS) and Severe Hypertriglyceridemia (sHTG) vs Placebo: Results of the APPROACH and COMPASS Studies
A.A. Gelrud,1 A. Digenio,2 V. Alexander,3 K.R. Williams,4 A. Hsieh,5 I. Gouni-Berthold,6 E. Bruckert,7 E. Stroes,8 R. Geary,9 S. Hughes,9 S. Tsmikas,10 J.L. Witztum,11 D. Gaudet.12
1Pancreas Center, University of Chicago, Pancreas Center, Chicago, IL; 2Clinical Development, Akcea Therapeutics Inc, Cambridge, MA; 3Clinical Development, Ionis Pharmaceutical, Carlsbad, CA; 4Medical Affairs, Akcea Therapeutics,
Enhanced Recovery in Acute Pancreatitis (RAPTor): A Randomized Controlled Trial
E. Dong,1 J.I. Chang,2 D. Verma,2 M. Batech,3 C. Villarin,3 K.K. Kwok,2 W. Chen,3 B.U. Wu.1 1Internal Medicine, Kaiser Permanente Los Angeles Medical Center, Los Angeles, CA; 2Gastroenterology, Kaiser Permanente Los Angeles Medical Center, Los Angeles, CA; 3Kaiser Permanente Research and Evaluation, Pasadena, CA.

Characterization of Collagen Producing Cells in Acute Pancreatitis via Lineage Tracing
Y. Cao, B. Cheng, J. Li, J. Bailey, M. Younes, T. Ko. UTHSC-Houston, TX.

Sensing of Cell Death by DNA Sensor STING Mediates Acute Pancreatitis
Q. Zhao,1 Y. Wei,1 L. Li,2 A. Habtezion.1 1Division of Gastroenterology and Hepatology, Stanford University School of Medicine, Stanford, CA; 2Biochemistry Department and the ChEM-H Institute, Stanford University, Stanford, CA

Systemic Inflammation During Acute Pancreatitis is Regulated by NLRP3 Inflammasome Activation in Pancreatic Macrophages
M. Sendler,1 C. Van Den Brandt,1 F.U. Weiss,1 J. Golchert,2 G. Homuth,2 M.M. Lerch,1 J. Mayerle.3 1Department of Medicine A, University Medicine Greifswald, Greifswald, Germany, 2Interfaculty Institutes for Genetics and Functional Genomics, University Medicine Greifswald, Greifswald, Germany, 3Department of Medicine II, University Hospital München-Grosshadern of the LMU, München, Germany

MINI SYMPOSIUM: Imaging the Pancreas
Location | Commodore Ballroom CDE
Chair | Murray Korc, MD and Zoltan Rakonczay, MD, PhD

Alice M. Wyrwicz, PhD, NorthShore University Health System and the University of Chicago Pritzker School of Medicine
MR Microimaging of Pre-Neoplastic Pathology in Mutant Kras Mouse Models of Pancreatic Cancer

Vinay Chandrasekhara, MD, Mayo Clinic Rochester
Updates in EUS Imaging of the Pancreas

Jason S. Lewis, PhD, Memorial Sloan Kettering Cancer Center
Recent Advances in the PET Imaging of Pancreatic Cancer
Richard Bold, MD, UC Davis Comprehensive Cancer Center
*Molecular Imaging of αvβ6 in Pancreatic Cancer*

Michael Bouvet, MD, FACS, University of California San Diego
*Fluorescence Guided Surgery for Pancreatic Cancer*

4:20 – 4:40pm
Break
Location | *Commodore Foyer*

4:40 – 6:00pm
**MINI SYMPOSIUM: Precision Medicine in Pancreatitis Management**
Location | *Commodore Ballroom CDE*
Chair | Walter G. Park, MD and Tooru Shimosgawa, MD

Kazuichi Okazaki, MD, PhD, Kansai Medical University, Japan
*Current Perspectives in the Precision Management of Pancreatitis*

Pramod Garg, MD, All India Institute of Medical Sciences, New Delhi, India
*Management of Acute Pancreatitis: The Future Beckons Us*

Jeffrey B. Matthews, MD, FACS, University of Chicago Medicine
*Precision Surgery for Pancreatitis: Decisions and Incisions*

Aliye Uc, MD, University of Iowa Stead Family Children’s Hospital
*Precision Medicine in the Management of Pediatric Pancreatitis*

7:00 – 10:00pm
Awards Dinner & Reception | *Non-CME event*

Reception 7:00 – 8:00 pm
Location | *Bay Terrace*
Dinner 8:00 – 10:00 pm
Location | *Commodore Ballroom CDE*

**FRIDAY, November 10**
*Commodore Ballroom CDE*

7:00 – 8:00am
Breakfast & Poster Viewing

Breakfast | *Non-CME event*
Location | *Pavilion*

Poster Viewing
Location | *Pavilion*

8:00 – 9:30 am
**Pancreatitis Abstract Session**
Location | *Commodore Ballroom CDE*
Chairs | Herbert Y. Gaisano, MD and Thomas Mace, PhD

*A Randomized Trial of Rectal Indomethacin and Papillary Spray of Epinephrine Versus Rectal Indomethacin Alone for the Prevention of Post-ERCP Pancreatitis in High Risk Patients*
Glucose-Responsive Oxygen Consumption Rate in Islets From Chronic Pancreatitis Patients is Size Dependent: Novel Islet Quality Assessment Through Bioenergetic Phenotyping

Z. Swanson, J. Wilhelm, M.D. Bellin, B. Hering.
Surgery, University of Minnesota, Minneapolis, Minneapolis, MN

Minimally Invasive Surgery Versus Endoscopy Randomized (MISER) Trial for Necrotizing Pancreatitis

J.Y. Bang¹, J.P. Arnoletti², U. Navaneethan¹, M. Hasan¹, R. Hawes¹, S. Varadarajulu¹
¹Center for Interventional Endoscopy, Florida Hospital, Orlando, FL; ²Surgery, Florida Hospital, Orlando, FL

Pancreatitis-Induced Depletion of Syntaxin-2 Deregulates Autophagy and Enhances Basolateral Exocytosis

H. Gaisano, S. Dolai.
University of Toronto, Toronto, Canada

Enhancing Autophagic Activity With Trehalose Normalizes Multiple Pathways and Greatly Ameliorates Experimental Acute Pancreatitis

O.A. Mareninova.¹ E.T. Vegh.¹,² S.R. Gretler,¹ S.W. French,³ I. Gukovsky,¹ A.S. Gukovskaya.¹ ¹Medicine, UCLA/ VAGLAHS, CA; ²University of Szeged, Szeged, Hungary; ³Harbor-UCLA Medical Center, CA.

Morphine Worsens the Severity of Acute Pancreatitis in Ethanol-Palmitoleic Acid Model of Acute Pancreatitis

Department of Surgery, Sylvester Comprehensive Cancer Center, University of Miami, Miami, FL

A Trypsinogen Activation Peptide Mutation Worsens Cerulein-Induced Pancreatitis in the Mouse

Z. Jancso, M. Sahin-Toth
Molecular and Cell Biology, Boston University, Boston, MA

Frank Brooks State of the Art Lecture

(Basic Science)
Location | Commodore Ballroom CDE
Introduction | Anil K. Rustgi, MD
Ronald M. Evans, PhD, Salk Institute for Biological Studies
Controlling Stroma to Corral Pancreatic Cancer
10:00 - 10:15am  Break
Location  |  Commodore Foyer

10:15 - 12:00pm  MINI SYMPOSIUM: Fibrosis in Pancreatic Diseases: Friend or Foe?
Location  |  Commodore Ballroom CDE
Chairs  |  Stephen P. James, MD and Min Li, PhD

State of the Art Lecture
David A. Brenner, MD, University of California San Diego
*Lessons from Liver Fibrosis*

Minoti Apte, PhD, University of New South Wales, Australia
*Learning from Our Scars*

Vikas Dudeja, MD, University of Miami Miller School of Medicine
*Therapeutic Targeting of Fibrosis in Chronic Pancreatitis*

Aida Habtezion, MD, Stanford University
*Aryl Hydrocarbon Receptor Ligands in Cigarette Smoke Promote Fibrosis in Pancreatitis*

Stephanie I. Fraley, PhD, UC San Diego
*A Conserved Metastatic Migration Phenotype is Triggered by Confining Collagen Architectures*

Andrew D. Rhim, MD, MD Anderson Cancer Center
*Novel Factors Affecting the Pancreatic Tumor Microenvironment*

12:00 – 2:00 pm  Lunch & Poster Session  |  Non-CME event
Poster Session
Location  |  Pavilion
Guided viewing of the posters of distinction – 1-2pm
Meet at Registration / Location  |  Pavilion Foyer

2:00 - 2:30pm  Business Meeting
Location  |  Commodore Ballroom CDE
Presidential Address  |  Miklos Sahin-Toth, MD, PhD

Secretary-Treasurer's Report  |  Ashok K. Saluja, PhD
Report from the Nominating Committee  |  Miklos Sahin-Toth, MD, PhD

2:30 - 3:30pm  MINI SYMPOSIUM: From Radiology to Radiomics in Pancreatic Cancer
Chair  |  Dana K. Andersen, MD and Igor Aksaturov, MD, PhD
Alec J. Megibow, MD, NYU-Langone Health
*Pancreatic cysts: New recommendations from American College of Radiology*
Eugene J. Koay, MD, PhD, MD Anderson Cancer Center
*CT Imaging-Based Biomarkers of Pancreatic Ductal Adenocarcinoma*
Jennifer B. Permuth, PhD, Moffitt Cancer Center
_A Radiogenomic Approach May Improve Prediction of Malignant Pathology in Patients with Intraductal Papillary Mucinous Neoplasms of the Pancreas_

3:30 – 3:45pm  Break
Location | _Commodore Foyer_

3:45 - 5:00pm  **Controversies in Pancreatology: Can We Define Early CP?**
Location | _Commodore Ballroom CDE_
Chairs | Carlos Fernandez-del Castillo, MD and Martin L. Freeman, MD

David Whitcomb, MD, PhD, University of Pittsburgh Medical Center  
Yes

Tooru Shimosegawa, MD, Tohoku University, Japan  
Yes

Darwin L. Conwell, MD, MS, Ohio State University Wexner Medical Center  
No

Suresh Chari, MD, Mayo Clinic, Rochester  
No

5:00 - 6:30pm  **Parallel Session: (Clinical Science Abstracts)**
Location | _Commodore Ballroom CDE_
Chairs | Pauli Puolakkainen, MD, PhD and Kyoichi Takaori, MD, PhD

**Oral pancreatic enzyme replacement therapy (PERT) in patients with pancreatic cancer (PCa) is infrequent and suboptimal. A national level analysis**
C. Forsmark1, G. Tang2, M. Tuft2, H. Xu1, S.J. Hughes3, D. Yadav4;  
1Gastroenterology, University of Florida, Gainesville, FL, 2Gastroenterology, University of Pittsburgh, PA, 3Surgery, University of Florida, Gainesville, FL, 4Division of Gastroenterology, Hepatology, and Nutrition, University of Pittsburgh Medical Center, Pittsburgh, PA.

