

AMERICAN
PANCREATIC
ASSOCIATION

49TH ANNUAL MEETING

In Collaboration with:

International Association
of Pancreatology

Oct.31-Nov.3,2018|EdenRocHotel|MiamiBeach,FL

CMEProvider:UniversityofMiami,MillerSchoolofMedicine

DRAFT



Governing Board

Darwin Conwell, MD – President
Miklos Sahin-Toth, MD, PhD – Past President
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Joe Hines, MD – Councilor
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Aida Habtezion, MD - Councilor

APA CONTACT INFORMATION

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Governing Board

Suresh Chari, MD – President
Tooru Shimosegawa, MD – Past President
Thomas Gress, PhD – President Elect
Pramod Garg, MD – Secretary
Santhi Vege, MD – Treasurer

Message from the President

Dear Friends and Colleagues,

On behalf of our society's governing board and organization committee, I am honored to welcome you back to Miami for the **49th Annual Meeting of the American Pancreatic Association (APA)** October 31-Nov 3, 2018. It is indeed an honor and a blessing to serve as the 39th president of the American Pancreatic Association. The mission of the APA is to foster clinical and basic science research needed to cure diseases of the pancreas. The annual meeting is critical to the success of our mission. This year we are hosting a joint meeting with the International Association of Pancreatology (IAP).

In recent years the APA membership has enjoyed the movement of our meeting to very warm, sunny and bright locations, like San Diego and Miami. I am happy to report we are back to one of my personal favorite spots, on Miami Beach. We promise another wonderful and invigorating meeting with exchange of research ideas and fostering of collaborative efforts in the areas of pancreatitis and pancreas cancer.

The Pre-meeting, Wednesday session will be an **APA/IAP Combined Symposium** on pancreatic diseases induced diabetes. Dr. Suresh Chari, IAP President, has put together an international panel of experts to discuss this important relationship. Session topics will include: the interplay between insulin resistance and beta cell dysfunction, and a better understanding of the pathophysiology and mechanisms of diabetes as it relates to acute and chronic pancreatitis, cystic fibrosis and pancreas cancer. The **Annual Hirshberg Symposium** will address the relationship between the microbiome and pancreas cancer.

The core 2018 APA/IAP Meeting, Thursday - Saturday will utilize the traditional formats of abstract-driven scientific sessions and symposia to cover a variety of basic and clinical topics related to diseases of the pancreas. Special thanks to Dr. Ashok Saluja, Secretary-Treasurer APA, and the committee co-chairs for developing a state of the art symposia. Topics this year will include necrotizing pancreatitis, advances in pancreas cancer therapeutics; recurrent, acute and chronic pancreatitis; early detection of pancreas cancer, drug-induced pancreatitis, novel pancreatitis therapy and hereditary pancreas cancer. Several **NIH consortiums** (POST, CPDPC, SHARP and INSPPIRE) in pancreatic diseases will be featured throughout the program with opportunities to interact and collaborate with the principal investigators. Furthermore, we will have another **PANCAN Young Investigators Symposia** this year and several state-of-the-art lectures honoring noted pancreatologists, including Frank Brooks, Paul Webster, and George Palade.

In addition to our scientific sessions with abstract presentations from research scientists from around the world, we will have breakfast, lunch and dinner receptions that foster an environment for exchange of research ideas and collaboration. Featured evening dinners and receptions will include our **Women in Pancreas Reception**, Presidential Reception, and Annual Awards Dinner. We are extremely grateful for the support of several foundations and corporate sponsors that enhance our program. This year's APA/IAP meeting promises to be one of the best attended events in our history. Hundreds of abstracts and numerous speakers from around the globe will be presenting innovative, novel and cutting-edge poster and oral research abstracts. Please encourage your junior investigators and colleagues across collaborating disciplines to submit abstracts and attend this upcoming event in warm and sunny Miami!

I am looking forward to seeing you all. Safe travels.

Darwin L. Conwell, MD, MSc, FACC

APA President

Floyd Beman Chair in Gastroenterology, Hepatology and Nutrition

Director, Division of Gastroenterology, Hepatology and Nutrition

The Ohio State University Wexner Medical Center, Columbus, Ohio



ACCREDITATION



UNIVERSITY OF MIAMI
MILLER SCHOOL
of MEDICINE

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.
4. Utilize the novel therapies for the treatment of pancreatic exocrine insufficiency.
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.

YOUNG INVESTIGATOR AWARD WINNERS

Toshiya Abe	Max Heckler	Scott Messenger
Anu Aronen	Eszter Hegyi	Sajan Jiv Singh Nagpal
Brian Boone	Kim Honselmann	Koh Nakamaru
Alexander Boucher	Masayasu Horibe	Anna Nurmi
Parthasarathy Chandrakesan	Rahat Jahan	Salvatore Paiella
Michelle Cooley	Aparna Jakkampudi	Teresa Pan
Prasad Dandawate	Zsanett Jancso	Honit Piplani
Chinenye Dike	Harika Kandlakunta	Kumari Priyam
Subhankar Dolai	Tossapol Kerdsirichairat	Subhaleena Sarkar
Melissa Fenech	Kazuhiro Koikawa	Na Shi
Fabian Frost	John Kokkinos	Carlos Roberto Simons-Linares
Alejandro Garces-Descovich	Sanchuan Lai	Kamini Singh
JOHN GEORGE	Mira Lanki	Zhihong Xu
Amir Gougol	Mingyang Liu	Xinmin Yang
Fu Gui	Songsong Liu	Cemal Yazici
Samuel Han	Thomas Mace	Lu-Lu Zhai
Thomas Hank	Kendall McEachron	Xiaohui Zhu

ABSTRACT SELECTION COMMITTEE

Sulagna Banerjee - University of Miami	Kazuichi Okazaki - Kansai University, Japan
Howard Crawford - University of Michigan	Marina Pasca di Magliano - University of Michigan
Carlos Fernandez-del Castillo - Harvard/MGH	Max Reichert - Technical University of Munich
Toru Furukawa- Tokyo Woman's Medical University, Japan	Miklos Sahin-Toth - Boston University
Pramod Garg- AIIMS, India	Veena Sangwan - McGill University, Canada
Guy Groblewski- UW, Madison	Kyoko Shimizu - Tokyo Women's University, Japan
Anna Gukovskaya- UCLA	Vijay Singh - Mayo Clinic, Arizona
Aida Habtezion- Stanford University	Vikesh Singh - Johns Hopkins
Joe Hines- UCLA	Kyoichi Takaori - Kyoto University, Japan
Karen Horvath- UW Seattle	Masao Tanaka - Kyushu University, Japan
Sohail Husain- Children's Hospital Pittsburgh	Margaret Tempero - UCSF
Min Li- The University of Oklahoma Health Sciences Center	Christina Twyman-St. Victor - UPenn
Atsushi Masamune -Tohoku University, China	Aliye Uc - University of Iowa
Julia Mayerle - Ludwig-Maximilians- University, Germany	Bechien Wu - Kaiser Permanente
Nipun Merchant -University of Miami	

