2006 Joint Meeting of the American Pancreatic Association and International Association of Pancreatologists
Chicago, Illinois • November 1-4, 2006

Association Information

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Email: american-pancreatic-association@lettuceplanet.com

International Association of Pancreatologists

IAP Governing Board
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Paul G. Lankisch, MD, Secretary
Markus W. Büchler, MD, Treasurer
Keiko Shiratori, MD, Co-Treasurer
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Telephone: 49 (0) 41 31-77 22 40
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Email: paulgeorg.lankisch@klinikum-luneburg.de
Sponsorships

The American Pancreatic Association and the International Association of Pancreatology extend a special thank you to the following companies who have made sponsorship commitments to the 2006 joint meeting:

Gold Sponsorship
Solvay Pharmaceuticals

Silver Sponsorship
Altus Pharmaceuticals, Inc.
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Center for Pancreatic Disease—Brigham and Women’s Hospital
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Japanese Pancreatic Foundation
The Lustgarten Foundation for Pancreatic Cancer
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Olympus

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Gift in Kind
Inter Science Institute

Awards

Congratulations to Phillip P. Toskes, MD and Tadashi Takeuchi, MD, PhD, winners of the Go Award for Lifetime Achievement in Pancreatology.

Travel Scholarships

Congratulations to the 2006 Travel Scholarship Award Recipients.

Sharmila Adhikari
Mohammad Al-Haddad
Thiruvengadam Arumagam
Vallath Balakrishnan
Sanjeev Banerjee
Marc Besselink
Eugene Ceppa
Andy Chen
Laura Cosen-Binker
Zobeida Cruz-Monserrate
Vikas Dudeja
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Werner Hartwig
Baoan Ji
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Julia Mayerle
John Murphy
Béla Ózsvári
Dejan Radenkovic
Zoltan Rakonczay Jr.
Vijaya Ramachandran
Asma Sultana
Kyoichi Takaori
Mark Truty
 Parsia Vagefi
Hjalmar Van Santvoort
Domenico Viterbo
Frank Weiss
Uwe Wittel
General Learning Objectives for Joint APA-IAP Meeting

1. Gain a better understanding of the collaborative opportunities for interaction between clinicians and basic scientists interested in diseases of the pancreas.
2. Appreciate the application of new and novel therapies for pancreatic adenocarcinoma.
3. Discuss the current and future trends in evaluation and management of benign and malignant pancreatic diseases.
4. Explore the variety of endoscopic and minimally invasive approaches being developed for managing pancreatic diseases.
5. Understand the best diagnostic and therapeutic approaches for cysts and cystic neoplasms of the pancreas.
6. Recognize the basic science underpinning of our understanding of acute and chronic pancreatitis.
7. Explore the relationship of environmental toxins, including alcohol, and pancreatic diseases.
8. Appreciate the different approaches and explore effective innovations from experts around the world in managing benign and malignant pancreatic diseases.
10. Appreciate the most up-to-date research results in pancreatic diseases and their key role in defining future therapies.

Accreditation Statement
This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the American College of Surgeons and the American Pancreatic Association/International Association of Pancreatology. The American College of Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

AMA PRA Category 1 Credits™
The American College of Surgeons designates this educational activity for a maximum of 27 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.
### Meeting at a Glance
for the 2006 Joint Meeting of the American Pancreatic Association and International Association of Pancreatologists

#### Meeting Room Key

- **AB**: Astor Ballroom, River Level I
- **GB**: Grand Ballroom, River Level II
- **GC**: Grand Court, River Level II
- **PB**: Promenade Ballroom, River Level II

#### Day Schedule - Wednesday, November 1

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<th>Time</th>
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<td>7am</td>
<td>Breakfast &amp; Posters</td>
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#### Day Schedule - Thursday, November 2

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Poster Sessions
Pages 25 to 52
Wednesday, November 1, 2006

4:00pm to 7:30pm
Registration & Speaker Ready Room
Registration is in the Grand Court, River Level II
Speaker Ready Room is in the Caucus Room, River Level II

4:00pm to 6:00pm
APA Executive Council Meeting
Executive Room

6:00pm to 7:30pm
Symposium: Cystic Neoplasms
Grand Ballroom, River Level II

Moderators
Howard Reber, MD
UCLA School of Medicine
Los Angeles, California

José Eduardo Monteiro Cunha, MD
São Paulo University School of Medicine
São Paulo, Brazil

Diagnosis: Imaging, EUS, and Fluid Analysis
James Farrell, MD
University of California, Los Angeles
Los Angeles, California

Pathologic Variants and Natural History
N. Volken Adsay, MD
Wayne State University
Detroit, Michigan

Mucin Subtypes and Molecular Pathology
David Klimstra, MD
Memorial Sloan-Kettering Cancer Center
New York, New York

Surgical Management
Carlos Fernández-del Castillo, MD
Massachusetts General Hospital
Boston, Massachusetts
7:30pm to 8:00pm  **Rolfe Foundation Lecture**  
Grand Ballroom, River Level II  

*Moderator*  
Mark Talamonti, MD  
Northwestern University Medical School  
Chicago, Illinois  

*Novel Therapy for Adenocarcinoma*  
Anil Rustgi, MD  
University of Pennsylvania School of Medicine  
Philadelphia, Pennsylvania  

8:00pm to 10:00pm  **Opening Cocktail Reception**  
Co-sponsored by The Lustgarten Foundation  
for Pancreatic Cancer Research  
Astor Ballroom, River Level I  