**EN-RAGE is an Early Predictive Biomarker for Acute Pancreatitis**
A. Sud,1 J. Armstrong,2 D. Latawiec,2 R. Furze,3 N. Smithers,3 N. Galwey,3 R. Sutton.1  
1Department of Molecular and Clinical Cancer Medicine, NIHR Liverpool Pancreas Biomedical Research Unit, Liverpool/United Kingdom,  
2Department of Molecular and Clinical Cancer Medicine, University of Liverpool, NIHR Liverpool Pancreas Biomedical Research Unit, Liverpool, United Kingdom,  
3Immuno-Inflammation Therapeutic Area, Medicines Research Centre, GSK Epinova DPU, Stevenage, Hertfordshire, United Kingdom.

**Outcomes for Interventions for Acute Necrotic Collections (ANC) Compared to Walled off Necrosis (WON) Using an Endoscopically Based Step-Up Approach for Necrotizing Pancreatitis (NP)**
Gastroenterology, University of Minnesota, Minneapolis, MN.
Pancreatobiliary vs Head and Neck Manifestations in IgG4-Related Disease: Distinct Subsets of the Same Disease
S. Mohapatra, A. Sharma, S. Chari.
1Internal Medicine, Saint Peter's University Hospital, New Brunswick, NJ; 2Gastroenterology and Hepatology, Mayo Clinic, Rochester, MN; 3Gastroenterology and Hepatology, Mayo Clinic, Rochester, MN.

Alterations in KRAS, CDKN2A, TP53, and SMAD4 Predict Disease-Free Survival in Resected Pancreatic Ductal Adenocarcinoma
1Department of Medical Oncology, Dana-Farber Cancer Institute and Harvard Medical School, Boston, MA; 2Department of Oncologic Pathology, Dana-Farber Cancer Institute and Harvard Medical School, Boston, MA; 3Program in MPE Molecular Pathological Epidemiology, Department of Pathology, Brigham and Women’s Hospital and Harvard Medical School, Boston, MA; 4Department of Medicine, Division of Hematology and Oncology, Wilmot Cancer Institute, University of Rochester Medical Center, Rochester, NY; 5Department of Radiology Oncology, Stanford Cancer Institute, Stanford, CA; 6Division of Gastroenterology, Hepatology, and Endoscopy, Brigham and Women's Hospital and Harvard Medical School, Boston, MA; 7Department of Hematology and Oncology, Beth Israel Deaconess Medical Center and Harvard Medical School, Boston, MA; 8Department of Surgery, Beth Israel Deaconess Medical Center and Harvard Medical School, Boston, MA; 9Department of Surgery, Brigham and Women's Hospital and Harvard Medical School, Boston, MA; 10Department of Surgery, University of Rochester Medical Center, Rochester, NY; 11Department of Pathology, University of Rochester Medical Center, Rochester, NY; 12Department of Pathology, Brigham and Women's Hospital and Harvard Medical School, Boston, MA; 13Center for Cancer Genome Discovery, Dana-Farber Cancer Institute, Boston, MA.

The 2012 International Consensus Guidelines of Intraductal Papillary Mucinous Neoplasms of the Pancreas (Fukuoka Criteria) Predict the Malignant Potential, Even in the Actual Clinical Situations
1Division of Hepato-Biliary-Pancreatic surgery, Shizuoka Cancer Center, Sunto-Nagaizumi, Shizuoka, Japan; 2Division of Pathology, Shizuoka Cancer Center, Shizuoka, Japan.

Changes in Body Composition During Neoadjuvant Treatment for Pancreatic Cancer
K.D. Lillemoe,¹ C. Bassi,¹⁰ M. Braga,⁸ L. Gianotti,¹¹ D. Sahani,² C. Fernandez-Del Castillo.¹

¹Surgery, Massachusetts General Hospital, Boston, MA; ²Radiology, Massachusetts General Hospital, Boston, MA; ³Department of Radiology, Hospital Universitario Dr. José Eleuterio Gonzáles, Mexico; ⁴General and Pancreatic Surgery Department, Pancreas Institute, Italy; ⁵Radiology, Pancreas Institute, Italy; ⁶Radiology, School of Medicine and Surgery, San Gerardo Hospital, University of Milano-Bicocca, Italy; ⁷Oncology, General and Pancreatic Surgery Department, Pancreas Institute, Italy; ⁸Surgery, Vita-Salute San Raffaele University, Italy; ⁹Radiology, Vita-Salute San Raffaele University, Italy; ¹⁰General and Pancreatic Department, Pancreas Institute, Italy; ¹¹Surgery, School of Medicine and Surgery, San Gerardo Hospital, University of Milano-Bicocca, Italy.

5:00 - 6:30pm
Parallel Session: (Basic Science Abstracts)
Location | Constellation
Chairs | Paul Grippo, PhD and Ilya Gukovsky, PhD

**Nfic is a Novel Nr5a2 Interactor and Regulator of the Pancreatic Acinar Program**
I. Cobo1, J. Melià2, F. Garcia3, J.-C. Park4, J. Muñoz3, F.X. Real1; ¹Cancer Cell Biology Program, Spanish National Cancer Research Center, Madrid/Spain, ²Humanitas Research Center/Italy, ³Proteomic Unit, Spanish National Cancer Biology. School of Dentistry, Seoul National University, Seoul, Republic of Korea.

**Generating Pancreatic Ductal Adenocarcinoma From Normal Human Acinar and Ductal Cells**
P. Wang,¹ N. Akanuma,¹ J. Liu,¹ M. Nipper,¹ M. Gao,¹ K. Bejar,¹ A.D. Singhi,² H. Wang,³ H. Crawford.⁴
¹UT Health Science Center, The University of Texas Health San Antonio, San Antonio, TX; , ²University of Pittsburgh, Pittsburgh, PA; ³Department of Pathology, The University of Texas M.D. Anderson Cancer Center, Houston, TX; ⁴Department of Molecular and Integrative Physiology & Internal Medicine, University of Michigan Health System, Ann Arbor, MI.

**A Novel Mouse Model With Bigenic Targeting of Activated Pancreatic Stellate Cells**
H.-Y. Su,¹ R.T. Waldron,² S.J. Pandol,² A. Lugea.²
¹Cedars-Sinai Medical Center, Los Angeles, CA; ²Department of Medicine, Cedars-Sinai Medical Center and University of California, Los Angeles, CA

**The SNARE Priming Factor Calcium-Dependent Activator Protein for Secretion 2 (CAPS2) Regulates Trypsinogen Trafficking and Intracellular Trypsinogen Activation**
S. Messenger, SE Maciuba, TF Martin.
Department of Biochemistry, University of Wisconsin-Madison, Madison, WI

**D52 is a Homeostatic Regulator of Acinar Cells In Vivo**
University of Wisconsin, Madison, WI
A Role for Pancreatic NFAT in Pancreatitis
L. Wen,1 T. Javed,1 A. Orabi,1 S. Husain.2
1Department of Pediatrics, University of Pittsburgh, Pittsburgh, PA; 2Department of Pediatrics, University of Pittsburgh, Pittsburgh, PA.

Hypothemic Interference With Bile Acid (BA) Micellar Breakdown (MBD) Reduces Systemic Bile Acid Toxicity
B. Khatua, C. De Oliveira, B. El-Kurdi, K. Patel, V. Singh.
Department of Medicine, Mayo Clinic, Scottsdale, AZ

7:00pm
Women in Pancreas Reception & Dinner | Non-CME event
Reception Location | Bay Terrace
Dinner Location | Constellation B

Keynote Speaker
Sheila E. Crowe, MD, FRCP, FACP, FACG, AGAF
University of California San Diego
2017 - The Year of Women Leading Digestive Disease Societies

Co-chairs | Aida Habtezion, MD, MSc, Kimberly Kelly, PhD, Aliye Uc, MD
Sponsored by AbbVie

SATURDAY, November 11
Commodore Ballroom CDE

7:00 – 8:00am
Breakfast
Location | Pavilion

8:00 – 9:30am
Pancreatic Cancer Abstract Session
Location | Commodore Ballroom CDE
Chairs | Johanna Laukkari, MD and Michael VanSaun, PhD

Keynote Speaker
Sulagna Banerjee, PhD, University of Miami Miller School of Medicine
Tumor Microenvironment-mediated Metabolic Reprogramming in Pancreatic Tumor Initiating Cells

Stromal Fibroblasts Drive Single Cell Heterogeneity in Pancreatic Cancer
L. Matteo,1,2 S. Srinjoy,1 S. Misale,1 M. Karabacak,4 J. Malagon-Lopez,4 N. Vincent Jordan,2 N. Desai,4 K. Arora,4 A. Kulkarni,4 M. Rajurkar,4 M. Di Pilato,1 M. Boukhali,2 J. Fatherree,4 E. Tai,4 K. Vo,4 L. Damon,4 K. Xega,4 R. Desai,4 M. Choz,2 F. Bersani,2 V. Thapar,4 M. Rivera,4 V. Deshpand,4 C. Benes,4 L. Nieman,4 S. Maheswaran,4 D.A. Haber,4 C. Fernandez-Del Castillo,2 C.R. Ferrone,2 W. Haas,4 M.J. Aryee,4 D. Ting,5
1Massachusetts General Hospital, Boston, MA; 2Surgery, Massachusetts General Hospital, Boston, MA; 3Memorial Sloan Kettering, New York, NY; 4Cancer Center, Massachusetts General Hospital, Boston, MA; 5Massachusetts General Hospital Cancer Center, Charlestown, MA.