MEETING AT A GLANCE

WEDNESDAY, October 31

7:00 a.m. – 8:00 a.m.	Breakfast
8:00 a.m. – 3:30 p.m.	<i>Pancreatitis and Pancreatic Cancer Induced Diabetes</i>
12:00 p.m. – 1:00 p.m.	Lunch
5:00 p.m. – 7:00 p.m.	Hirshberg Opening Symposium: <i>Microbiome and Pancreatic Cancer</i>
7:00 p.m. – 9:00 p.m.	Presidential Reception

THURSDAY, NOVEMBER 1

7:00 a.m. – 8:15 a.m.	Breakfast & Poster Viewing
8:15 a.m. – 10:00 a.m.	Pancreatic Cancer Abstract Session I
10:15 a.m. – 11:45 a.m.	Mini Symposium: <i>Necrotizing Pancreatitis</i>
11:45 a.m. – 12:15 p.m.	Paul Webster State of the Art Lecture
12:15 p.m. – 2:00 p.m.	Lunch & Poster Session
2:00 p.m. – 3:15 p.m.	Pancreatitis Abstract Session I
3:15 p.m. – 4:15 p.m.	Mini Symposium: <i>Advances in Therapeutics: Phase II Trial Updates and New Targets</i>
4:30 p.m. – 6:00 p.m.	Mini Symposium: <i>Recurrent Acute and Chronic Pancreatitis</i>
7:00 p.m. – 10:00 p.m.	Reception & Awards Dinner

FRIDAY, NOVEMBER 2

7:00 a.m. – 8:15 a.m.	Breakfast & Poster Viewing
8:30 a.m. – 10:00 a.m.	Pancreatic Cancer Abstract Session II:
10:00 a.m. – 10:30 a.m.	Frank Brooks State of the Art Lecture
10:45 a.m. – 12:00 p.m.	Mini Symposium: <i>Current Efforts Towards Early Detection of PDAC</i>
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. – 3:00 p.m.	George Palade State of the Art Lecture
3:15 p.m. – 4:15 p.m.	Parallel Session: Preventing Drug-Induced Pancreatitis
3:15 p.m. – 4:15 p.m.	Parallel Session: Hereditary PDAC
4:15 p.m. – 5:30 p.m.	Parallel Session: Clinical Science Abstracts
4:15 p.m. – 5:30 p.m.	Parallel Session: Basic Science Abstracts
7:00 p.m. – 9:00 p.m.	Women in Pancreas Reception & Dinner

SATURDAY, NOVEMBER 3

7:00 a.m. – 8:15 a.m.	Breakfast
8:15 a.m. – 9:30 a.m.	Basic Pancreatology Abstract Session
9:30 a.m. – 10:30 a.m.	Parallel Session: PDAC Metabolism
9:30 a.m. – 10:30 a.m.	Parallel Session: Therapeutics for Pancreatitis
10:45 a.m. – 12:00 p.m.	Mini Symposium: <i>Controlling Systemic Inflammation and Organ Failure in Acute Pancreatitis</i>
12:00 p.m. – 1:00 p.m.	PANCAN Young Investigator Symposium
1:00 p.m. – 2:00 p.m.	Lunch

ONSITE REGISTRATION HOURS (Pompeii Lobby)

Wednesday, 10/31	7am – 7pm
Thursday, 11/1	7am – 5pm
Friday, 11/2	7am – 5pm
Saturday, 11/3	7am – 12pm

SOCIAL EVENTS

PRESIDENTIAL RECEPTION

Wednesday, October 31 | 7:00 pm – 9:00 pm

Location | *Eden Roc Garden*

The Presidential Reception is held in honor of APA President Darwin L. Conwell.

AWARDS DINNER AND RECEPTION

Thursday, November 1 | 7:00 pm – 10:00 pm

Reception 7:00 pm – 8:00 pm

Location | Eden Roc I Foyer

Dinner 8:00 pm – 10:00 pm

Location | Eden Roc II

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 felicitations of Young Investigators awardees.

WOMEN IN PANCREAS DINNER AND RECEPTION

Friday, November 10, 7:00 pm – 9:00 pm

Reception & Dinner Location | Mona Lisa

All women registered are invited to attend this event. RSVPs are requested at registration desk.

Keynote Speaker: Margaret A. Tempero, MD
Director, UCSF Pancreas Center
Leader, Pancreas Cancer Program
Professor of Medicine, Division of Hematology and Oncology, UCSF

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
P.O. Box 352406
Miami, FL 33135

APA/IAP COMBINED PRE-MEETING SYMPOSIUM

Pancreatitis and Pancreatic Cancer Induced Diabetes

Program Committee Chairs | Darwin L. Conwell, Suresh Chari

Wednesday, October 31

Pompeii Ballroom

- 7:00 – 8:00am **Breakfast** | *Non-CME event*
Location | *Eden Roc II A*
- 8:00 – 8:05am **Introduction** | Darwin L. Conwell, MD, Ashok Saluja PhD, Suresh Chari, MD
- 8:05 – 8:15am **Classification of Diabetes Mellitus** | Dana Andersen MD
- 8:15 – 10:00am **Pathogenesis of Diabetes: the Interplay between Insulin Resistance and Beta-cell Dysfunction**
(105 min)
Moderator | Murray Korc, Aliye Uc
- State of the Art Lecture
Alan Saltiel, PhD, University of California, San Diego
The Study and Pathogenesis of Insulin Resistance
- Susan Bonner-Weir, PhD, Joslin Diabetes Center
Mechanisms of Beta cell Dysfunction
- Rohit Kulkarni, MD, PhD, Harvard Medical School
The Islets in Type 2 Diabetes Mellitus
- Amir Moheet, MD, University of Minnesota
Cystic Fibrosis-related Diabetes Mellitus: Epidemiology, Pathophysiology, and Management
- Panel Discussion
- 10:00 – 10:15am **Break**
Location | *Eden Roc I Foyer*

10:15 – 12:15pm
(120 min)

Pancreatic Cancer-related Diabetes Mellitus

Moderator | TBD

Anirban Maitra, MD, MD Anderson Cancer Center

Overview

State of the Art Lecture

Murray Korc, MD, Indiana University

Pathogenesis of Pancreatic Cancer-related Diabetes Mellitus

Phil Hart, MD, Ohio State University, Wexner Medical Center

Epidemiology of Diabetes in Pancreatic Cancer-related Diabetes Mellitus

Eithne Costello-Goldring, BSc, PhD, University of Liverpool

Biomarkers of Pancreatic Cancer-related Diabetes Mellitus

Suresh Chari, MD, Mayo Clinic, Rochester

Modelling to Identify Subjects with New-onset Diabetes at High Risk for Pancreatic Cancer

Yu-Xiao Yang, MD, University of Pennsylvania

Diabetes Mellitus and Pancreatic Cancer with Risk Stratification

Panel Discussion

12:15 – 1:00pm

Lunch | Non-CME event

Location | Eden Roc II A

1:00 – 2:15pm
(75 min)