Conclusion of Wednesday Programs  

**Thursday, November 2, 2006**  

6:30am to 7:00pm  **Registration & Speaker Ready Room**  
Registration is in the Grand Court, River Level II  
Speaker Ready Room is in the Caucus Room, River Level II  

6:30am to 8:00am  **IAP Executive Council Meeting**  
Executive Room  

7:00am to 8:30am  **Breakfast & Posters**  
Interactive session with abstract authors, moderators and program participants. For today’s poster sessions, see page 25.  
Promenade Ballroom, River Level II  

7:00am to 5:00pm  **Exhibits**  
Grand Court, River Level II  

8:00am to 10:00am  **Spouse/Companion Breakfast**  
Astor Ballroom, River Level I  

8:30am to 10:00am  **Scientific Session A**  
Grand Ballroom, River Level II  

*Moderators*  
Edwin Thrower, PhD  
Michael Larvin, MD
8:30am to 8:45am  Exocrine Pancreatic Secretion is Inhibited in L-Arginine Induced Pancreatitis in Mice

R. Dawra, R. Sharif, V.P. Singh, P.A. Phillips, V. Dudeja, A. Saluja. University of Massachusetts Medical School, Dept of Surgery, Worcester, MA; University of Minnesota, Minneapolis, MN

8:45am to 9:00am  Timing of Surgical Intervention in Necrotizing Pancreatitis

M. Besselink, E. Schoenmaeckers, E. Buskens, B. Ridwan, M. Visser, V. Nieuwenhuijs, H. Gooszen. Departments of Surgery, Julius Center for Health Sciences and Primary Care and Microbiology, University Medical Center Utrecht, the Netherlands

9:00am to 9:15am  Hedgehog Pathway Activation In Acute Injury and Regeneration in Adult Mouse Pancreas

V. Fendrich, F. Esni, G. Feldmann, R. Megiud, S. Leach, A. Maitra. Departments of Surgery, Cell Biology and Pathology, Johns Hopkins University School of Medicine, Baltimore, MD; Department of Surgery, Philipps-University Marburg, Marburg, Germany

9:15am to 9:30am  Minimal Access, Endoscopic Drainage/Debridement of Walled-off Necrosis after Necrotizing Pancreatitis

G.I. Papachristou, N. Takahashi, P. Chahal, M.G. Sarr, T.H. Baron. Mayo Clinic College of Medicine, Rochester, MN

9:30am to 9:45am  Treatment of Pancreatitis with an Orally Available Elastase Inhibitor

J. Mayerle, M. Ruthenburger, F.U. Weiss, W. Halangk, M.M. Lerch. Department of Gastroenterology, Endocrinology and Nutrition, Ernst-Moritz-Arndt-University, Greifswald, Germany; Division of Experimental Surgery, Otto-von-Guericke-University, Magdeburg, Germany

9:45am to 10:00am  Bile and Fatty Acid Ethyl Ester Cause Necrosis of Pancreatic Acinar Cells by Potentiation of Second Messenger Receptor Calcium Release

J.A. Murphy, D.N. Criddle, J.P. Neoptolemos, A.V. Tepikin, O.H. Petersen, R. Sutton. MRC Group, Physiological Laboratory and Division of Surgery and Oncology, University of Liverpool, UK

10:00am to 10:15am  Morning Beverage Break

Grand Court, River Level II

10:00am to 2:00pm  Spouse Tour: Art Institute

Bus departs at 10am from the main entrance
10:15am to 11:30am

**Scientific Session B**
Grand Ballroom, River Level II

_Moderators_
Asif Khalid, MD
Jörg Kleeff, MD

10:15am to 10:30am
Pancreatic Stellate Cells Stimulate Pancreatic Cancer Growth and Metastasis: Findings of a Novel Orthotopic Model of Pancreatic Cancer

10:30am to 10:45am
Inactive Aldehyde Dehydrogenase 2 is an Independent Risk of Pancreatic Cancer in a Japanese Population
A. Funakoshi, K. Miyasaka, T. Yamanaka, T. Kawanami, T. Sumii, F. Ando, H. Shimokata, S. Ohta; Dept of Gastroenterology and Research Institute, National Kyushu Cancer Center; Dept of Clinical Physiology, Tokyo Metropolitan Institute of Gerontology; Dept of Epidemiology, National Institute for Longevity Sciences; Dept of Biochemistry and Cell Biology, Institute of Gerontology, Nippon Medical School, Japan

10:45am to 11:00am
Expression of FGFR1-IIIb Inhibits Pancreatic Cancer Cell Growth in Vitro and in Vivo
M. Kornmann, S. Zhou, D. Henne-Bruns, M. Korc, M. Bachem, Z. Liu. Dept. of Visceral and Transplantation Surgery and Clinical Chemistry, University of Ulm, Germany; Medicine, Pharmacology and Toxicology, Dartmouth Medical School, Hanover, New Hampshire; General Surgery, Peking University First Hospital, Beijing, China

11:00am to 11:15am
Meta-Analyses of the Management of Locally Advanced and Metastatic Pancreatic Cancer
A. Sultana, C. Tudur Smith, P. Ghaneh. Division of Surgery and Oncology, Centre for Medical Statistics and Health Evaluation, University of Liverpool, UK