CDKN2A Deletion Confers Resistance to MEK Inhibition in Pancreatic Cancer
1 Surgery, University of Miami, Miami, FL; 2 Surgery, Vanderbilt University, Nashville, TN; 3 Surgery, University of Miami, Miami, FL; 4 Surgery, University of Miami, Miami, FL.

Long Non-coding RNA HULC Derived From Circulating Extracellular Vesicles Would Correlate With Tumor Invasion and Metastasis in Patients With Pancreatic Cancer
Division of Metabolism and Biosystemic Science, Department of Medicine, Asahikawa Medical University, Asahikawa, Japan.

The Diagnostic Accuracy of Endoscopic Ultrasonography (EUS)-guided Needle Based Confocal Laser Endomicroscopy (nCLE) is Superior to Current Standard of Care for Differentiating Mucinous From Non-mucinous Pancreatic Cystic Lesions (PCLs)
1 The Ohio State University Wexner Medical Center, Columbus, OH; 2 The Ohio State University Wexner Medical Center, Columbus, OH; 3 The Ohio State University Wexner Medical Center, Columbus, OH; 4 University of Pittsburgh, Pittsburgh, PA.

Perioperative Hydrocortisone Treatment Reduces Postoperative Pancreatic Fistula After Distal Pancreatectomy in a Randomized Controlled Trial
A. Antila, A. Siiki, J. Sand, J. Laukkarinen.
1 Department of Gastroenterology and Alimentary Tract Surgery, Tampere University Hospital, Tampere, Finland; 2 Department of Gastroenterology and Alimentary Tract Surgery, Tampere University Hospital, Tampere, Finland

A Novel Pre-Therapeutic Prognostic Bioscore Accurately Predicts Postoperative Survival in Potentially Resectable Pancreatic Cancer

9:30 – 10:30am

MINI SYMPOSIUM: Immunotherapy in Pancreatic Cancer
Location | Commodore Ballroom CDE
Chairs | Margaret Tempero, MD and Andrew M. Lowy, MD

Judith A. Varner, PhD, Moores Cancer Center, University of California, San Diego
Therapeutic Approaches to Target Tumor Associated Macrophages in Pancreatic Cancer

Christina Twyman-Saint Victor, MD, University of Pennsylvania Perelman School of Medicine
Improving the Response of Immune Checkpoint Inhibitors in PDAC

Florence McAllister, MD, University of Texas MD Anderson Cancer Center
Unhelpful T Helper Cells Promoting Pancreatic Cancer Stemness
Nipun Merchant, MD, University of Miami Miller School of Medicine
*Reprogramming the Tumor Microenvironment to Enhance Immunotherapy in Pancreas Cancer*

10:30 – 10:45am
Break
Location | Commodore Foyer

10:45 – 12:00pm
**MINI SYMPOSIUM: Clinical Trials in Pancreatitis**
Location | Commodore Ballroom CDE
Chairs | Stephen J. Pandol, MD and Vijay P. Singh, MBBS

Christopher E. Forsmark, MD, University of Florida
*Enzyme Replacement in PEI: Do We Know Who, Why, How, and When?*

Bechien U. Wu, MD, Kaiser Permanente Southern California
*Trials (and Tribulations) in Acute Pancreatitis*

Christie Jeon, ScD, Cedars-Sinai Medical Center
*Simvastatin Trial to Reduce the Risk of Recurrent Acute Pancreatitis: Challenges and Opportunities*

Andrea Parniczky, MD, PhD, University of Pecs, Hungary
*Clinical Trials in Pediatric Pancreatitis*

Santhi S. Vege, MD, Mayo Clinic Rochester
*Why is it so Hard to do a Clinical Drug Trial in Acute Pancreatitis*

12:00 – 1:00pm
**PANCAN Young Investigators Symposium**
Location | Commodore Ballroom CDE
Chairs | Craig Logsdon, PhD and Nipun Merchant, MD

Ingunn Stromnes, PhD, University of Minnesota
*Enhancing Efficacy of Engineered T Cell Therapy for Pancreatic Cancer*

Gina DeNicola, PhD, Moffitt Cancer Center
*Therapeutic Targeting of NRF2-Regulated Metabolism in Pancreatic Cancer*

Luisa Escobar-Hoyos, PhD, Memorial Sloan Kettering Cancer Center
*Novel Therapeutic Vulnerability in Pancreatic Cancer with Mutant-p53*

Jason Doles, PhD, Mayo Clinic, Rochester
*Pancreatic Cancer-Associated Metabolites Impair Skeletal Muscle Differentiation*

1:00pm
Lunch | Non-CME event
Location | Pavilion
POSTERS OF DISTINCTION | THURSDAY, NOVEMBER 9

P1-1  
Chronnic Pancreatitis is a Devastating Disease Across All Ages  
A. Uc1, S.J. Schwarzenberg2, M.E. Lowe3, J.N. Abberbock4, M.B. Zimmerman5, D.C. Whitcomb4, D. Yadav6; 1Stead Family Department of Pediatrics, University of Iowa/United States of America, 2Pediatics, University of Minnesota/United States of America, 3Pediatics, University of Minnesota/United States of America, 4Internal Medicine, University of Pittsburgh/United States of America, 5Biostatistics, University of Iowa/United States of America, 6UPMC/United States of America

P1-2  
Efficacy and Safety of Low Molecular Weight Heparin Prophylaxis in Patients with Severe Acute Pancreatitis: A Systematic Review and Meta-Analysis of Randomized Controlled Trials  
R. Zhang, P. Ren, Q. Xia, L. Deng, W. Huang, R. Sutton; Integrated Traditional Chinese and Western Medicine, West China Medical School/West China Hospital, Sichuan University/China

P1-3  
Epidemiology, Tumor Characteristics and Survival in Patients with Primary Pancreatic Lymphoma: a Population-based Study using the SEER Database  
D. Mukhija1, S.J.S. Nagpal2, D. Sohal3; 1Internal Medicine, Cleveland Clinic, Cleveland/United States of America, 2Gastroenterology and Hepatology, Mayo Clinic/United States of America, 3Cleveland Clinic/United States of America

P1-4  
C. Hu1, 2, H.-Y. Su1, R.T. Waldron1, A. Lugea1, Q. Xia2, B. Ji3, S.J. Pandol1; 1Cedars Sinai Medical Center/United States of America, 2Department of Integrated Traditional Chinese and Western Medicine, Sichuan Provincial Pancreatitis Centre, West China Hospital, Sichuan University/China, 3Mayo Clinic/United States of America

P1-5  
Exocrine Pancreatic Metabolic Demand is increased in Necrotizing Pancreatitis (NP) but Not Mild Pancreatitis - both of which are Mechanistically Targeted by Hypothermia.  
C. De Oliveira, B. Khatua, B. El-Kurdi, K. Patel, V. Singh; Mayo Clinic, AZ/United States of America

P1-6  
GLI1 Complex with BRM to Control Gene Expression in Pancreatic Cancer  
S.L. Safgren1, R.L. Olsen2, M.E. Fernandez-Zapico3, A.L. Vrabel2, N. Hernandez-Alvarado2; 1Mayo Clinic Graduate School of Biomedical Sciences, Mayo Clinic, Rochester/United States of America, 2Oncology Research, Mayo Clinic, Rochester, MN/United States of America, 3Oncology Research, Mayo Clinic, Rochester/United States of America

P1-7  
Healthcare Resource Utilization and Outcomes in Patients Undergoing Total Pancreatectomy with Islet Autotransplantation in the United States  
M.D. Bellin1, L. Luis2, M. Abu-El-Haija3, D. Adams4, G.J. Beilman5, S. Chinnakotla6, T. Dunn5, M. Freeman7, T. Gardner8, V. Kirchner9, K. Morgan10, J.D. Nathan11, B. Naziruddin12, T. Pruettt5, S.J. Schwarzenberg13, V. Singh14, K. Smiths8, J. Steel15, M. Wijkstrom15, P. Witkowski16, D.L. Connell17; 1Pediatrics, University of Minnesota, Minneapolis, MN/United States of America, 2The Ohio State University Wexner Medical Center/United States of America, 3Division of Pediatric Gastroenterology, Hepatology and Nutrition, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH/United States of America, 4Medical University of SC, Medical University of SC, Charleston/United States of America, 5Department of Surgery, University of Minnesota, Minneapolis, MN/United States of America, 6University of Minnesota/United States of America, 7Gastroenterology, University of Minnesota, Minneapolis/United States of America, 8Dartmouth Hitchcock Medical Center/United States of America, 9Surgery, University of Minnesota/United States of America, 10Medical University of SC, Medical University of SC, Charleston, SC/United States of America, 11Pancreas Care Center, Liver, Kidney and Intestinal Transplant Programs, Cincinnati Children's Hospital Medical Center, Cincinnati, OH/United States of America, 12Baylor School of Medicine/United States of America, 13Pediatrics, University of...
**P1-8**

**Impact of Chemoradiotherapy Followed by Surgery for Pancreatic Ductal Adenocarcinoma, Using a New Resectability Classification defined by Japan Pancreas Society in 2016**

M. Kishiwada, A. Hayasaki, T. Fujii, T. Ito, T. Takeuchi, Y. Iizawa, H. Kato, A. Tanemura, Y. Murata, N. Kuriyama, Y. Azumi, S. Mizuno, M. Usui, H. Sakurai, S. Isaji; Hepatobiliary Pancreatic & Transplant Surgery, Mie University Graduate School of Medicine, Tsu/Japan