Acute Pancreatitis and Chronic Pancreatitis-related Diabetes Mellitus

Moderator | Phil Hart & Julia Mayerle

State of the Art Lecture

Dhiraj Yadav, MD, MPH, University of Pittsburgh Medical Center

Epidemiology of Acute Pancreatitis- and Chronic Pancreatitis-related Diabetes Mellitus: Burden of Disease and Unanswered Questions

Melena Bellin, MD, University of Minnesota

Mechanisms of Hyperglycemia in Acute Pancreatitis- and Chronic Pancreatitis-related Diabetes Mellitus: Similarities and Differences

Kieren Mather, MD, Indiana University

Management of Acute Pancreatitis- and Chronic Pancreatitis-related Diabetes Mellitus: Research Gaps

Panel Discussion

2:15 – 3:45pm
(90 minutes)

Diabetes and the Exocrine Pancreas

Moderator | Suresh Chari

Ernesto Bernal Mizrahi, PhD, University of Miami

Insulin signaling: Crosstalk Between Acinar and Beta Cells

TBD

Changes in Exocrine Pancreatic Structure in Type 1 and Type 2 Diabetes

Nils Ewald, MD, PhD, University of Giessen

Changes in Exocrine Pancreatic Function in Type 1 and Type 2 Diabetes

Shounak Majumder, MD, Mayo Clinic Rochester

Clinical Significance of Diabetic Exocrine Pancreatopathy

Panel Discussion

49TH ANNUAL MEETING

Wednesday, October 31

5:00 – 7:00 pm

Hirshberg Symposium:

Microbiome and Pancreatic Cancer

Location | *Pompeii Ballroom*

Moderator | Joe Hines & Ashok Saluja

Christian Jobin, PhD, University of Florida College of Medicine

The Far Reaching Impact of Intestinal Microbiota in Cancer

George Miller, MD, NYU Medical Center

Is Pancreatic Cancer an Infectious Disease?

Vikas Dudeja, MD, University of Miami, Miller School of Medicine

The Gut Feeling: Pancreatic Cancer-Gut Microbiome Connection

Panel Discussion

7:00 – 9:00pm

Presidential Reception | *Non-CME event*

Location | *Eden Roc Garden*

THURSDAY, November 1

7:00 – 8:15am
(75 min)

Breakfast & Poster Viewing

Breakfast | *Non-CME event*
Location | *Eden Roc II*

Poster Viewing Session I
Location | *Eden Roc I*

8:15 – 10:00am
(105 min)

Pancreatic Cancer Abstract Session I (8-9)

Location | *Pompeii Ballroom*
Moderator |

CD200 Promotes Immunosuppression in the Pancreatic Tumor Microenvironment

F. Choueiry, R. Shakya, X. Zhang, M. Dillhoff, D. Conwell, W.E. Carson III, T.A. Mace. Divisions of Gastroenterology, Hepatology and Nutrition, Department of Internal Medicine, Comprehensive Cancer Center, Center for Biostatistics, Division of Surgical Oncology, Department of Surgery, The Arthur G. James Cancer Hospital and Richard J. Solove Research Institute, The Ohio State University, Columbus, OH.

Time Course of Metabolic and Soft Tissue Changes in Pre-diagnostic Pancreatic Cancer

A. Sharma, R.P. Sah, S. Nagpal, S.H. Patlolla, A. Sharma, H. Kandlakunta, R. Singh Angom, S. Vivekanandan, N. Takahashi, D. Mukhopadhyay, and S.T. Chari. Divisions of Gastroenterology and Hepatology and Radiology, Mayo Clinic, Rochester, MN; Department of Biochemistry and Molecular Biology, Mayo Clinic, Jacksonville, FL.

NetrinG1/NGL-1 Axis Promotes Pancreatic Tumorigenesis Through Cancer Associated Fibroblast Derived Nutritional Supply and Immunosuppression

Ralph Francescone III, Débora Barbosa Vendramini-Costa, Janusz Franco- Barraza, Jessica Wagner, Alexander Muir; Institute for Cancer Research, Fox Chase Cancer Center, Philadelphia, PA 19111, USA, Koch Institute for Integrative Cancer Research, Massachusetts Institute of Technology, 500 Main Street, Cambridge MA, 02139, USA

Delineating Prognostic and Biological Subgroups in Pancreatic Cancer Using Patient Transcriptomic Profiles

S. Sharma, S. Kaur, J. Iqbal, L. Smith, S.K. Batra.. University of Nebraska Medical Center, Department of Pathology and Microbiology, College of Public Health, Fred and Pamela Buffet Cancer Center, University of Nebraska Medical Center, Omaha, NE.

Cholinergic Signaling via Muscarinic Receptors Directly and Indirectly Suppresses Pancreatic Tumorigenesis and Cancer Stemness

Bernhard W. Renz, Takayuki Tanaka, Masaki Sunagawa, Ryota Takahashi, Marina Macchini, Zahra Dantes, Klinikum der Universität München, Klinik für Allgemeine, Viszeral-, Gefäß-, und Transplantationschirurgie, Germany, Division of Digestive and Liver Diseases and Herbert Irving Comprehensive Cancer Center, Columbia University Medical Center, New York, USA Department of Medicine II, Klinikum Rechts der Isar, Technische Universität München, 81675 Munich, Germany

Tumor Expression of Insulin-like Growth Factor-1 Receptor is Associated with Disease Recurrence and Mortality in Resected Pancreatic Ductal Adenocarcinoma.

V. Morales-Oyarvide, C. Du, A. da Silva, A. Dias Costa, M.M. Kozak, R.F. Dunne. Department of Medical Oncology, Dana-Farber Cancer Institute and Harvard Medical School, Boston, MA; Department of Oncologic Pathology, Dana-Farber Cancer Institute, Boston, MA; Department of Medical Oncology, National Cancer Center/Cancer Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China. Department of Pathology, Brigham and Women's Hospital and Harvard Medical School, Boston, MA; Department of Radiation Oncology, Stanford Cancer Institute, Stanford, CA; Department of Medicine, Division of Hematology and Oncology, Wilmot Cancer Institute, University of Rochester Medical Center, Rochester, NY

Alternative Splice Variants of DCLK1 in Pancreatic Tumor Cells Coordinates Macrophage Polarization and an Immunosuppressive Phenotype

P. Chandrakesan, N. Weygant, J. Panneerselvam, N. Ali, R. May, D. Qu, K. Pitts, S. Sureban, M. Bronze, M. Li, C.V. Roa and C. Houchen. Department of Medicine, OUHSC; Stephenson Cancer Center, OUHSC; COARE Biotechnology, Oklahoma City, OK VA of Oklahoma City, OK.

Germline Mutation Status as a Risk Factor for Neoplastic Progression Among High Risk Individuals Undergoing Pancreatic Surveillance

T. Abe¹, K. Tamura¹, M. Ford^{1,3}, P. McCormick⁴, M. Borges¹, J.A. Almario^{1,3}, A. Blackford², E.J. Shin³, A.M. Lennon³, R. Hruban¹, M.I. Canto^{1,3}, M. Goggins^{1,2,3}

¹Departments of Pathology, ²Oncology, ³Medicine, and, The Sol Goldman Pancreatic Cancer Research Center, The Johns Hopkins University School of Medicine, Baltimore, MD; ⁴University College Dublin, Leinster, Ireland.