11:15am to 11:30am
Noninvasive MRI Imaging: A Sensitive Indicator of Physiologic Changes Accompanied with Anti-Hedgehog Therapy in Pancreatic Ductal Adenocarcinoma (PDAC) Xenograft Model
A.R. Guimaraes, E.Y. Rakhlin, D. Long, R. Weissleder, S.P. Thayer. Center for Molecular Imaging Research, Department of Surgery, Massachusetts General Hospital, Boston, MA

2006 Joint Meeting of the American Pancreatic Association and International Association of Pancreatology
11:30am to 12:00pm  **NIH Update**  
Grand Ballroom, River Level II

*Moderators*
Ashok Saluja, PhD  
University of Minnesota  
Minneapolis, Minnesota

Vishnu Purchit, MD  
National Institute of Health  
Bethesda, Maryland

Jose Serrano, MD  
National Institute of Health  
Bethesda, Maryland

12:00pm to 12:30pm  **Frank Brooks Memorial Lecture**  
Grand Ballroom, River Level II

*Moderator*
Chris Forsmark, MD  
University of Florida  
Gainesville, Florida

*Mutations in CFTR and Pancreatic Disease*  
Jonathan Cohn, MD  
Duke University  
Durham, North Carolina

12:30pm to 1:30pm  **Luncheon Seminar: Clinical**  
Grand Ballroom, River Level II

*Moderator*
Christos Dervenis, MD

*Revision of Atlanta Classification of Acute Pancreatitis*  
Edward Bradley, MD  
Florida State University College of Medicine  
Sarasota, Florida

Michael Sarr, MD  
Mayo Clinic  
Rochester, Minnesota
12:30pm to 1:30pm  
**Luncheon Seminar: Basic Science**  
Astor Ballroom, River Level I

*Moderator*  
Richard H. Bell Jr., MD  
American Board of Surgery  
Philadelphia, Pennsylvania

*Proteomics in the Diagnosis of Pancreatic Diseases*  
Teresa Brentnall, MD  
University of Washington  
Seattle, Washington

1:30pm to 3:00pm  
**Symposium: Programmed Cell Death**  
Grand Ballroom, River Level II

*Moderators*  
Maria Vaccaro, PhD  
Buenos Aires University and Cemic University Hospital  
Buenos Aires, Argentina

Richard H. Bell Jr., MD  
American Board of Surgery  
Philadelphia, Pennsylvania

*The Role of JNK Kinases in Programmed Cell Death*  
Roger Davis, PhD, FRS  
University of Massachusetts Medical Center  
Dartmouth, Massachusetts

*Cell Death and Acute Pancreatitis*  
Anna Gukovskaya, PhD  
University of California at Los Angeles  
Los Angeles, California

*Cell Death Pathways in Pancreatic Cancer*  
Thomas Adrian, PhD  
United Arab Emirates University  
Dubai, UAE

3:00pm to 3:30pm  
**APA Annual Business Meeting**  
Grand Ballroom, River Level II  
Christopher Forsmark, MD, APA President

3:30pm to 3:45pm  
**Afternoon Beverage Break**  
Grand Court, River Level II
3:45pm to 5:30pm  **Scientific Session C**  Grand Ballroom, River Level II

*Moderators*
Aurelia Lugea, MD  
Makoto Otsuki, MD, PhD

3:45pm to 4:00pm  
**A New Protective Mechanism of Hsp27: Interaction with PKC and Induction of Bcl-2 Expression in Acute Pancreatitis**  
A. Malo, B. Ziehe, C. Kubisch, B. Göke, C. Schäfer.  
Medical Clinic II - Klinikum Grosshadern, Ludwig-Maximilians-University, Munich, Germany

4:00pm to 4:15pm  
**Role of D-Dimer in Early Prediction of Severity in Acute Pancreatitis**  
D. Radenkovic, D. Bajec, N. Ivancevic, N. Milic, A. Karamarkovic, V. Jeremic, P. Gregoric, V. Djukic, B. Stefanovic. Center for Emergency Surgery, Clinical Center of Serbia and School of Medicine, Institute for Medical Statistics, School of Medicine, University of Belgrade, Serbia

4:15pm to 4:30pm  
**The Role of Pancreatic Phospholipase A2 in Experimental Pancreatitis**  
M. Ruthenbürger, J. Mayerle, B. Brandt-Nedelev, I. Jaroscakova, T. Wartmann, D.Y. Hui, W. Halangk, M.M. Lerch. Department of Gastroenterology, Endocrinology and Nutrition, Ernst-Moritz-Arndt-University, Greifswald, Germany; Division of Experimental Surgery, Otto-von-Guericke University, Magdeburg, Germany; Department of Pathology and Laboratory Medicine, University of Cincinnati, Cincinnati, OH

4:30pm to 4:45pm  
**Videoscopic Assisted Retroperitoneal Debridement in Infected Necrotizing Pancreatitis: Initial Results and the Start of a Nationwide Randomized Controlled Trial**  
H. van Santvoort, M. Besselink, T. Bollen, M. van Leeuwen, B. van Ramshorst, H. Gooszen. Department of Surgery, Radiology, University Medical Center, Utrecht; Department of Surgery, Department of Radiology, St. Antonius Hospital, Nieuwegein; Department of Surgery, Dutch Acute Pancreatitis Study Group, The Netherlands

4:45pm to 5:00pm  
**Bacterial Endotoxin: A Trigger Factor for Alcoholic Pancreatitis (AP)? Evidence from a Novel, Physiologically Relevant Animal Model**  
5:00pm to 5:15pm
Human Pancreatic Acinar Cells Have Functional Cholecystokinin Receptors