**P1-9**

**Intracellular Signaling Profiles of Blood Leukocytes in Sepsis Complicated by Organ Dysfunction and in Acute Pancreatitis in Relation to Disease Severity**

A.K. Penttilä1, K. Kuuiala2, K.-M. Kaukonen3, H. Mustonen1, A. Kuuiala2, J. Oiva4, M. Hämäläinen5, E. Moilanen5, V. Pettilä3, P. Puolakkainen1, L. Kylänpää1, H. Repo2; 1Department of GI Surgery, Helsinki University Hospital and University of Helsinki/Finland, 2Department of Bacteriology and Immunology, Helsinki University Hospital and University of Helsinki/Finland, 3Department of Anesthesiology, Intensive Care and Pain Medicine, Helsinki University Hospital and University of Helsinki/Finland, 4Department of Surgery, Kuopio University Hospital/Finland, 5The Immunopharmacology Research Group, Faculty of Medicine and Life Sciences, University of Tampere and Tampere University Hospital/Finland

**P1-10**

**Ionizing Radiation Potentiates the Effect of Minnelide on Pancreatic Cancer**

V. Sethi1, A. Da Silva Benaduce2, B. Giri3, B. Garg1, M. Tariq1, Z. Malchiodi1, S. Lava1, L. Hellmund1, S. Ramakrishnan1, A. Ishkanian2, V. Dudeja1, A. Saluja1; 1Surgery, University of Miami/United States of America, 2Radiation Oncology, University of Miami/United States of America, 3Surgery, University of Miami, Miami/United States of America

**P1-11**

**Lactate-Mediated Epigenetic Reprogramming Regulates Generation of Pancreatic Cancer-associated Fibroblasts**


**P1-12**

**Metastasis and Chemoresistance in CD133+ Tumor Initiating Cells are Dependent on Lipid Raft Integrity in Pancreatic Cancer.**

V.K. Gupta1, N.S. Sharma2, K.K. Kesh2, P. Dauer3, A. Nomura2, B. Giri4, V. Dudeja5, A. Saluja5, S. Banerjee5; 1Department of Surgery, University of Miami, Miami/United States of America, 2Surgical Oncology, University of Miami, Miami, FL/United States of America, 3Pharmacology, University of Minnesota, MN/United States of America, 4Surgery, University of Miami, Miami/United States of America, 5Surgery, University of Miami/United States of America

**P1-13**

**Metformin Attenuates Progression of Pancreatic Ductal Adenocarcinoma Promoted by Diet-induced Obesity in the Conditional KrasG12D Mouse Model.**

H.-H. Chang1, A. Moro1, C.E.N. Chou1, A.I. Schmidt1, J. Sinnett-Smith2, O.J. Hines1, G. Eibl1, E. Rozengurt2; 1Department of Surgery, David Geffen School of Medicine at UCLA, Los Angeles, CA/United States of America, 2Department of Medicine, David Geffen School of Medicine at UCLA, Los Angeles, CA/United States of America
P1-14  
**Morphine Treatment Increases the Severity of Acute Pancreatitis via \(\mu\)-Opioid Receptor.**  
H. Cheema, U. Barlass, J. George, G. Gonzalez, V. Dudeja, R. Dawra, S. Roy, A. Saluja; Department of Surgery, Sylvester Comprehensive Cancer Center, University of Miami, Miami, FL/United States of America

P1-15  
**MUC4 Interaction with EGFR and its Potential Implications in Pancreatic Cancer.**  
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B.C. Nemeth1, A. Szucs2, P. Hegyi3, M. Sahin-Toth1; 1First Department of Medicine, University of Szeged, Szeged/Hungary, 2First Department of Surgery, Semmelweis University, Budapest/Hungary, 3Department of Translational Medicine, University of Pecs, Pecs/Hungary

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V.W. Setiawan1, D. Stram1, J. Porcel2, S.J. Pandol3, C. Haiman1, K. Monroe1; 1Preventive Medicine, University of Southern California/United States of America, 2University of Southern California/United States of America, 3Cedars Sinai Medical Center/United States of America

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D. Wang1, J. Satiya1, J. Barkin2, 3, E. Donath1; 1University of Miami Miller School of Medicine Palm Beach Regional Campus, L, FL/United States of America, 2Department of Gastroenterology, University of Miami Leonard Miller School of Medicine, FL/United States of America, 3University of Miami Pancreas Center, FL/United States of America
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D. Du1, R. Zhang2, N. Shi3, T. Jin4, D.N. Criddle4, R. Sutton5, W. Huang5, Q. Xia5; 1West China-Washington Mitochondria and Metabolism Center, West China Hospital, Sichuan University, Chengdu/China, 2Laboratory of Ethnopharmacology, West China Hospital, Sichuan University, Chengdu/China, 3Department of Integrated Traditional Chinese and Western Medicine, Sichuan Provincial Pancreatitis Center, West China Hospital, Sichuan University, Chengdu/China, 4Department of Cellular and Molecular Physiology, Institute of Translational Medicine, University of Liverpool, Liverpool/United Kingdom, 5Department of Molecular and Clinical Cancer Medicine, Institute of Translational Medicine, University of Liverpool, Liverpool/United Kingdom

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Y. Hori1, M. Topazian1, S. Chari1, F. Gleeson1, M.J. Levy1, R. Pearson1, B.T. Petersen1, M. Farnell2, M.L. Kendrick2, L. Pinsley1, N. Takahashi3, M. Truty2, R. Smoot2, S. Vege1; 1Gastroenterology and Hepatology, Mayo Clinic, Rochester, MN/United States of America, 2Surgery, Mayo Clinic, Rochester, MN/United States of America, 3Radiology, Mayo Clinic, Rochester, MN/United States of America

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L. Koodie1, E. Kawakami2, R. Eideneschink1, K. Jacobsen1, E. Tolosa2, M. Fernandez-Zapico2, J. Davydova1; 1Surgery, University Of Minnesota School of Medicine, MN/United States of America, 2Division Of Endocrinology, Mayo Clinic/United States of America

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C.M. Thompson1, S. Kumar1, D. Ghersi2, R. Chirravuri2, I. Thapa2, L. Smith3, S.K. Batra1; 1Biochemistry and Molecular Biology, Univ of NE Med Cntr, Omaha, NE/United States of America, 2School of Interdisciplinary Informatics, College of Information Science and Technology, University of Nebraska Omaha, Omaha/United States of America, 3Department of Biostatistics, Univ of NE Med Cntr, Omaha, NE/United States of America

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J. Wu1, W. Xu1, J. Wei1, K. Zhang1, X. Liu1, M. Li2, Z. Zhang2, Z. Lu1, Y. Miao1; 1Pancreas Center, The First Affiliated Hospital of Nanjing Medical University, Nanjing/China, 2Department of Pathology, The First Affiliated Hospital of Nanjing Medical University, Nanjing/China

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A. Neveler1, S.W. Keith2, H. Lavu1, T. Yeo1, J.R. Brody1, J. Winter1; 1Surgery, Thomas Jefferson University, Philadelphia, PA/United States of America, 2Biostatistics, Thomas Jefferson University, Philadelphia, PA/United States of America

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C. Iwamoto1, K. Ohuchida2, T. Okumura2, K. Koikawa2, S. Takesue2, H. Nakayama2, S. Endo2, S. Kibe2, Y. Ando2, T. Abe2, K. Miyawaki3, M. Murata4, K. Akashi3, M. Nakamura2, M. Hashizume1; 1Department of Advanced Medical Initiatives, Graduate School of Medical Sciences, Kyushu University, Fukuoka/Japan, 2Department of Surgery and Oncology, Graduate School of Medical Sciences Kyushu University, Fukuoka/Japan, 3Department of Medicine and Biosystemic Science, Graduate School of Medical Sciences Kyushu University, Fukuoka/Japan, 4Center for Advanced Medical Innovation, Kyushu University, Fukuoka/Japan

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Z. Yan1, K. Ohuchida2, B. Zheng2, T. Okumura2, K. Koikawa1, S. Takesue1, N. Nakayama1, K. Shirahane3, Y. Shimizu4, T. Moriyama2, T. Ohtsuka1, K. Mizumoto2, Y. Oda5, M. Nakamura2; 1Department of Surgery and Oncology, Graduate School of Medical Sciences Kyushu University, Fukuoka/Japan, 2Department of Surgery and Oncology, Kyushu University, Fukuoka/Japan, 3Saga-ken Medical Centre Koseikan/Japan, 4Kyushu University Hospital Cancer Center/Japan, 5Department of Anatomic Pathology, Pathology Sciences, Kyushu University, Fukuoka/Japan

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Z. Lin1, C. Zhang1, X. Zhang1, N. Shi1, J. Guo1, W. Huang1, J. Windsor2, R. Sutton3, P. Xue1, Q. Xia1; 1West China Hospital, Sichuan University, Department of Integrated Traditional Chinese and Western Medicine, Sichuan Provincial Pancreatitis Centre/China, 2Department of Surgery, University of Auckland/New Zealand, 3Royal
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M. Masataka, K. Kmaei, Y. Yashida, K. Kawaguchi, T. Murase, S. Satoi, I. Matsumoto, T. Nakai, Y. Takeyama; Department of surgery, Kindai University;Faculty of medicine, Osakasayama/Japan

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Y. Hori1, M. Topazian1, S. Chari1, F. Gleeson1, M.J. Levy1, R. Pearson1, B.T. Petersen1, M. Farnell2, M.L. Kendrick2, L. Pineda, N. Takahashi3, M. Truty2, R. Smoot2, S. Vege1; 1Gastroenterology and Hepatology, Mayo Clinic, Rochester, MN/United States of America, 2Surgery, Mayo Clinic, Rochester, MN/United States of America, 3Radiology, Mayo Clinic, Rochester, MN/United States of America