10:00 – 10:15am
(15 min)

Break

Location | *Eden Roc I Foyer*

10:15 – 11:45am
(90 min)

Necrotizing Pancreatitis

Location | *Pompeii Ballroom*

Moderators | Yoshihisa Tsuji

Hana Algul, MD, Technische Universitat Munchen

TBD

Vikesh Singh, MD, Johns Hopkins

What Predicts Mortality in Necrotizing Pancreatitis

Martin Freeman, MD, University of Minnesota

Interventions for Necrotizing Pancreatitis

Marc Besselink, MD, University of Amsterdam

ESGE Guidelines for Management of Necrotizing Pancreatitis

Fred Gorelick, MD, PhD, Yale School of Medicine

Future Directions

Panel Discussion

11:45-12:15pm
(30 Min)

Paul Webster State of the Art Lecture

Location | *Pompeii Ballroom*

Moderator | Ashok Saluja

Nageshwar Reddy, MD, Asian Institute of Gastroenterology, Hyderabad, India

5 Decades of the Pancreatobiliary Endoscopy – The Changing Scenario

12:15 – 2:00pm
(105 min)

Lunch & Poster Session | *Non-CME event*

Location | *Eden Roc II A*

Poster Session

Location | *Eden Roc I*

Guided viewing of the posters of distinction – 1-2pm

Meet at Registration Location

Posters of Distinction

Targeting RNA-G Quadruplex Dependent Translation of KRAS as Therapeutics in Pancreatic Cancer

Presenting Author: Kamini Singh

Lipopolysaccharide Reduces Cancer Recurrence and Metastasis in an Mouse Model of Pancreatic Cancer

Presenting Author: Anthony Ferrantella

Scheduled Outpatient and Inpatient Opioid Use Leads to Long-Term Use in Patients with Early Chronic Pancreatitis

Presenting Author: Christopher Fan

Metabolic Reprogramming with β -alanine to Overcome Chemotherapy Resistance in Pancreatic Cancer

Presenting Author: Danny Yakoub

Cyclic AMP Response Element-binding Protein (CREB) Regulates Fibrosis in Alcoholic Pancreatitis

Presenting Author: Supriya Srinivasan

Pancreatic Ductal Adenocarcinoma Is Associated With Elevated Peripheral Blood Monocyte Counts

Presenting Author: Ayush Sharma

Pancreatic Triglyceride Lipase (PNLIP) Converts Mild Acute Pancreatitis (AP) into a Lethal Disease

Presenting Author: Cristiane de Olivera

New Onset Pre-diabetes: Clue to Pre-diagnostic Pancreatic Cancer

Presenting Author: Harika Kandlakunta

Engineering the Mouse Cationic Trypsinogen for Selective Activation by Cathepsin B

Presenting Author: Alexandra Demcsak

Pancreatic Acinar Carcinoma has Distinct Mutation Patterns than PDAC and Neuroendocrine Tumor

Presenting Author: Yan Bi

Absence of B and T Cells does not Affect Development and Severity of Chronic Pancreatitis.

Presenting Author: Hassam Cheema

Naltrexone and Methyl Naltrexone Reduce the Severity of Chronic Pancreatitis in Mouse Models.

Presenting Author: Ejas Palathingal Bava

Activation of Sonic Hedgehog (Shh) Pathway Leads to Fibrosis in Mouse Models of Chronic Pancreatitis.

Presenting Author: Mohammad Tarique

Metastasis-associated Fibroblasts Promote Tumor-angiogenesis in Metastasized Pancreatic Cancer via the Il-8 and the CCL2 Biological Axes

Presenting Author: Thomas Pausch

PAD4 Mediated Neutrophil Extracellular Traps (NETs) Promote Platelet Aggregation and Worsen Severity of Acute Pancreatitis

Presenting Author: Brian Boone

Association of Acinar Secretion and Autophagosome Formation via AP3-derived Clathrin Coated Vesicles

Presenting Author: Guy Groblewski

Generation of Immortal Pancreatic Acinar Cell Lines In vitro by Htert and Transdifferentiated Pluripotent Acinar Derived Cells

Presenting Author: Harrys Kishore Charles Jacob

Highly Exothermic Fatty Acid-membrane Phospholipid Interaction Results in Immune Cell Death Which Underlies Development of Infected Pancreatic Fluid Collections (PFCs).

Presenting Author: Biswajit Khatua

GAS5 Induces Quiescence in Cancer Stem Cells by Preventing Anabolic Pathways from Fueling Proliferation.

Presenting Author: Nikita Sharma

Gut Microbiota Depletion Attenuates Pancreatic Cancer Metastases

Presenting Author: Saba Kurtom

Systematic Review of Initial Recurrence Pattern After Resection for Pancreatic Cancer – Can we Predict Properly?

Presenting Author: Masayuki Tanaka

2:00 – 3:15pm
(75 min)

Pancreatitis Abstract Session I (6)

Location | *Pompeii Ballroom*

Moderators | Kazushige Uchida

Pancreatic Stellate Cell Activation is Mediated Through the SIN3a/HDAC Repressive Complex

J.F. Eisses, A. Mukherjee S.Z. Husain. Division of Pediatric Gastroenterology, UPMC Children's Hospital of Pittsburgh, University of Pittsburgh School of Medicine, Pittsburgh, PA.

A Step-up Approach or Open Necrosectomy for Necrotizing Pancreatitis: Long-term Follow-up of a Randomized Trial

R.A. Hollemans, Dept. of Surgery, Dept. of Radiology; University Medical Center Utrecht, Utrecht, the Netherlands

Effective Experimental Therapeutics in A Novel Humanized Animal Model of Hereditary Pancreatitis

F. Gui, Y. Zhang, X. Zhan, J. Wan, J. Chen, X. Zhu, A. Haddock, Y. Li, L. Zhang, S. Pandol, C. Logsdon, Y. Bi, B. Ji. Department of Cancer Biology and Gastroenterology, Mayo Clinic, Jacksonville, FL; Department of Pathology, Mayo Clinic, Rochester, MN; Department of Medicine, Cedars-Sinai Medical Center, Los Angeles, CA; Department of Cancer Biology, MD Anderson Cancer Center, Houston, TX.

Outcomes of Endoscopic Therapy in Patients with Acute Recurrent Idiopathic Pancreatitis Associated With and Without Pathogenic Gene Variants

T. Kersirichairat, M. Faghih, N.Y. Jalaly, O. Brewer Gutierrez, C. Fan, A. Kamal, V.S. Akshintala, C. Walsh, M.A. Makary, A. N. Kalloo, V. Kumbhari, M. A. Khashab, V.K. Singh Divisions of Gastroenterology and Hepatology and Surgical Oncology, Department of Surgery, Johns Hopkins Medical Institutions, Baltimore, MD.