**J.A. Murphy**, D.N. Criddle, M. Sherwood, E. Mclaughlin, M.G.T. Raraty, P. Ghaneh, J.P. Neoptolemos, A.V. Tepikin, O.H. Petersen, R. Sutton. MRC Group, Physiological Laboratory and Division of Surgery and Oncology, University of Liverpool, UK

5:15pm to 5:30pm
The Trypsinogen Activator Enterokinase Promotes Pancreatic Inflammatory Pain

**E.P. Ceppa**, S.W. Grahn, L. Divino, K.S. Kirkwood. Department of Surgery, Duke University Medical Center, Durham NC; Department of Surgery, University of California - San Francisco, San Francisco, CA

5:30pm to 7:00pm
Symposium: Autoimmune Chronic Pancreatitis

*Sponsored by The National Pancreas Foundation*

Grand Ballroom, River Level II

**Moderators**

Eugene DiMagno  
Mayo Clinic  
Rochester, Minnesota

Seiki Matsuno  
Tohoku University  
Sendai, Japan

*Clinical, Serological, and Radiological Features of AIP and Its Systemic Manifestations*  
Terumi Kamisawa, MD  
Tokyo Metropolitan Komagome Hospital  
Tokyo, Japan

*Pathology of Pancreatic and Extrapancreatic Manifestations of AIP*  
Giuseppe Zamboni, MD  
Università di Verona  
Negrar-Verona, Italy

*Insights into Pathogenesis of AIP*  
Kazuichi Okazaki, MD  
Kansai Medical University Hirakata University Hospital  
Sinnmachi, Japan

*Diagnosis and Therapy of AIP and Its Systemic Manifestations*  
Suresh Chari, MD  
Mayo Clinic  
Rochester, Minnesota

Conclusion of Thursday Programs
Friday, November 3, 2006

6:30am to 6:00pm  Registration & Speaker Ready Room
Registration is in the Grand Court, River Level II
Speaker Ready Room is in the Caucus Room, River Level II

7:00am to 8:30am  Breakfast & Posters
Interactive session with abstract authors, moderators and program participants. For today’s poster sessions, see page 34.
Promenade Ballroom, River Level II

7:00am to 5:00pm  Exhibits
Grand Court, River Level II

8:00am to 10:00am  Spouse/Companion Breakfast
Astor Ballroom, River Level I

8:30am to 10:00am  Scientific Session D
Grand Ballroom, Level II

Moderator
Claudio Bassi, MD
Martin Fernandez-Zapico, PhD

8:30am to 8:45am  A Defined Survival Pathway Underlies the Critical Effects of Hedgehog on Pancreatic Carcinogenesis
M.E. Fernandez-Zapico. Gastroenterology Research Unit, Mayo Clinic College of Medicine, Rochester, MN

8:45am to 9:00am  Branch Duct Intraductal Papillary Mucinous Neoplasms of the Pancreas (IPMNs): Confirmed Findings in 145 Resected Patients
J.R. Rodriguez, R. Salvia, S. Crippa, C. Bassi, P. Pederzoli, P. Capelli, G. Lauwers, M. Mino-Kenudson, D. McGrath, O. Razo, S.P. Thayer, A.L. Warshaw, C. Fernández-del Castillo. Departments of Surgery and Pathology, Massachusetts General Hospital, Boston, MA; Departments of Surgery and Pathology, University of Verona, Italy

9:00am to 9:15am  Heat Shock Protein 70 (HSP70) Confers Resistance to Apoptosis in Pancreatic Cancer Cells by Lysosomal Stabilization
V. Dudeja, P. Phillips, R. Sharif, Y. Zhan, R. Dawra, A. Saluja. University of Massachusetts Medical School, Dept of Surgery, Worcester, MA; University of Minnesota, Minneapolis, MN
9:15am to 9:30am  Do Indications for Resection in Branch Duct Intraductal Papillary Mucinous Neoplasm Predict Malignancy? A Study of 147 Patients


9:30am to 9:45am  SERPINA1 (alpha-1-antitrypsin) as a Potential Marker for Malignancy of Insulinomas

S.V. Sá, M.L. Corrêa-Giannella, M.C. Machado, K. Krogh, M.Q. Almeida, M.A.A. Pereira, S.A.C. Siqueira, R.A. Patzina, F.S. Ibuki, M.C. Sogayar, M.C.C. Machado, D. Giannella-Neto. Lab for Cellular and Molecular Endocrinology LIM-25 and Division of Transplant and Liver Surgery; (Faculdade de Medicina); Division of Endocrinology and Department of Pathology (Hospital das Clínicas), Department of Biochemistry (Instituto de Química), University of Sao Paulo, Sao Paulo-SP, Brazil

9:45am to 10:00am  Identification of Unique Differential Proteomic Biomarkers in Pancreatic Cystic Neoplasm Fluid

J. Farrell, P. Souda, B. Hasanzadeh, J. Whitelegge, K. Faull. Division of Digestive Diseases, UCLA School of Medicine, Los Angeles, CA; The Pasarow Mass Spectrometry Laboratory, Neuropsychiatric-Semel Institute for Neuroscience and Human Behavior, UCLA, Los Angeles, CA

10:00am to 10:15am  Morning Beverage Break

Grand Court, River Level II

10:15am to 11:30am  Symposium: Endoscopic and Minimally Invasive Therapy for Pancreatic Disease