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J.A. Barkin1, C.R. Simons-Linares2, Z. Nemeth1, J.S. Barkin1; 1University of Miami, Leonard M. Miller School of Medicine, Miami, FL/United States of America, 2Cook County Hospital, Chicago, IL/United States of America

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S. Kostenko, C. Heu, C. De Oliveira, B. Khatua, V. Singh; Mayo Clinic, AZ/United States of America

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P. Chandrakesan1, N. Ali1, R. May1, N. Weygant1, D. Qu, J. Yao2, S. Sureban1, M. Bronze1, C. Houchen1; 1Medicine, University of Oklahoma Health Sciences Center, Oklahoma City, OK/United States of America, 2Oncology, Beijing Chaoyang Hospital, Capital Medical University/China

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S.-J. Park1, G.-S. Bae2, S.B. Choi2, D.-G. Kim2, J.-Y. Shin2, M.-J. Kim2, D.-U. Kim2; 1Herbology, Wonkwang University, Iksan/Korea, Republic of, 2Wonkwang University/Korea, Republic of

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Gel Forming Mucin MUC5AC Employs Multimodal Mechanism(s) to Augment Gemcitabine Resistance in Pancreatic Cancer
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K. Tateishi1, K. Yamamoto1, H. Fujiwara1, H. Katou1, R. Takahashi1, K. Miyabayashi1, H. Ijichi1, S. Mizuno1, H. Kogure1, Y. Nakai1, M. Tada1, Y. Shinkai2, K. Koike1; 1Dept. of Gastroenterology, Graduate School of Medicine, The University of Tokyo/Japan, 2Cellular Memory Laboratory, RIKEN Advanced Science Institute/Japan

Improved Outcomes for Severe Acute Pancreatitis in High Volume Hospitals
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M. Faghih1, J.R. Azadi1, N. Parsa2, F. Garcia Gonzalez3, A. Zaheer3, V.K. Singh3; 1Johns Hopkins/United States of America, 2Gastroenterology/Internal Medicine, Johns Hopkins Hospitals, Baltimore/United States of America, 3Pancreatitis Center, Division of Gastroenterology, Johns Hopkins Hospital, Baltimore, MD/United States of America

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A. Sharma, S. Chari; Gastroenterology, Mayo Clinic, Rochester, MN/United States of America

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S. Grimaldo, M. Khatibeghdami; GI, University of Illinois, IL/United States of America

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M.E. Skube1, P. Mills2, J. Hodges3, G.J. Beilman4, M.D. Bellin5; 1Department of Surgery, University of Minnesota, MN/United States of America, 2Obstetrics, Gynecology, and Women's Health, University of Minnesota/United States of America, 3Biostatistics, University of Minnesota/United States of America, 4Surgery, University of Minnesota, MN/United States of America, 5Pediatrics, University of Minnesota/United States of America

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X. Mao, X. Duan, L. Zhou; Hunan Provincial People's Hospital/China

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S. Lu, L. Zhang, H. Lu, W. Hu; Pancreatic surgery, West China Hospital, Chengdu/China

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D.T. Heller1, 2, M.D. Bellin1, 3, K.L. Berry2, G.J. Beilman2, T. Dunn2, T. Pruett2, S. Chinnikota2, 3, B. Hering1, 2, J. Wilhelm1; 1Schulze Diabetes Institute, University of Minnesota, Minneapolis/United States of America, 2Department of Surgery, University of Minnesota, Minneapolis, MN/United States of America, 3Pediatrics, University of Minnesota, MN/United States of America

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Y. Takegaki1, K. Shimizu1, Y. Kadoi1, A. Nishimura1, M. Miyoshi1, T. Akagi2, K. Sasa1, Y. Hori1; 1Analytical Biomedical Sciences, Kobe University Graduate School of Health Sciences, Kobe/Japan, 2KAN research Institute/Japan

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D. Qu1, N. Weygant1, J. Yao1, W. Berry1, P. Chandrakesan2, R. May2, S. Sureban2, C. Houchen3; 1University of Oklahoma Health Sciences Center/United States of America, 2Medicine, University of Oklahoma Health Sciences Center, Oklahoma City, OK/United States of America, 3Department of Medicine, The University of Oklahoma Health Sciences Center/United States of America

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L. Kylänpää, S. Ismail, O. Lindström, M. Rainio, J. Halttunen; Gastrointestinal Surgery, Helsinki University Central Hospital, Helsinki/Finland

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E. Siskind1, C. Liu1, R. Wahl1, J. Piper1, J. Jonsson1, J. Ortiz2; 1Transplant Surgery, Inova Fairfax Medical Center/United States of America, 2Transplantation, University of Toledo, Toledo, OH/United States of America

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N. Mattila1, C. Haglund2, R. Lassila3, H. Seppänen1; 1Department of Gastroenterological Surgery, University of Helsinki and Helsinki University Hospital/Finland, 2Department of Gastroenterological Surgery, Helsinki University Hospital/Finland, 3Coagulation Disorders Unit, Department of Hematology, Comprehensive Cancer Center, University of Helsinki and Helsinki University Hospital/Finland

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L.-L. Zhai, T.-F. Ju; Department of General Surgery, Hangzhou First People's Hospital, Nanjing Medical University, Hangzhou/China
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D.T. Heller1,2, M.D. Bellini1,3, K.L. Berry2, M. Cook2, G.J. Beilman2, T. Dunn2, T. Pruet2, S. Chinnikota2, S. V. Kirchner2, B. Hering1,2, J. Wilhelmi1,2; 1Schulze Diabetes Institute, University of Minnesota, Minneapolis/United States of America, 2Department of Surgery, University of Minnesota, Minneapolis, MN/United States of America, 3Pediatrics, University of Minnesota/United States of America

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F. Lamichhane, N. Nagathihalli, F. Messaggio, X. Dai, J. Barretta, M. Vansaun, N. Merchant; Surgery, University of Miami/United States of America

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Y. Fukumura1, C. He1, O. Mamat1, H. Mitomi1, M. Takase1, N. Fujiwara2, S. Kawasak2, H. Isayama3, K. Suda1, T. Yao1; 1Human Pathology, Juntendo University, Tokyo/Japan, 2Hepatobiliary & Pancreatic Surgery, Juntendo University, Tokyo/Japan, 3Gastroenterology, Juntendo University, Tokyo/Japan

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J. George, H. Cheema, V. Dudeja, R. Dawra, A. Saluja; Department of Surgery, Sylvester Comprehensive Cancer Center, University of Miami, Miami, FL/United States of America

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K.C. Honselmann1, A. Nakagawa1, D. Ting2, M. Ligorio2, E. Taiz2, M. Mino-Kenudson3, K.D. Lillemoec1, A.L. Warshaw1, C. Fernandez-Del Castillo1, A.S. Liss1; 1Department of Surgery and the Pancreatic Research Laboratory, Massachusetts General Hospital, Boston, MA/United States of America, 2Massachusetts General Hospital Cancer Center, Charlestown, MA/United States of America, 3Department of Pathology, Massachusetts General Hospital, Boston, MA/United States of America

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V. Akshintala1, A. Kamal1, R. Talukdar2, N. Reddy2, M. Khashab1, A. Kalloo3, V. Singh4; 1Gastroenterology, Johns Hopkins Hospital, Baltimore/United States of America, 2Asian Institute of Gastroenterology/India, 3Gastroenterology, Johns Hopkins Hospital, Baltimore, MD/United States of America, 4Gastroenterology/Internal Medicine, Johns Hopkins Hospitals, Baltimore, MD/United States of America

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J.A. Barkin1, E. Donath2, J. Goyal1, Z. Nemeth1, E.O. Souto1, P. Martin1, J.S. Barkin1; 1University of Miami, Leonard M. Miller School of Medicine, Miami, FL/United States of America, 2University of Miami, Leonard M. Miller School of Medicine, Atlantis, FL/United States of America
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A.H. Daneshmanesh1, M. Hojjat-Farsang1, A. Moshfegh1, J. Schultz2, J. Vågberg2, S. Byström2, E. Olsson2, T. Olin2, A. Österborg3, H. Mellstedt1; 1Department of Oncology-Pathology, Cancer Center Karolinska, Karolinska University Hospital Solna and Karolinska Institutet, Stockholm/Sweden, 2Kancera AB, Karolinska Institute Science Park, Stockholm/Sweden, 3Department of Hematology, Karolinska University Hospital Solna and Karolinska Institutet, Stockholm/Sweden

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M. Awais1, X. Zhang1, D. Latawiec1, D. Criddle1, J. Sanvoisin2, C. Austin2, M. Peel3, R. Sutton4; 1Institute of Translational Medicine, Liverpool University/United Kingdom, 2Selcia Ltd/United Kingdom, 3Cypralis Ltd/United Kingdom, 4Institute of Translational Medicine, Liverpool University and Royal Liverpool University Hospital/United Kingdom

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H. Sato1, J. Sasajima1, 2, Y. Ono2, T. Goto1, K. Koizumi3, T. Okada1, 2, S. Fujibayashi1, A. Hayashi1, H. Kawabata1, S. Takaui1, Y. Mizukami1, 2, T. Okumura1; 1Department of Medicine, Division of Gastroenterology and Hematology/Oncology, Asahikawa Medical University, Asahikawa/Japan, 2Institute of Biomedical Research, Sapporo Higashi Tokushukai Hospital/Japan, 3Gastroenterology Medicine Center, Shonan Kamakura General Hospital/Japan

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B. Hasdemir1, G. Szot2, A. Bhargava3; 1Osher Center, UCSF, San Francisco/United States of America, 2Transplant Surgery, UCSF, San Francisco/United States of America, 3Obgyn & Osher Center, UCSF, San Francisco/United States of America

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D. Adams1, C. Chung1, K. Morgan2, S. Owczarski3, J. Borckhardt1, H. Wang1; 1Medical University of SC, Medical University of SC, Charleston/United States of America, 2Medical University of SC, Medical University of SC, Charleston, SC/United States of America, 3Surgery, Medical University of South Carolina/United States of America