Simvastatin Induces Mitophagy and Restores Cerulein Impaired Phagosome-lysosome Fusion to Reduce the Severity of Acute Pancreatitis

H. Piplani, S.M. Iannucci, J. Germano, J. Hou, J. Sin, Y. Sang, A. Gulla, B.U. Wu, R.T. Waldron, A. Lugea, A.M. Andres, R.A. Gottlieb, S.J. Pandol Smidt Heart Institute, Cedars-Sinai Medical Center, Los Angeles, CA; Departments of Medicine and Pathology, Cedars-Sinai Medical Center, Los Angeles, CA; Department of Surgery, MedStar Georgetown University Hospital; Vilnius University Hospital Santaros Klinikos, Lithuania; Center for Pancreatic Care, Kaiser Permanente Los Angeles Medical Center, Los Angeles, CA.

Exocrine Pancreatic Function Determines Major Shifts in Intestinal Microbiota Composition and Diversity

F. Frost, T. Kacprowski, M. Rühlemann, R. Bülow, J.P. Kühn, A. Franke, F.A. Heinsen, M. Pietzner, M. Nauck U. Völker, H. Völzke, A.A. Aghdassi, M. Sendler, J. Mayerle, F.U. Weiss, G. Homuth, M.M. Lerch. Department of Medicine, Functional Genomics, Interfaculty Institute for Genetics and Functional Genomics, and Diagnostic Radiology and Neuroradiology, University Medicine Greifswald, Greifswald, Germany; Chair of Experimental Bioinformatics, TUM School of Life Sciences Weihenstephan, Technical University of Munich, Freising, Germany; Institute of Clinical Molecular Biology, Christian Albrechts University of Kiel, Kiel, Germany; Institute of Radiology, University Medicine, Carl-Gustav-Carus University, Dresden, Germany; Institute of Clinical Chemistry and Laboratory Medicine.

Disordering of Endo-lysosomal System in Pancreatitis

O.A. Mareninova, I. Yakubov, I. Gukovsky, A.S. Gukovskaya. VA Greater Los Angeles Healthcare System and University of California at Los Angeles, CA

Factors Associated with Frequent Opioid Use in Children with Acute Recurrent or Chronic Pancreatitis

Emily R. Perito, Tonya Palermo, John Pohl, Maria Mascarenhas, Maisam Abu-El-Haija, Bradley Barth Melena Bellin, University of California San Francisco, San Francisco, CA, USA; Seattle Children's Hospital, Seattle, WA, USA; University of Utah, Salt Lake City, UT, USA Children's Hospital of Philadelphia, Philadelphia PA, USA Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA; University of Texas Southwestern Medical School, Dallas, TX, USA; University of Minnesota Masonic Children's Hospital, Minneapolis, Minnesota, USA;

3:15 – 4:15pm
(60 min)

Advances in Therapeutics: Phase II Trials Updates and New Targets

Location | *Pompeii Ballroom*

Moderator | Naohiro Sata

State of the Art Lecture

Margaret Tempero, MD, Helen Diller Family Comprehensive Cancer Center

Introduction to the APACT Trial

Gregory Beatty, MD, PhD, University of Pennsylvania

New Approaches to Immunotherapy

Eileen O'Reilly, MD, Memorial Sloan Kettering Cancer Center

PARP Inhibitors

Panel Discussion

4:15 – 4:30pm
(15 min)

Break

Location | *Eden Roc I Foyer*

4:30 – 6:00pm
(90 min)

Recurrent Acute and Chronic Pancreatitis

Location | *Pompeii Ballroom*

Moderator | Dhiraj Yadav, Darwin Conwell

Ashok Saluja, PhD, University of Miami Miller School of Medicine
Chronic Pancreatitis – Evolving Understanding of Pathogenesis

Miklos Sahin-Toth, MD, PhD and Andrea Geisz, PhD, Boston University
Role of Genetics in Recurrent Acute and Chronic Pancreatitis

Santhi Vege, MD, Mayo Clinic, Rochester
Drug Trials in Pancreatitis

Aliye Uc, MD, Stead Family Department of Pediatrics
Pediatric Pancreatitis – The INSPPIRE study

Greg Cote, MD, PhD, Medical University of South Carolina
Endoscopic Intervention for iRAP/Minor Papillotomy for Pancreas Divisum – The SHARP Trial

Melena Bellin, MD, University of Minnesota
The POST Trial

Panel Discussion

7:00 – 10:00pm

Awards Dinner & Reception | Non-CME event

Reception 7:00 – 8:00 pm
Location | *Eden Roc I Foyer*
Dinner 8:00 – 10:00 pm
Location | *Eden Roc II*

FRIDAY, November 2

7:00 – 8:15am
(90 min)

Breakfast & Poster Viewing

Breakfast | *Non-CME event*

Location | *Eden Roc II*

Poster Viewing Session II

Location | *Eden Roc I*

8:30 – 10:00 am
(90 min)

Pancreatic Cancer Abstract Session II (6)

Location | *Pompeii Ballroom*

Moderator | (TBD)

Pancreatic Cyst Surveillance Imposes Low Psychological Burden: Preliminary Results of the PACYFIC Study (BEST OF EPC)

Kasper A. Overbeek, Anne Kamps, Priscilla A. van Riet, Maria C. Di Marco, Giulia Zerboni, Jeanin E. van Hooft, Silvia Carrara, Claudio Ricci, Tamas A. Gonda, Erik Schoon, Marcin Polkowski, Georg Beyer, Pieter Honkoop, Laurens A. van der Waaij, Riccardo Casadei, Gabriele Capurso, Marco J. Bruno, Eveline M.A. Bleiker, Djuna L. Cahen. On behalf of the Pancreatic CYst Follow-up: an International Collaboration (PACYFIC) study work group

Manipulation of the Gut Microbiota Modulates Pancreatic Cancer Burden in Mice

V. Sethi, S. Kurtom, I. Fernandez, J. Kobinger, A. Ferrantella, H.K. Charles Jacob, B. Garg, B. Giri, P. Sharma, P. Roy, R. Dawra, M. Abreu, S. Roy, S. Ramakrishnan, A. Saluja V. Dudeja. Department of Surgery and Gastroenterology, Sylvester Comprehensive Cancer Center, University of Miami, Miami, FL.

Radical Surgery for Locally Advanced Pancreatic Cancer after Neoadjuvant Treatment: Resection Margin Status and its Prognostic Impact

U. Klaiher, E.S. Schnaidt, U. Hinz, U. Heger, M. Gaida, M.W. Büchler, T. Hackert. Department of General, Visceral and Transplantation Surgery, University of Heidelberg, Heidelberg, Germany; Institute of Pathology, University of Heidelberg, Heidelberg, Germany.

Hypoxia Mediated L-2-Hydroxyglutarate Accumulation Regulate Self-Renewal in Pancreatic Cancer

V.K. Gupta, N. Sharma, K. Kesh, R. Hadad, B. Durden, V. Dudeja, A. Saluja, S. Banerjee. Department of Surgery, University of Miami Miller School of Medicine, Miami, FL.