Grand Ballroom, River Level II

Moderators
Betttina Rau, MD
Adam Slivka, MD, PhD

Endoscopic Therapy of Pancreatic Necrosis: Ready for Prime Time?
David Carr-Locke, MD
Brigham & Women's Hospital
Boston, Massachusetts

Symposium continues on next page
Symposium: Endoscopic and Minimally Invasive Therapy for Pancreatic Disease (Cont’d)

Laparoscopic Pancreatic Resection: Applications and Pitfalls
Steven Strasberg, MD
Washington University
Saint Louis, Missouri

Endoscopic Evaluation and Palliation of Pancreatic Adenocarcinoma: Current and Future Options
Robert Hawes, MD
Charleston, South Carolina

11:30am to 12:00pm
IAP Founders Lecture
Sponsored by Center for Pancreatic Disease—Brigham and Women’s Hospital
Grand Ballroom, River Level II

Moderator
Peter Banks, MD
Brigham and Women’s Hospital
Boston, Massachusetts

Severe Acute Pancreatitis: From Bedside to Survival Benefit
Hans Beger, MD
University of Ulm
Ulm, Germany

12:00pm to 12:30pm
APA Research State-of-the-Art Lecture
Grand Ballroom, River Level II

Moderator
Chris Forsmark, MD
University of Florida
Gainesville, Florida

Stellate Cells
Scott Friedman, MD
Mount Sinai School of Medicine
New York, New York

12:30pm to 1:30pm
Luncheon Seminar: Clinical
Grand Ballroom, River Level II

Moderator
Darwin Conwell, MD
Cleveland Clinic Foundation
Cleveland, Ohio
Chronic Pancreatitis: International Perspective
Rakesh Tandon, MD
Pushpawati Singhania Research Institute
New Delhi, India

Guillermo Robles-Díaz, MD
Universidad Nacional Autonoma de Mexico
Mexico

Phillip C. Bornman, MD
Capetown, South Africa

12:30pm to 1:30pm
Luncheon Seminar: Basic Science
Astor Ballroom, River Level I

Moderator
Steven Leach, MD
Johns Hopkins University
Baltimore, Maryland

Pancreatic Stem Cells and Their Role in Pancreatic Disease
Diane Simeone, MD
University of Michigan Medical School
Ann Arbor, Michigan

1:30pm to 3:15pm
Symposium: Molecular Biology in Adenocarcinoma
Grand Ballroom, River Level II

Moderators
Andrew Warshaw, MD
Harvard Medical School
Boston, Massachusetts

John Neoptolemos, MA, MB, BChir, MD
University of Liverpool
Liverpool, United Kingdom

Mouse Models of Pancreatic Cancer
Roland Schmid, MD
Technical University of Germany
Munich, Germany

The Role of Mucins in Pancreatic Cancer
Surinder Batra, PhD
University of Nebraska Medical Center
Omaha, Nebraska

Symposium continues on next page
Symposium: Molecular Biology in Adenocarcinoma (Cont’d)

Signaling Pathways
Richard Kolesnick, MD
Memorial Sloan-Kettering
New York, New York

Epithelial Stem Cells in Pancreatic Adenocarcinoma
Steven Leach, MD
Johns Hopkins University
Baltimore, Maryland

3:15pm to 3:45pm
Award Presentations
Grand Ballroom, River Level II

Go Award for Lifetime Achievement Award
Hirshberg Foundation Award
The National Pancreas Foundation Award

3:45pm to 4:00pm
Afternoon Beverage Break
Grand Court, River Level II

4:00pm to 6:00pm
Scientific Session E
Grand Ballroom, River Level II

Moderators
Michelle Anderson, MD
Julia Mayerle, MD

4:00pm to 4:15pm
Pancreas Divisum is not Associated with Idiopathic Pancreatitis: The Case Against Endoscopic Therapy
M.J. DiMagno, E.P. DiMagno. Depts. of Internal Medicine, University of Michigan Medical School, Ann Arbor, MI, Mayo Clinic College of Medicine, Rochester, MN

4:15pm to 4:30pm
Transgenic Expression of Activated K-ras in Pancreatic Acinar Cells Causes Pancreatic Damage Resembling Chronic Pancreatitis
B. Ji, J. Song, C.D. Logsdon. Departments of Cancer Biology and GI Medical Oncology, University of Texas M.D. Anderson Cancer Center, Houston, TX
4:30pm to 4:45pm  
Characteristics after Secretin Stimulation Test of Subjects with Chronic Abdominal Pain and Normal Abdominal Imaging  
A. Brown, C. Epi, D. Dasilva, V. Malin, S. Sheth, S. Freedman. The Pancreas Center, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA

4:45pm to 5:00pm  
CFTR Gene Transfer to Human Cystic Fibrosis Pancreatic Duct Cells Upregulates Apical Cl-/HCO3-Exchange Activity  
Z. Rakonczay Jr., P. Hegyi, M. Hasegawa, M. Inoue, J. You, A. Iida, I. Ignáth, E. W. F. W. Alton, U. Griesenbach, G. Óvári, A. C. Da Paula, G. Varga, M. D. Amaral, B. E. Argent, M. A. Gray. Institute for Cell and Molecular Biosciences, University of Newcastle upon Tyne; First Department of Medicine, University of Szeged; DNAVEC Corporation; Tsukuba, Ibaraki, Japan; Molecular Oral Biology Research Group, Department of Oral Biology, Semmelweis University; Department of Gene Therapy, National Heart and Lung Institute, Imperial College, London, UK; Centre of Human Genetics, NIH, Lisboa, Portugal