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H. Husu, A. Leppäniemi, T. Lehtonen, P. Puolakkainen, P. Mentula; University of Helsinki/Finland

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X. Wang, C.-L. Tan, X. Liu; Department of Pancreatic Surgery, West China Hospital, Sichuan University, Chengdu/China

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M. Shinoto, H. Suefuji, K. Terashima, S. Toyama, Y. Shioyama; SAGA HIMAT Foundation, Ion Beam Therapy Center, Tosu/Japan
Sirtuin 3 Genetic Ablation Causes Mitochondrial Dysfunction and Promotes Acinar Cell Death in Acute Pancreatitis
S.R. Malla1, N. Shalbueva2, Y. Qin3, R.T. Waldron1, J. Yuan1, S. Gretler4, O.A. Mareninova5, S.J. Pandol6, A. Gukovskaya7; 1Gastroenterology, Cedar-Sanai Medical Center, Davis Building, Rm 3006, Los Angeles, CA/United States of America, 2Dept of Medicine, University of California, CA/United States of America, 3Division of Gastroenterology and hepatology, Youji Medical University for Nationalities, Baise/China, 4Dept of Medicine, University of California, Los Angeles, CA/United States of America, 5Medicine, UCLA/ VAGLAHS, CA/United States of America, 6Cedars Sinai Medical Center/United States of America, 7Medicine, UCLA/ VAGLAHS, Los Angeles, CA/United States of America

Sphingomyelin Phosphodiesterase 3 (Smpd3) Regulates Growth and Chemoresistance of Pancreatic Tumors
A.M. Hendley1, A. Urano1, A.Y. Zhong1, N.R. Kerper1, K.E. Villaneuva1, H.A. Russ1, P. Bailey2, D.K. Chang2, 3, A.V. Blancnik2, 3, 4, D.W. Dawson5, N. Roy1, M. Hebrok1; 1Diabetes Center, University of California San Francisco, San Francisco/United States of America, 2Wolfson Wohl Cancer Research Centre, Institute of Cancer Sciences, University of Glasgow, Garscube Estate/United Kingdom, 3West of Scotland Pancreatic Unit, Glasgow Royal Infirmary/United Kingdom, 4South Western Sydney Clinical School, Faculty of Medicine, University of New South Wales/Australia, 5University of California Los Angeles/United States of America

Stroma-Derived, Extracellular Vesicles Deliver Tumor-Suppressive miRNAs to Pancreatic Cancer
S. Han1, M. Feely1, D.H. Gonzalo1, M.H. Gerber1, B.B. Divita1, C. Forsmark2, S.J. Hughes1; 1Surgery, University of Florida, Gainesville/United States of America, 2Gastroenterology, University of Florida, Gainesville, FL/United States of America

Stromal Fibroblasts in PDAC Promote an Immunosuppressive Microenvironment Through Elevated SDF-1/CXCL12
B. Garg1, B. Giri1, V. Sethi1, S. Ramakrishnan1, E. Gilboa2, A. Saluja1, V. Dudeja1; 1Surgery, University of Miami, Miami/United States of America, 2Microbiology and Immunology, University of Miami, Miami/United States of America

Super-enhancers: Novel Therapeutic Targets in Pancreatic Cancer (PDAC)
C. Ghosh1, S. Paul1, S. Gunewardena1, C. West2, A. Dhar1; 1Cancer Biology, University of Kansas Medical Center, Kansas City, KS/United States of America, 2Genzada/United States of America

Systemic Inflammatory Response Syndrome at Presentation is Associated with Severe Acute Pancreatitis
D.X. Jin1, V.K. Singh2, S.L. Suleiman1, P.A. Banks1, J. McNabb-Baltar1; 1Center for Pancreatic Disease, Division of Gastroenterology, Hepatology, and Endoscopy, Brigham and Women's Hospital, Boston, MA/United States of America, 2Pancreatitis Center, Division of Gastroenterology, Johns Hopkins Hospital, Baltimore, MD/United States of America

Targeting elf4A dependent translation as therapeutics in pancreatic cancer
K. Singh; Cancer Biology and Genetics, Memorial Sloan Kettering Cancer Center, New York, NY/United States of America
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E. Durden1, I.H. Winer1, J. Vora2, K. Cappell1, N. Khandelwal2; 1Truven Health Analytics, an IBM Company, 2HEOR, Abbvie, Mettawa

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J.L. Huang1, C. Larocca1, K. Jacobsen2, J. Davydova3, M. Yamamoto4; 1University of Minnesota/ , 2Surgery, University Of Minnesota School of Medicine, MN/ , 3Surgery, University of Minnesota, Minneapolis, MN, 4University of Minnesota, Minneapolis, MN

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T. Ito, T. Sugiura, Y. Okamura, Y. Yamamoto, R. Ashida, K. Uesaka; Division of Hepato-Biliary-Pancreatic surgery, Shizuoka Cancer Center, Sunto-Nagaizumi, Shizuoka/Japan

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T. Fuji1, M. Kishiwa1, A. Hayasak1,2, Takeuchi1, Y. Iizawa1, T. Ito1, H. Kato1, A. Tanemura3, Y. Murata3, N. Kuriyama1,2, Azumi1,2, Mizuno1,2, Usui1,2, Sakurai1,2, Isaji1; 1Department of Hepatobiliary Pancreatic and Transplant surgery, Mie University, Tsu City/Japan, 2Hepatobiliary Pancreatic & Transplant Surgery, Mie University Graduate School of Medicine, Tsu/Japan, 3Hepatobiliary pancreatic and transplantation surgery, Mie university, Tsu, Mie/Japan

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R. Shimazaki1, S. Takano1, H. Yoshitomi1, K. Furukawa1, T. Takayashiki1, S. Kuboki1, D. Suzuki1, N. Saka1, S. Kagawa2, H. Nojima1, M. Ohtsuka1; 1Department of General Surgery, Chiba University, Chiba City/Japan, 2Department of General Surgery, Chiba University, Chiba/Japan

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J.P. Gurria1, P. Badia2, L. Hornung3, M. Abu-El-Haija4, D.A. Elder3, T.K. Lin5, L. Luchtman-Jones5, J.S. Palumbo6, J.D. Nathan7; 1General and Thoracic Surgery, Pancreas Care Center, Cincinnati Children's Hospital Medical Center, Cincinnati, OH/ , 2Cancer and Blood Diseases Institute, Cincinnati Children's Hospital Medical Center, OH/ , 3Cancer and Blood Diseases Institute, Hemangioma and Vascular Malformation Program, Cincinnati Children's Hospital Medical Center, Cincinnati, OH/ , 4Division of Pediatric Gastroenterology, Hepatology and Nutrition, Cincinnati Children's Hospital Medical Center, Cincinnati, OH/ , 5Cancer and Blood Diseases Institute, Hemangioma and Vascular Malformation Program, Cincinnati Children's Hospital Medical Center, OH/United States of America, 6Pancreas Care Center, Comprehensive Thrombophilia Center, Cincinnati Children's Hospital Medical Center, Cincinnati, OH/United States of America, 7Pancreas Care Center, Liver, Kidney and Intestinal Transplant Programs, Cincinnati Children's Hospital Medical Center, Cincinnati, OH/United States of America

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J.L. Saloman, K.M. Albers, B.M. Davis; Neurobiology, University of Pittsburgh, PA/United States of America

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H.B. Liu, G.X. Zhang; Tianjin Institute of Medical & Pharmaceutical Sciences/China
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J. David1, A. Torossian1, A. Hendifar2, N. Nissen3, R. Tuli1; 1Radiation oncology, Cedars Sinai Medical Center/United States of America, 2Department of Medicine, Cedars-Sinai Medical Center, CA/United States of America, 3Cedars Sinai Medical Center/United States of America

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A. Alasadi; Pharmacology, Rutgers-RWJMS, Piscataway/United States of America

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W. Wassef1, M. Mahmoud1, E. Vivian2, V. Singh3, P. Tarnasky2, N. Parsa4, S. Han5, S. Wani5, C.M. Wilcox6, S. Herndon6, S. Pandol7; 1Gastroenterology/Internal Medicine, UMassMemorial Medical Center, Worcester, MA/United States of America, 2Gastroenterology/Internal Medicine, Methodist Dallas Medical Center, Dallas, TX/United States of America, 3Gastroenterology/Internal Medicine, Johns Hopkins Hospitals, Baltimore, MD/United States of America, 4Gastroenterology/Internal Medicine, Johns Hopkins Hospitals, Baltimore/United States of America, 5Gastroenterology/Internal Medicine, University of Colorado Anschutz Medical Center, Aurora, CO/United States of America, 6Gastroenterology/Internal Medicine, University of Alabama, Birmingham, AL/United States of America, 7Gastroenterology/Internal Medicine, Cedars-Sinai Medical Center, Los Angeles, CA/United States of America

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P. Siddappa1, S. Chari1, M. Topazian1, M.J. Levy1, F. Gleeson1, R. Pearson1, B.T. Petersen1, M. Farnell2, M.L. Kendrick2, G. Thompson2, D. Farley2, S. Vege1; 1Gastroenterology and Hepatology, Mayo Clinic, Rochester, MN/United States of America, 2Surgery, Mayo Clinic, Rochester, MN/United States of America

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J.Y. Bang, M. Hasan, U. Navaneethan, R. Hawes, S. Varadarajulu; Center for Interventional Endoscopy, Florida Hospital, Orlando, FL/United States of America

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YAP signaling Mediates Pancreatic Ductal Adenocarcinoma (PDAC) Metastasis to the Liver
Q. Wang, M. Edderkaoui, G. Lam, C. Chheda, S.J. Pandol; Department of Medicine, Cedars-Sinai Medical Center, CA/United States of America