Surgical and Patient-Centered Outcomes after Pancreatic Resection for Screening-Detected Lesions in High-Risk Individuals for Pancreatic Cancer

M.I. Canto, T.Kerdsirichairat, M. Ford, M.G. Goggins, A. Blackford, A.A. Javed, T. Abe, R.H. Hruban, A.M.O. Lennon, A.P. Klein, I.R. Kamel, E.K. Fishman, M.J. Weiss, C.J. Yeo, R.D. Schulick, C. L. Wolfgang. Departments of Medicine (Gastroenterology), Pathology, Radiology, and Surgery, Johns Hopkins Medical Institutions, Baltimore, MD; Department of Surgery, Thomas Jefferson University, Philadelphia, PA; Department of Surgery, University of Colorado, Aurora, CO.

SetD2 is a Barrier to Inflammation- and Kras-driven Acinar-to-Ductal Metaplasia and PanIN Formation

P. Lu, N. Niu, Y. Sun, L. Li, J. Xue, State Key Laboratory of Oncogenes and Related Genes, Stem Cell Research Center, Ren Ji Hospital, School of Medicine, Shanghai Jiao Tong University, Shanghai, China; Department of Biliary-Pancreatic Surgery, Renji Hospital, School of Medicine, Shanghai Jiao Tong University, Shanghai, China; School of Biomedical Engineering and Med-X Research Institute, Shanghai Jiao Tong University, Shanghai, China

Hs-CRP, Albumin and CA19-9 after Neoadjuvant Therapy Predict Postoperative Survival in Borderline Resectable Pancreatic Ductal Adenocarcinoma

A. Nurmi, H. Mustonen, U.H. Stenman, C. Haglund, H. Seppänen
Departments of Surgery and Clinical Chemistry, University of Helsinki, Helsinki University Hospital, Finland, Research Programs Unit, Translational Cancer Biology, University of Helsinki, Finland.

10:00-10:30am
(30 min)

Frank Brooks State of the Art Lecture

Location | *Pompeii Ballroom*
Moderator | Anil Rustgi

Timothy Wang, MD, Columbia University
TBD

10:30 - 10:45am
(15 min)

Break

Location | *Eden Roc II Foyer*

10:45 - 12:00pm
(75 min)

Current Efforts Towards Early Detection of PDAC

Location | *Pompeii Ballroom*

Moderator | Anil Rustgi & Zobeida Cruz-Monserrate

Aatur D. Singhi, MD, PhD, University of Pittsburgh

An Update on Pancreatic Cystic Biomarkers for the Early Detection of Pancreatic Cancer

Somashekar G. Krishna MD, The Ohio State University

EUS-guided Confocal Endomicroscopy for the Differentiation of Pancreatic Cystic Lesions

Diane Simeone, MD, New York University

Who is at Risk? An Improved Strategy to Identify and Screen High Risk Individuals

Thomas Gress, PhD, University of Marburg, Germany

Screening for Pancreatic Cancer, Lessons from Familial Pancreatic Cancer: The Marburg FaPaCa-registry Experience

Panel Discussion

12:00 – 2:00 pm
(120 min)

Lunch & Poster Session | *Non-CME event*

Location | *Eden Roc II*

Poster Session

Location | *Eden Roc I*

Guided viewing of the posters of distinction – 1-2pm

Meet at Registration / Location | *Pompeii Ballroom Lobby*

Posters of Distinction

Carboxypeptidase Mutation Causes Misfolding and Chronic Pancreatitis in Mice

Presenting Author: Eszter Hegyi

Wnt/ β -catenin Signaling Plays Diverse Functions During the Process of Fibrotic Remodeling in the Exocrine Pancreas.

Presenting Author: Johanna Laukkanen

Assessment of Perioperative Body Composition at Bioimpedance Vector Analysis (BIVA) predicts Morbidity following Pancreatic Resection for Cancer

Presenting Author: Marta Sandini

Stromal Fibrosis in Tumor Periphery of Pancreatic Ductal Adenocarcinoma Following Neoadjuvant Chemotherapy Predicts Patient Outcome

Presenting Author: Yoko Matsuda

Surgical Techniques and Complications in Children and Adults Undergoing Total Pancreatectomy with Islet Autotransplantation: Updates from POST

Presenting Author: Jamie Nathan

Temporal Relationship Between SIRS, Organ Failure and Death in Acute Pancreatitis; Data From a Large, Multicenter, International Study (APPRENTICE Study Group)

Presenting Author: Amir Gougol

A Zinc Transporter ZIP4 Promotes Pancreatic Cancer Cell Adhesion, Proliferation and Spheroid Formation through Activating Zinc Dependent Transcription Factor (ZEB1)-Integrin-EGFR Signaling Axis.

Presenting Author: Minyang Lui

In the Setting of Asparaginase Exposure in Pancreatic Acinar Cells, Asparagine Synthetase Maintains Acinar Cell Homeostasis at Baseline and Upregulates to Mitigate Cell Injury

Presenting Author: Amitiva Mikherjee

A Unique Role for Calcineurin Derived from Bone Marrow versus Pancreas in the Setting of Acute Pancreatitis

Presenting Author: Li Wen

Reconsidering Lymphadenectomy for Locoregional Resectable Non-functioning Pancreatic Neuroendocrine Tumors

Presenting Author: Susanna de Geus

Deletion and Insertion Mutations in the Gene Encoding the Digestive Enzyme Carboxyl Ester Lipase (CEL): A Role in Pancreatic Disease?

Presenting Author: Anny Gravdal

Acute Pancreatitis in the United States: A Decade of Outcomes;

Presenting Author: Paul Kroner

Is Chronic Pancreatitis in Children a Multifactorial Disease?

Presenting Author: Grzegorz Oracz

Using Patient-derived PDAC Cells to Understand c-MYC Involvement in the Drug Resistance Mechanism of Pancreatic Cancer

Presenting Author: Erika Parasido

Pancreas-specific SNAP23 Depletion Impairs Acinar Cell Exocytosis and Activates Autophagy

Presenting Author: Subhankar Dolai

Development on an Indicator of Pancreatic-Leakage to Prevent Postoperative Pancreatic Fistula

Presenting Author: Thomas Pausch

The Pancreatitis Activity Scoring System and Timing of Oral Refeeding in Acute Pancreatitis

Presenting Author: Akihiko Satoh

Utility of Arginine Stimulation Testing in the Pre-operative Assessment of Children Undergoing TPIAT.