5:00pm to 5:15pm  
13C-Mixed Triglyceride Breath Test (13C-MTG) Demonstrates Superiority of Enteric Coated Monolithic Enzyme Preparation Over Placebo: A Multicentre, Double Blind, Placebo Controlled Cross-Over Trial  
J. Keller, P. Layer. Israelitic Hospital, University of Hamburg, Germany

5:15pm to 5:30pm  
Signal Peptide Mutations that Impair Secretion of Pancreatic Secretory Trypsin Inhibitor (SPINK1) Cause Autosomal Dominant Hereditary Pancreatitis  
O. Király, A. Boulling, H. Witt, C. Le Maréchal, J.-M. Chen, C. Férec, M. Sahin-Tóth. Department of Molecular and Cell Biology, Boston University, Goldman School of Dental Medicine, Boston, MA; INSERM, U613; Etablissement Français du Sang – Bretagne; and Université de Bretagne Occidentale, Brest, France; Department of Hepatology and Gastroenterology, Charité, Berlin, Germany

5:30pm to 5:45pm  
Diagnosis of Chronic Pancreatitis: Endoscopic Ultrasonography, MRI-Pancreatography or Both?  
J. Iglesias-García, C. Villalba, J. Lariño-Noia, J. E. Domínguez-Muñoz. Departments of Gastroenterology and Radiology, University Hospital. Santiago de Compostela, Spain

5:45pm to 6:00pm  
Comparison of Drinking Patterns in Alcoholic Chronic Pancreatitis and Alcoholic Liver Cirrhosis Patients in India  
V. Balakrishnan, R. Lakshmi, B. Cini, T. N. Rekha, V. A. Narayanan. Digestive Diseases Institute, Amrita Institute of Medical Sciences, Cochin, Kerala, India
6:00pm to 6:30pm  **IAP Annual Business Meeting**  
Astor Ballroom, River Level I  
Peter Banks, MD, IAP President

7:30pm to 10:00pm  **Banquet**  
7:30pm: Cocktails, Grand Court, River Level II  
8:00pm: Buffet Dinner & Entertainment, Grand Ballroom, River Level II

**Conclusion of Friday Programs**

**Saturday, November 4, 2006**

6:30am to 3:00pm  **Registration & Speaker Ready Room**  
Registration is in the Grand Court, River Level II  
Speaker Ready Room is in Burnham Park

7:00am to 8:30am  **Breakfast & Posters**  
*Interactive session with abstract authors, moderators and program participants. For today's poster sessions, see page 43.*  
Promenade Ballroom, River Level II

7:00am to 12:00pm  **Exhibits**  
Grand Court, River Level II

8:30am to 10:00am  **Symposium: Signal Transduction of the Pancreas**  
Grand Ballroom, Level II

*Moderators*  
Markus Lerch, MD  
Ernst-Moritz-Arndt-Universität Greifswald  
Greifswald, Germany

Michael Steer, MD  
Tufts University School of Medicine  
Boston, Massachusetts

Pancreatic Signal Transduction and Second Messengers  
Schmuel Muallem, PhD  
University of Texas Southwestern Medical Center  
Dallas, Texas

Hedgehog Signaling in Pancreatic Disease and Development  
Matthias Hebrok, PhD  
University of California, San Francisco  
San Francisco, California

The Regulation of Histones and HP-1 Signalling  
Raul Urrutia, MD, PhD  
Mayo Clinic  
Rochester, Minnesota
10:00am to 10:15am
Morning Beverage Break
Grand Court, River Level II

10:15am to 11:00am
Symposium: Alcohol and the Pancreas
Grand Ballroom, Level II

Moderators
David Whitcomb, MD
University of Pittsburgh
Pittsburgh, Pennsylvania

Jeremy Wilson, MD
The University of New South Wales
Sydney, Australia

Pleasure Today, Pain Tomorrow: Alcohol and Pancreatitis
Minoti Apte, MBBS, MmedSci, PhD
South Western Sydney Clinical School
Sydney, Australia

Acute effects of Alcohol on the Pancreatic Acinar Cell
Fred Gorelick, MD
Yale University School of Medicine and VA Healthcare, CT
West Haven, Connecticut

11:00am to 12:30pm
Symposium: Trigger Mechanisms of Acute Pancreatitis
Grand Ballroom, Level II

Moderators
Ashok Saluja, PhD
University of Minnesota
Minneapolis, Minnesota

Tooru Shimosegawa, MD
Tohoku University Graduate School of Medicine
Sendai, Japan

Calcium Signaling in Acute Pancreatitis
Robert Sutton, Dphil.
University of Liverpool
Liverpool, United Kingdom

Is Trypsinogen Activation Really Important in Pancreatitis?
Miklos Sahin-Toth, MD, PhD
Boston University Medical Center
Boston, Massachusetts

Symposium continues on next page
Symposium: Trigger Mechanisms of Acute Pancreatitis (Cont’d)

Inflammatory Mediators in Pancreatitis
Madhav Bhatia, PhD
National University of Singapore,
Yong Loo Lin School of Medicine
Singapore

Clinical Application of Antagonists of Pro Inflammatory Mediators
Colin Johnson, MChir
Southampton General Hospital
Southampton, United Kingdom