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J. Yang1, Y. Zhang2, X. Cui1, M. Li2; 1Department of Medicine, The University of Oklahoma Health Sciences Center/United States of America, 2Department of Medicine, The University of Oklahoma Health Sciences Center, Oklahoma City, OK/United States of America
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B. Giri1, V. Sethi2, B. Garg2, L. Hellmund2, S. Lavenia2, S. Ramakrishnan2, A. Saluja2, V. Dudeja2; 1Surgery, University of Miami, Miami/United States of America, 2Surgery, University of Miami/United States of America

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A Novel Transgenic Mouse Model of – Human Hereditary Pancreatitis
Y. Zhang1, G. Zhang1, X. Zhan1, L. Zhuang1, Y. Li1, Y. Yao1, J. Guo1, A. Haddock1, E. Radisky1, L. Zhang1, S. Pandol2, C. Logsdon3, Y. Bi1, B. Ji1; 1Mayo Clinic-FL/United States of America, 2Gastroenterology/Internal Medicine, Cedar-Sinai Medical Center, Los Angeles, CA/United States of America, 3MD Anderson Cancer Center/United States of America

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Jonas J. Staudacher1, Cemal Yazici1, Timothy Carroll1, Jessica Bauer1, Jingbo Pang2, Nancy Krett1, Yinglin Xia1, Annette Wilson3, Georgios Papachristou4, David C. Whitcomb3, Paul Grippi1, Giamila Fantuzzi2 and Barbara Jung1

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D. Yadav1, J.N. Abberbock2, J. Larusch3, V. Singh4, S. Sherman5, G. Cote6, S. Amann7, R.E. Brands8, N. Guda9, C. Forssmark10, C.M. Wilcox11, D.L. Conwell12, A. Slivka12, D.C. Whitcomb13; 1UPMC/United States of America, 2University of Pittsburgh/United States of America, 3Precision Medicine/United States of America, 4Johns Hopkins Medical Institutions/United States of America, 5Indiana University/United States of America, 6Medical University of South Carolina/United States of America, 7North Mississippi Medical Center/United States of America, 8University of Pittsburgh Medical Center/United States of America, 9University of Wisconsin/United States of America, 10Gastroenterology, University of Florida, Gainesville, FL/United States of America, 11Gastroenterology/Internal Medicine, University of Alabama, Birmingham, AL/United States of America, 12The Ohio State University Wexner Medical Center, OH/United States of America, 13University of Pittsburgh Medical Center, Pittsburgh/United States of America

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Autophagy is Related with Activation of Pancreatic Stellate Cells, Associated with Pancreatic Cancer Progression
K. Nakata, S. Endo, K. Ohuchida, Y. Mori, Y. Miyasaka, T. Ohtsuka, M. Nakamura; Department of Surgery and Oncology, Kyushu University/Japan

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Cathepsin C Affects Severity of Acute Pancreatitis by Regulating Activation of Neutrophil Enzymes
A. Aghdassi1, D. John1, J. Aschenbach1, M. Sendler1, F.U. Weiss1, J. Mayerle2, M.M. Lerch1; 1Department of Medicine A, University Medicine Greifswald/Germany, 2Department of Medicine II, University Hospital München-Grosshadern of the LMU, München/Germany

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J. Xue, W. He, J. Wu; School of Medicine, Shanghai Jiaotong University/China

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Indications and Clinical Outcomes for Pancreatectomy and Islet Autotransplantation (IAT) in a High Volume Pancreas Center
P.K. Siddappa1, Y.C. Kudva2, S. Chari1, M. Topazian1, M.J. Levy1, F. Gleeson1, P.K. Randall1, B.T. Petersen1, M. Farnell3, M.L. Kendrick3, S. Vege1; 1Gastroenterology and Hepatology, Mayo Clinic, Rochester, MN/United States of America, 2Endocrinology, Mayo Clinic, Rochester, MN/United States of America, 3Surgery, Mayo Clinic, Rochester, MN/United States of America
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Metformin Ameliorates Pancreatic Lesion Formation in Obese EL-Kras and KC Mice
K. Castellanos1, A. Rodriguez2, G. Fantuzzi1, P. Grippo3; 1Kinesiology & Nutrition, University of Illinois-Chicago, IL/United States of America, 2Dentistry, University of Illinois-Chicago, IL/United States of America, 3Medicine, University of Illinois-Chicago, IL/United States of America

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M. Cooley1, D. Thomas1, K. Deans1, Y. Peng1, L. Puglielli1, G. Groblewski2; 1University of Wisconsin/United States of America, 2University of Wisconsin-Madison, WI/United States of America

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R. Khosravi-Far1, H. Huseyn Otu2, X. Gu3, M. Bhasin3, T. Libermann3; 1BiomaRx, One Broadway, Cambridge, MA, University of Nebraska-Lincoln Department of Electrical and Computer Engineering, Nebraska, Department of Medicine, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA

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D. Williams1, T. Gana1, L. Sivapalan1, O. Butler1, R. Jackson1, P. Perez-Manca1, L. Barrera-Briceno1, I. Coppol1, T. Cox1, C. Goldring1, C. Halloran1, P. Ghanem1, D. Palmer1, O. Strobel2, W. Greenhal1, J. Neoptolemos1, E. Costello1; 1Molecular and Clinical Cancer Medicine, University of Liverpool, Liverpool/United Kingdom, 2Department of General, Visceral and Transplantation Surgery, University of Heidelberg, Heidelberg/Germany

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K. Koikawa1, K. Ohuchida1, Y. Ando1, S. Kibe1, H. Nakayama1, S. Takesue1, Z. Yan1, T. Abe1, T. Okumura1, C. Iwamoto2, T. Moriyama1, K. Nakata1, Y. Miyasaka1, Y. Okabe1, T. Ohtsuka1, K. Mizumoto1, M. Nakamura1; 1Department of Surgery and Oncology, Graduate School of Medical Sciences Kyushu University, Fukuoka/Japan, 2Department of Advanced Medical Initiatives, Graduate School of Medical Sciences, Kyushu University, Fukuoka/Japan

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Pirfenidone Treatment Attenuates Local and Systemic Inflammation in Acute Pancreatitis and Reduces Fibrosis in Chronic Pancreatitis.
J. George1, H. Cheema2, B. Giris3, R. Dawra4, A. Saluja4, V. Dudeja3; 1Department of Surgery, Sylvester Comprehensive Cancer Center, University of Miami, Miami, FL/United States of America, 2University of Miami/United States of America, 3Surgery, University of Miami, Miami/United States of America, 4Surgery, University of Miami/United States of America

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Voluntary Running Delays Development of Obesity-Induced Pancreatic Ductal Adenocarcinoma in Mice
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A Case of Minute Pancreatic Carcinoma with Focally Fatty Change of the Pancreatic Parenchyma
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M. Faghih1, M. Noe2, R. Moran2, N. Yahyapourjalaly2, O. Brewer Gutierrez2, T. Boortalary2, J.R. Azadi2, M. Fetrat2, A. Zaheer3, D.K. Andersen1, M. Makary2, A.M. O’Brien-Lennon2, V.K. Singh2; 1Johns Hopkins/United States of America, 2Pancreatitis Center, Division of Gastroenterology, Johns Hopkins Hospital, Baltimore, MD/United States of America, 3Department of Surgery and Oncology, Kyushu University, Fukuoka/Japan

A Metastatic Pancreatic Ductal Adenocarcinoma Animal Model with Clinical Relevance in Syrian Golden Hamster Induced by N-nitrosobis(2-oxopropyl) Amine
Y. Chen, H. Feng; School of Biomedical Sciences, The Chinese University of Hong Kong/Hong Kong PRC

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H. Nakayama1, K. Ohuchida2, S. Takesue1, S. Kibe1, Y. Ando3, T. Abe1, S. Endo2, K. Koikawa1, T. Okumura2, T. Moriyma2, K. Nakata2, Y. Miyasaka2, K. Shirahane2, Y. Tominaga3, T. Ohtsuka2, K. Mizumoto2, M. Nakamura2; 1Department of Surgery and Oncology, Graduate School of Medical Sciences Kyushu University, Fukuoka/Japan, 2Department of Surgery and Oncology, Kyushu University, Fukuoka/Japan, 3Department of Surgery and Oncology, Graduate School of Medical Sciences Kyushu University/Japan

A Phase 1/2 Trial to Evaluate the Pharmacokinetics, Safety, and Efficacy of NI-03 in Patients With Chronic Pancreatitis
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F.F. Van Den Berg1, R. Kempenaar1, M. Boermeester1, M.G.H. Besselink1, H.C. Van Santvoort2, Y. Issa1; 1Surgery, Academic Medical Center, Amsterdam/Netherlands, 2St. Antonius/Netherlands
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Y. Miao1, B. Cai2, L. Yin2, Z. Lu2, K. Jiang2, M. Li3, C. Dai2, J. Wu2, W. Gao2, C. Xi2, J. Wei2, J. Chen2, F. Gu2; 1Pancreas Center, The First Affiliated Hospital of Nanjing Medical University/China, 2Pancreas Center, The First Affiliated Hospital of Nanjing Medical University, Nanjing/China, 3Department of Pathology, The First Affiliated Hospital of Nanjing Medical University, Nanjing/China

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L. Zhuang, X. Zhan, Y. Yao, Y. Zhang, J. Guo, F. Gui, J. Chen, A. Haddock, Y. Bi, B. Ji; Mayo Clinic-FL/United States of America

BET Inhibitors Suppress PD-L1 in Pancreatic Cancer and Stellate Cells
K. Kumar, K. Ebine, B.T. DeCant, K.A. Collier, T.N. Pham, H.G. Munshi; Northwestern University, Chicago, IL

Biochemical and Genetic Predictors of Overall Survival in Patients with Metastatic Pancreatic Cancer Treated with capecitabine and Nab-Paclitaxel
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Bone Health Assessment in Patients with Chronic Pancreatitis
A. Kanakis, K. Vipperla, G. Papachristou, R.E. Brand, A. Slivka, D.C. Whitcomb, D. Yadav; University of Pittsburgh Medical Center, Pittsburgh/United States of America