Presenting Author: Kendall McEachron

Lrig1 Positive Epithelial Cells Within PDGs Identify a Unique Mesenchymal Progenitor Compartment

Presenting Author: Pinaki Mondal

Role of NRF2 in the Inflammatory Response of Acute Pancreatitis

Presenting Author: Olga Mareninova

Pancreatic ERCP Training is Inadequate and Infrequently Performed in Independent Practice: Results from a Prospective Multicenter Study Evaluating Learning Curves and Competence among Advanced Endoscopy Trainees

Presenting Author: Samuel Han

2:00 - 2:30pm
(30 min)

Business Meeting

Location | *Pompeii Ballroom*

Presidential Address Darwin Conwell, MD

Secretary-Treasurer's Report Ashok K. Saluja, PhD

Report from the Nominating Committee

2:30 - 3:00pm
(30 min)

George Palade State of the Art Lecture

Location | *Pompeii Ballroom*

Markus Lerch, MD , FRCP, University of Greifswald

The Cellular Pathogenesis of Pancreatitis

3:00 – 3:15pm
(30 min)

Break

Location | *Eden Roc II Foyer*

3:15 - 4:15pm
(60 min)

Parallel Session: Preventing Drug-Induced Pancreatitis

Location | *Pompeii Ballroom*

Moderator | Sohail Husain

Joyce Korvick, MD, Food and Drug Administration (FDA)

Monitoring Drug-Induced Pancreatitis: Perspectives from the FDA

Thomas Leth Frandsen, PhD, University Hospital of Copenhagen

Asparaginase-associated Pancreatitis: A Major Problem for a Crucial Leukemia Drug

Aze Wilson, MD, Western University, Canada

Making Pharmacogenomic Inroads into Thiopurine-associated Pancreatitis

Panel Discussion

3:15 - 4:15pm
(60 min)

Parallel Session: Hereditary PDAC

Location | *Mona Lisa*

Moderator | Howard Crawford

Nicholas Roberts, PhD, Johns Hopkins Medicine

Discovery of Pancreatic Cancer Susceptibility Genes

Michael Goggins, MD

Familial Pancreatic Cancer: Recent Discoveries and Clinical Implications

Gloria Petersen, PhD

Susceptibility Mutations in Pancreatic Cancer Patients

Panel Discussion

4:15 - 5:30pm
(75 min)

Parallel Session: (Clinical Science Abstracts) (6)

Location | *Mona Lisa*

Keynote | Yi Miao

Histopathological Changes of Pancreatic Cancer Stroma Induced by nab-Paclitaxel

K. Ishido, D. Kudo, N. Kimura, T. Wakiya, K. Hakamada. Department of Gastroenterological Surgery, Hirosaki University Graduate School of Medicine.

Validation of Pancreatitis Activity Scoring System (PASS) in a Large, Prospective, Multicenter US Cohort (APPRENTICE Consortium)

P. Paragomi, I. Pothoulakis, V.K. Singh, T. Stevens, H. Nawaz, J. Easler, S.J. Thakkar, G.A. Cote, P.J. Greer, X. Tang, A. Gougol, G.I. Papachristou, B.U. Wu. University of Pittsburgh Medical Center, Pittsburgh, PA; Johns Hopkins University, Baltimore, MD; Cleveland Clinic, Cleveland, OH; Eastern Maine Medical Center, Bangor, ME; Indiana University School of Medicine, Indianapolis, ID; Allegheny Health Network, Pittsburgh, PA; Medical University of South Carolina, Charleston, SC. Kaiser Permanente, CA.

Comparison of Clinical Scoring Systems and Biomarkers for Early Prediction of Severe Acute Pancreatitis

N. Shi, X. Zhang, T. Jin, L. Li, W. Cai, X. Yang, L. Yao, R. Zhang, T. Liu, Z. Lin, K. Jiang, J. Guo, X. Yang, L. Deng, V. K. Singh, J.A. Windsor, R. Sutton, W. Huang, Q. Xia. Department of Integrated Traditional Chinese and Western Medicine, Sichuan Provincial Pancreatitis Centre and West China-Liverpool Biomedical Research Centre, West China Hospital, Sichuan University, China; Pancreatitis Center, Division of Gastroenterology, Johns Hopkins Medical Institutions, Baltimore, MD; Department of Surgery, School of Medicine, Faculty of Medical and Health Sciences, University of Auckland, New Zealand; Liverpool Pancreatitis Study group, Institute of Translational Medicine, University of Liverpool, UK

Pancreatic Secretory Trypsin Inhibitor (SPINK1) Gene Mutation in Patients with Acute Alcohol Pancreatitis (AAP) Compared to Healthy Controls and Heavy Alcohol Users without Pancreatitis

A. Nikkola, K.H. Herzig, K. Mäkelä, S.J. Mutt, T. Lehtimäki, M. Kähönen, O. Raitakari, I. Seppälä, P. Paakkanen, H. Seppänen, N. Isto, J. Sand, J. Laukkanen. Departments of Gastroenterology and Alimentary Tract Surgery, Clinical Chemistry and Clinical Physiology, Tampere University Hospital, Tampere, Finland; Faculty of Medicine and Life Sciences, University of Tampere, Finland; Research Unit of Biomedicine and Biocenter of Oulu, University of Oulu, Oulu, Finland; Department of Clinical Physiology and Nuclear Medicine, Turku University Hospital, Finland; Department of Surgery, Helsinki University Hospital, Helsinki, Finland; Päijät-Häme Central Hospital, Lahti, Finland.

Confocal Laser Endomicroscopy Detection of Advanced Neoplasia in IPMNs: An International External Interobserver and Derivation Study

S.G. Krishna, J.M. Dewitt, C.J. DiMaio, P. Kongkam, B. Napoleon, M.O. Othman, D. Tan, S. El-Dika, S. McCarthy, J. Walker, M.E. Dillhoff, A. Manilchuk, P.A. Hart, Z. Cruz-Monserrate, D.L. Conwell. Divisions of Gastroenterology, Hepatology and Nutrition and Surgical Oncology, The Ohio State University Wexner Medical Center, Columbus, OH; Division of Gastroenterology, Department of Medicine, Indiana University Hospital, Indianapolis, IN; Division of Gastroenterology, Icahn School of Medicine at Mount Sinai, NY; Department of Medicine, Faculty of Medicine, King Chulalongkorn Memorial Hospital, Chulalongkorn University, Bangkok, Thailand; Department of Gastroenterology, Ramsay Générale de Santé, Hôpital privé Jean Mermoz, Lyon, France; Section of Gastroenterology and Hepatology, Department of Medicine, Baylor College of Medicine, Houston, TX; Department of Gastroenterology and Hepatology, Singapore General Hospital, Singapore; Department of General Surgery, The Ohio State University Wexner Medical Center, Columbus, OH.

4:15 - 5:30pm

Parallel Session: (Basic Science Abstracts) (6)

Location | *Pompeii Ballroom*

Moderator | (TBD)

SHP2 is Required for Panin Development and PDAC Progression

F. Messaggio, N. Nagathihalli, N. Merchant, and M.N. VanSaun. Department of Surgery, University of Miami Miller School of Medicine, Sylvester Comprehensive Cancer Center, Miami, FL.

Chymotrypsin Protects Against Cerulein-induced Pancreatitis in Mice

Z. Jancso, M. Sahin-Toth. Department of Molecular and Cell Biology, Boston University Medical Center, Boston, MA.

Pirfenidone Treatment Potentiates Reversal of Well-established Chronic Pancreatitis in Mouse Model

E.P. Bava, A. Nikam, M. Tarique, H. Cheema, U. Hooda, R. Dawra, A. Saluja, V. Dudeja. Department of Surgery and Sylvester Comprehensive Cancer Center, University of Miami Miller School of Medicine, Miami, FL.