12:30pm to 1:30pm
Luncheon Seminar: Clinical
Grand Ballroom, Level II

Moderator
James Grendell, MD
Winthrop University Hospital/SUNY
Mineola, New York

Neurobiology and Treatment of Pain in Chronic Pancreatitis
Paul Lankisch, MD
Klinik für Allgemeine Innere Medizin
Lüneburg, Germany

Jay Pasricha, MD
University of Texas Medical Branch
Galveston, Texas

12:30pm to 1:30pm
Luncheon Seminar: Basic Science
Astor Ballroom, River Level I

Moderator
Craig Logsdon, PhD
Cancer Biology and GI Medical Oncology
Houston, Texas

Transgenic Mouse Models of Pancreatic Cancer
Paul Grippo, PhD
Northwestern University Feinberg School of Medicine
Chicago, Illinois
1:30pm to 2:00pm  **State-of-the-Art Lecture**  Grand Ballroom, Level II

*Moderator*
Katsusuke Satake, MD  
Pancreatic Research Foundation of Japan  
Tokyo, Japan

Pancreatic Cancer—Japanese Experience  
Masao Tanaka, MD, PhD  
Kyushu University  
Fukuoka, Japan

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2:00pm to 2:30pm  **State-of-the-Art Lecture**  Grand Ballroom, Level II

*Moderator*
Phil Toskes, MD  
University of Florida  
Gainesville, Florida

Optimizing Enzyme Substitution Therapy  
J. Enrique Domínguez-Muñoz, MD, PhD  
University Hospital of Santiago de Compostela  
Santiago de Compostela, Spain

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2:30pm to 4:00pm  **Scientific Session F**  Grand Ballroom, Level II

*Moderators*
Joseph Hines, MD  
Ewa Malecka-Panas, MD, PhD

2:30pm to 2:45pm  Evolving Patterns in the Detection of Pancreatic Neuroendocrine Tumors (PNETs): The Massachusetts General Hospital Experience  
P.A. Vagefi, O. Razo, V. Deshpande, D.J. McGrath, G.Y. Lauwers,  
S.P. Thayer, A.L. Warshaw, C. Fernández-del Castillo. Department of Surgery, Massachusetts General Hospital, Boston, MA

2:45pm to 3:00pm  KLF14: A Novel Sp/KLF Transcriptional Repressor of the Type II TGF-Receptor in Pancreatic Cancer Leading to Gene Silencing  
M.J. Truty, S. Tsuji, G. Lomberk, M. Fernandez-Zapico, R. Urrutia. Mayo Clinic College of Medicine, Rochester, MN
### Program Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:00pm - 3:15pm</td>
<td>Adjuvant Chemotherapy with Gemcitabine Versus Observation for Resected Carcinoma of the Pancreatic Head</td>
<td>J.M. Langrehr, H. Oettle, S. Post, K. Gellert, K. Ridwelski, H. Schramm, C. Zülke, G. Roll, J. Stieler, U. Pelzer, P. Neuhaus, H. Riess. Charité Campus Virchow-Klinikum, Berlin; Ruprecht-Karls-University, Mannheim; Oskar-Ziethen-Krankenhaus, Berlin; Otto-von-Guericke-University Magdeburg; Waldklinikum Gera; Universität Regensburg; Germany</td>
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<tr>
<td>3:15pm - 3:30pm</td>
<td>Cromolyn Blocks S100P Activation of RAGE and Improves Gemcitabine Effectiveness in Pancreatic Cancer</td>
<td>T. Arumugam, V. Ramachandran, C.D. Logsdon. Department of Cancer Biology and Medical Oncology, UT MD Anderson Cancer Center, Houston, TX</td>
</tr>
<tr>
<td>3:30pm - 3:45pm</td>
<td>Magnetic Resonance Imaging After Administration of Ferumoxtran-10 for Evaluation of Paraortic Lymph Node Metastasis in Patients with Pancreatic Cancer</td>
<td>K. Takaori, N. Tanigawa, M. Matsuki, T. Agui, Y. Miyamoto, M. Iwamoto, I. Narabayashi. Department of General &amp; Gastroenterological Surgery and Department of Radiology, Osaka Medical College, Osaka, Japan</td>
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<tr>
<td>3:45pm - 4:00pm</td>
<td>Comparative Morphometric Studies on Pancreatic Endocrine Cells, Including Iapp in the Normal Pancreas and in Pancreatic Tissues from Type 2 Diabetes and Pancreatic Cancer</td>
<td>K. Iki, P.M. Pour. UNMC/Eppley Cancer Center, University of Nebraska Medical Center, Omaha, NE</td>
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</tbody>
</table>

Conclusion of the 2006 Joint Meeting of the American Pancreatic Association and International Association of Panreatology
Thursday, November 2, 2006

Boards 50-58: Basic Science Posters of Distinction

50 Low-Dose Alcohol Redirects Postprandial Cholinergic-Stimulated Apical Exocytosis to the Basolateral Membrane in Pancreatic Acinar Cells, the Susceptibility Mechanism of Alcoholic Pancreatitis
L. Cosen-Binker, P. Lam, Herbert Gaisano. Department of Medicine and Physiology, University of Toronto, Toronto, ON, Canada

51 Macrophage Derived Prostaglandin E2 Modifies the Expression of Pancreatic MCP-1 and TNF TNFα: Simulation of Interactions Between Macrophages and Pancreatic Acinar Cells in Chronic.
L.K. Sun, T. Reding, M. Bain, U. Ungethuem, P.A. Clavien, D. Bimmler, R. Graf. Pancreatitis Research Laboratory, Dept. of Visceral & Transplantation Surgery, University Hospital, Zurich, Switzerland