Bone Health Parameters among Chronic Pancreatitis patients who are at high-risk or have Exocrine Pancreatic Insufficiency (EPI)
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Cancer Risk in Patients Meeting AGA 2015 Management Criteria for Pancreatic Cystic Lesions
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Chronic Consumption of Ethanol Decreases Trimethylation at Lys9 and Phosphorylation at Ser10 of Histone H3 in rat pancreas.
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Cigarette Smoke Augments Pancreatic Cancer Stem Cells by Activating Pafl/PD2-mediated Stem Cell Signatures
R.K. Nimmakayala, P. Seshacharyulu, I. Lakshmanan, S. Rachagani, S. Chugh, S.K. Batra, M. Ponnusamy; BIOCHEMISTRY AND MOLECULAR BIOLOGY, University of Nebraska Medical Center, DRC1 7056, UNIVERSITY OF NEBRASKA MEDICAL CENTER, Omaha, NE/United States of America

Circulating Pancreatic stellate cells (cPSCs) and Tumour cells (CTCs) in Metastatic Pancreatic Cancer
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T. Abe, K. Nakata, Y. Mori, Y. Miyasaka, K. Ohuchida, T. Ohkuma, M. Nakamura; Department of Surgery and Oncology, Graduate School of Medical Sciences Kyushu University, Fukuoka/Japan

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D. Lew1, B. Wu2, S.J. Pandol1, C. Sugar3, D. Senturk3, E. Afghani1; 1Cedars Sinai Medical Center/United States of America, 2Kaiser Permanente Los Angeles/United States of America, SUCLA/United States of America
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H. Lu, L. Zhang, S. Lu, D. Yang, M. Li, W. Hu; Pancreatic surgery, West China Hospital, Chengdu/China

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Y. Peng, Y. Zhu, Z. Lu, L. Yin, J. Wei, C. Xi, Y. Miao; Pancreas Center, The First Affiliated Hospital of Nanjing Medical University, Nanjing/China

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Y. Yokoi1, M. Kikuyama2, T. Satoh3; 1Shinshiro Municipal Hospital/Japan, 2Tokyo Metropolitan Cancer and Infectious Disease Center Komagome Hospital/Japan, 3Shizuoka General Hospital/Japan

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A.E. Phillips1, A.S. Wilson1, G. Papachristou1, 2, D.C. Whitcomb1; 1Division of Gastroenterology, Hepatology, and Nutrition, University of Pittsburgh Medical Center, Pittsburgh/United States of America, 2VA Pittsburgh Health Care and University of Pittsburgh/United States of America

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J. Itakura, M. Watanabe, N. Hosomura, H. Amemiya, H. Kawaida, H. Okamoto, H. Kouno, D. Ichikawa; Surgery, University of Yamanashi, Yamanashi/Japan

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S. Urayama1, A. Habib2; 1Internal Medicine/Gastroenterology, University of California, Davis/United States of America, 2Internal Medicine, University of California, Davis, CA/United States of America
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L. Deng1, Q. Tan1, T. Jin1, K. Jiang1, J. Guo1, X. Yang1, W. Huang1, L. Sun2, Q. Xia1; 1Department of Integrated Traditional Chinese and Western Medicine, West China Hospital of Sichuan University/China, 2West China Biomedical Big Data Center, West China Hospital of Sichuan University/China

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Idiopathic (IRF) and IgG4 associated retroperitoneal fibrosis. Clinical and imaging characteristics; treatment response to steroids monotherapy vs tamoxifen + steroids
A. Soriano ?, M. Pelayz Luna, J. Hernandez Calleros, L. Uscanga Dominguez; Gastroenterology, Instituto Nacional de Ciencias Médicas y Nutrición Salvador Zubirán, Mexico City/Mexico

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L. Lozinska1, 2, J. Woli?ski3, K. Goncharova1, 4, B. Weström1, S.G. Pierzynowski1, 4; 1Biology, Lund University, Lund/Sweden, 2Vitanano Sp. z o.o., Lublin/Poland, 3Animal Physiology, The Kielanowski Institute of Animal Physiology and Nutrition, Polish Academy of Sciences, Jab?onka/Poland, 4Anara AB, Trelleborg/Sweden

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F. Messaggio, N. Nagathihalli, N. Merchant, M.N. VanSaun; Department of Surgery, University of Miami Miller School of Medicine, Sylvester Comprehensive Cancer Center, Miami/United States of America

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Z. Yan1, K. Ohuchida2, W. Guan1, H. Feng1, S. Kibe1, Y. Ando1, K. Nakata2, K. Shindo2, H. Toma3, Y. Tominaga1, Y. Miyasaka2, T. Ohitsuka2, M. Nakamura2; 1Department of Surgery and Oncology, Graduate School of Medical Sciences Kyushu University, Fukuoka/Japan, 2Department of Surgery and Oncology, Kyushu University, Fukuoka/Japan, 3Harasanshin Hospital, Fukuoka/Japan, 4Fukuoka Sanno Hospital, Fukuoka/Japan

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L. Yin, Y. Peng, Z. Lu, J. Wei, Y. Fu, S. Guo, X. Zhu, X. Liu, Y. Zhu, J. Zhang, Y. Miao; Pancreas Center, The First Affiliated Hospital of Nanjing Medical University, Nanjing/China

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A.K. Dasyam1, T. Tirkes2, Z.K. Shah3, G. Tang4, K. Vipperla5, P.J. Greer6, M. Topazian7, E.L. Fogel8, D. Conwell9, D. Yadav10, N. Takahashi11; 1Radiology, University of Pittsburgh Medical Center, Pittsburgh, PA/United States of America, 2Radiology, Indiana University, IN/United States of America, 3Radiology, The Ohio State University Wexner Medical Center, OH/United States of America, 4Biostatistics, University of Pittsburgh, PA/United States of America, 5University of Pittsburgh Medical Center, Pittsburgh/United States of America, 6Gastroenterology, University of Pittsburgh, Pittsburgh/United States of America, 7Gastroenterology, Mayo Clinic, MN/United States of America, 8Gastroenterology, Indiana University School Medicine, IN/United States of America, 9Gastroenterology, Ohio State University Wexner Medical Center, OH/United States of America, 10Gastroenterology, University of Pittsburgh Medical Center, Pittsburgh, PA/United States of America, 11Radiology, Mayo Clinic, MN/United States of America
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A.C. Rodriguez1, L.K. Mejia2, P. Kandel1, M. Wallace1, T. Woodward1, V. Gomez1, J. Stauffer3, H. Asbun3, M. Raimondo1; 1Gastroenterology and Hepatology, Mayo Clinic Florida, FL/United States of America, 2Internal Medicine, Cleveland Clinic Ohio/United States of America, 3General Surgery, Mayo Clinic Florida, FL/United States of America

Isolated Roux Loop Pancreaticojejunostomy Versus Single Loop Pancreaticojejunostomy After Pancreatoduodenectomy: a Retrorospective Cohort Study  
A. Chhaidar, M. Ben Mabrouk, A. Ben Ali; General surgery, Sahloul Hospital, Sousse/Tunisia

Lin28B Facilitates the Progression and Metastasis of Pancreatic Ductal Adenocarcinoma (PDAC) by Downregulating Let-7 Expression  
Y. Wang, H. Wang; Institute of Hepatopancreatobiliary Surgery, Southwest Hospital, Third Military Medical University, Chongqing/China

Mesenteric Lymph as a Source of Circulating Cell-Free DNA in Acute Pancreatitis  
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Middle Segment Pancreatectomy: It's Complications and Safety.  
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Most Chronic Pancreatitis Patients Continue Smoking After Their Diagnosis  
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Nerve-Cancer-Immune Network in Pancreatic Ductal Adenocarcinoma: Focused on GABRP  
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Non-Alcohol - Non-Biliary Pancreatitis is Associated with Increased Readmission for Pancreatitis in the First 30 Days.  
H. Zhang, M. Ling, J. Cho, B. Chong, M. Quezada, N. Gupta, J. Buxbaum; Gastroenterology and Hepatology, University of Southern California Keck School of Medicine, Los Angeles, CA/United States of America

Novel Patient-derived Xenograft Tumor and Cell Line from a Non Functioning Neuroendocrine Tumor of the Pancreas.  
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Nox1-Derived Reactive Oxygen Species Deteriorates the Pancreatic Exocrine Function in Middle-Aged Mice
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Outcomes of Pancreatic Cysts Managed According to AGA Guidelines
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Pancreatic Acinar Cell-Derived Exosomes: Mediators of Injury?
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Pancreatic Gene Expression During Recovery After Pancreatitis Reveals Unique Transcriptome Profiles
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Pancreatic Pseudocysts and Parenchymal Necrosis in Patients with Autoimmune Pancreatitis: A Systematic Review
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Pancreaticoduodenectomy for Presumed Malignancy - Is a Preoperative Biopsy a Must?
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PD2 Functions as the Master Regulator of Stem Cell Network Genes in Pancreatic Cancer
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Pediatric Normal Values for Pancreatic Exocrine Function Measured by Secretin-Stimulated MRI
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The Molecular Mechanism of m6A Modification in Regulating lncRNA-KCNK 15-AS1 Mediated Pancreatic Cancer Invasion and Metastasis
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The Ohio State University Pancreas Disorders Network U-BioCHIP Platform - An Update
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The Prevalence of Diabetes Mellitus is Significantly Higher for Patients Undergoing Surgery for Pancreatic Ductal Adenocarcinoma Compared to Surgery for Other Pancreatic Pathologies.
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The role of Bedside Ultrasonography in Monitoring Postoperative Course after Pancreaticoduodenectomy
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The Role of Nuclear Lamina Dynamics in KRAS-Induced Pancreatic Transformation
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The Utility of Endoscopic Ultrasound in Patients with Isolated Serum Elevations in Amylase and/or Lipase: A Single Center Experience
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Therapy with Agent 767 After established severe Acute Pancreatitis (SAP) reduces Severity and Improves Survival.
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Understanding Pancreatic Cancer: National Pancreas Foundation's (NPF) Animated Pancreas Patient (APP) - Informing Patients for Better Health Outcomes
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