Genetic Deletion of AMPK Leads to Mitochondrial Dysfunction, Elevated Hif1- α and Pancreatic Injury That Worsens With Age

C. Shugrue, E. Schmidt, M. Foretz, B. Viollet, F. Gorelick. Department of Internal Medicine, Section of Digestive Diseases, Institut Cochin, INSERM, Paris, France, Veterans Administration Connecticut Healthcare, West Haven and Department of Cell Biology, Yale University School of Medicine, New Haven, CT

Tff2+ Cells in the PDG Compartment Regenerate the Main Duct Epithelia After Inflammatory Injury

V. Kansal, P. Mondal, D. Maroni, K.L. McAndrews, J. D. Price, S.P. Thayer. Surgical Oncology, University of Nebraska Medical Center, Fred & Pamela Buffett Cancer Center, Omaha, NE.

7:00 – 9:00pm

Women in Pancreas Reception & Dinner | *Non-CME event*

Location | *Mona Lisa*

Keynote Speaker | **Margaret Tempero**

Co-chairs | Aida Habtezion, MD, MSc, Sulagna Banerjee, PhD, Aliye Uc, MD

SATURDAY, November 3

7:00 – 8:15am Breakfast
Location | *Eden Roc II*

8:15 – 9:30am **Basic Pancreatology Abstract Session (6)**
Location | *Pompeii Ballroom*
Moderators |

Disruption of endosomal trafficking by knockout of Tumor Protein D52 results in acinar damage and proliferation independent of an immune response.

E.K. Jones, D.D.H. Thomas, E.J. Phelan, M.M. Cooley, N Ly, G.E. Groblewski. Program in Biochemical and Molecular Nutrition, University of Wisconsin, Madison, WI.

Impaired Bacterial Clearance Underlies the Progression of Sterile to Infected Necrosis and Sepsis

A. Bag, B. Khatua, C. de Oliveira, V.P. Singh. Department of Medicine, Mayo Clinic, Scottsdale, AZ.

PMCA Pump Dysfunction Leads to Ca²⁺ Overload and Pancreatic Ductal Epithelial Cell Damage in Cystic Fibrosis

T. Madacsy, A. Varga, A. Schmidt, J. Fanczal, P. Pallagi, Z. Rakonczay, P. Hegyi, Z. Razga, A. Kleger, I. Nemeth, M. Gray, J. Maleth. University of Szeged, First Department of Medicine; MTA SZTE Momentum Epithel Cell Signalling and Secretion Research Group, Szeged, Hungary; University of Szeged, Department of Pharmacology, Szeged, Hungary; University of Szeged, Department of Pathophysiology, Szeged, Hungary; University of Pécs, Institute for Transl. Med. & 1st Dep. of Medicine, Pécs, Hungary; MTA-SZTE Transl. Gastroenterology Research Group, Szeged, Hungary; University of Szeged, Department of Pathology, Szeged, Hungary; Department of Internal Medicine I, University Medical Center Ulm, Ulm, Germany; University of Szeged, Department of Dermatology, Szeged, Hungary; Newcastle University, Institute for Cell and Molecular Biosciences, Newcastle, United Kingdom.

High-Efficient Pancreatic Specific Gene Manipulation in FLPo Transgenic Mice

X. Zhu, F. Gui, J. Chen, J. Wan, Y. Bi, B. Ji. Departments of Cancer Biology and Gastroenterology and Hepatology, Mayo Clinic, Jacksonville, FL.

The SNARE Priming Factor Calcium-Dependent Activator Protein for Secretion 2 (CAPS2) Regulates Trypsinogen Trafficking and Exocrine Pancreas Homeostasis

S.W. Messenger, S.E. Maciuba, T.F. Martin. Department of Biochemistry, University of Wisconsin, Madison, WI

Pancreatic Atrophy and Dysfunction after Total Gastrectomy

Y. Takeyama, S. Satoi, I. Katsumoto, Y. Kimura, T. Yasuda. Divisions of Hepato-Biliary-Pancreatic Surgery and Upper Gastrointestinal Surgery, Department of Surgery, Kindai University Faculty of Medicine, Osaka, Japan.

9:30 – 10:30am
(60 min)

Parallel Session: PDAC Metabolism

Location | *Pompeii Ballroom*

Moderator |

Igor Astsaturov, MD, PhD
TBD

Costas Lyssiotis, PhD
Metabolic Networks in the Pancreatic Tumor Microenvironment

Sulagna Banerjee
Hexosamine biosynthesis pathway and self-renewal: Sweet road of survival in pancreatic cancer stem cells

Kyoichi Takaori, PhD, Kyoto University, Japan
Maintenance of the exocrine pancreas and development of PDAC and IPMN with special reference to SOX9 expression

Panel Discussion

9:30 – 10:30am
(60 min)

Parallel Session: Therapeutics for Pancreatitis

Location | *Mona Lisa*
Moderators |

Chris Forsmark, MD, University of Florida
An Update on the Management of Exocrine Pancreas Insufficiency

Andres Gelrud, MD, Baptist Health Systems
Diagnosis and Treatment Options for Hyperlipidemic Pancreatitis

Vijay Singh, Mayo Clinic, Scottsdale, AZ
Role of Fatty Acids and Strategies to Counter their Effects

Panel Discussion

10:30 – 10:45am
(15 min)

Break
Location | *Eden Roc II*

10:45 – 12:00pm
(75 min)

Controlling Systemic Inflammation and Organ Failure in Acute Pancreatitis

Location | *Pompeii Ballroom*

Moderator | Robert Sutton, Stephen Pandol

Pramod Garg, MD, All India Institute of Medical Sciences

Why Do We Need to Target Systemic Inflammation and Where Are We?

Julia Mayerle, MD, Munich Germany

Cytokines and How to Target Them

Sohail Husain, MD, University of Pittsburgh

Role of Calcium in Early Inflammatory and Mitochondrial Events in Pancreatitis

Peter Hegyi, MD, Pecs, Hungary

Early Energy Supplementation to Prevent Organ Failure

Panel Discussion

12:00 – 1:00pm
(60 min)

PANCAN Young Investigator Symposium (3 Speakers)

Location | *Pompeii Ballroom*

Moderator | Nipun Merchant

Andrew Aguirre, MD, PhD, Dana-Farber Cancer Institute

Functional Genetic Discovery of Novel Targets in Pancreatic Cancer

Eugene Koay, MD, PhD, MD Anderson Cancer Center

Changes in Mass Transport as a Biomarker of Response in Pancreatic Cancer

Amber Simpson, PhD, Memorial Sloan-Kettering Cancer Center

Next Generation Imaging: A Machine-learning Approach to Predicting Malignancy in IPMN

1:00pm - 2:00pm

Lunch | *Non-CME event*

Location | *Eden Roc II*

DRAFT



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