52 Ca2+-Dependent Translocation of CRHSP-28 to Plasma Membrane is Regulated by CKII Phosphorylation at Serine 136

53 Differential Expressions of mRNA
K. Mizumoto, K. Ohuchida, H. Yamaguchi, E. Nagai, M. Tsuneyoshi, M. Tanaka. Department of Surgery and Oncology, Department of Anatomic Pathology, Graduate School of Medical Sciences, Kyushu University, Maidashi, Japan

54 Silencing of Basigin by RNA Interference Reduces the Tumorigenicity of Pancreatic Cancer Cells
W. Schneiderhan, M. Marx, K.H. Holzmann, T. Gschwend, M. Buchholz, T. Gress, M. Siech, G. Adler, M.G. Bachem. Dept. Clinical Chemistry, Dept. of Internal Medicine, Institute of Clinical Transfusion Medicine, Interdisciplinary Center for Clinical Research, Dept. of Urology, University of Ulm, Germany; Dept. of Gastroenterology, University of Marburg, Germany; Klinikum Aalen, Germany
55  Adrenomedullin is an Autocrine Regulator of Pancreatic Cancer Acting via the ADMR Receptor
    V. Ramachandran, T. Arumugam, D.M. Simeone, C.D. Logsdon. Depts. of Cancer Biology and Molecular Oncology, UT MD Anderson Cancer Center, Houston, TX; Dept. of Surgery, University of Michigan, Ann Arbor, MI

56  Isolation of WD40 Proteins as Potential Co-Repressors for the TGFβ-Inducible Tumor Suppressor Gene KLF11
    S. Tsuji, J. Zhang, G. Lomberk, M. Fernadez-Zapico, R. Urrutia. GI Research Unit, Mayo Clinic College of Medicine, Rochester, MN

57  Prophylactic Probiotics Reduce Bacterial Translocation and Improve Outcome in Experimental Pancreatitis
    L.P. van Minnen, H.M. Timmerman, F. Lutgendorff, A. Verheem, W. Harmsen, S.R. Konstantinov, H. Smidt, M.R. Visser, G.T. Rijkers, H.G. Gooszen, L.M.A. Akkermans. Department of Surgery, Department of Medical Microbiology, Department of Pediatric Immunology, University Medical Center, Utrecht; Laboratory of Microbiology, Agrotechnology and Food Sciences Group, Wageningen University, Wageningen; Department of Medical Microbiology and Immunology, St. Antonius Hospital, Nieuwegein, The Netherlands

58  Role of the Cholinergic System in Alcohol-Induced Pancreatitis

Boards 59-87: Basic Science Posters

59  Pancreatitis-Induced Acute Lung Injury: Study in Perfused Rat Lungs

60  Cellular Differentiation Determines the Expression of the Hypoxia-Inducible Protein NDRG1 in Pancreatic Cancer
    E. Angst, S. Sibold, C. Tiffon, R. Weimann, B. Gloor, D. Candinas, D. Stroka. Department of Visceral and Transplant Surgery, University Hospital Berne, Berne, Switzerland; Institute of Pathology, University of Bern, Bern, Switzerland

61  Galanin Antagonism Ameliorates Caerulein-Induced Acute Pancreatitis (AP) in a Mouse Model
    M. Bhandari, A. Thomas, C. Carati, M. Kawamoto, J. Toouli, G. Saccone. Depts. of General and Digestive Surgery, Anatomical
62 Inhibition of Matrix Metalloproteinase 9 with Doxycycline Reduces Neutrophil Migration in Pancreatitis-Associated Lung Injury
M. Sochor, V. Friebe, S. Hempel, U. Adam, U. Hopt, T. Keck. Department of General and Visceral Surgery, University of Freiburg, Freiburg, Germany

63 In Vivo Suppression of mafA mRNA Using siRNA and Resulting Alteration of Gene Expression Profile in Mouse Pancreas by Microarray Analysis
M. Tsuchiya, A. Maeda, M. Shigemoto, K. Tsuchiya. Institute of Geriatrics, Aoyama Hospital, Department of Medicine IV3, Tokyo Women's Medical University, Tokyo, Japan

64 Severe Necrotizing Pancreatitis in Mice Induced by Retrograde Taurocholate Infusion into the Common Bile Duct
U.A. Wittel, B. Boss, R. Lauch, U.T. Hopt. Department of General- and Visceral Surgery, Universitätsklinik Freiburg, Freiburg, Germany

65 The Role of Nitric Oxide in Caerulein-Induced Acute Pancreatitis in Mice
S. Adhikari, A. Ang, P. Moore, M. Bhatia. Department of Pharmacology, Yong Loo Lin School of Medicine, National University of Singapore, Singapore

66 Expression and Role of Type 1 and 2 Isoforms of Ubiquitin-Specific Protease 14 in Human Pancreatic Cancer
T. Ishiwata, K. Cho, S. Ishiwata, Y. Fujiwata, T. Fujii, T. Suzuki, K. Kawahara, N. Nakazawa, E. Uchida, T. Tajiri, Z. Naito. Department of Integrative Pathology (Department of Pathology II), Surgery for Organ and Biological Regulation (Department of Surgery), Graduate School of Medicine, Nippon Medical School; Faculty of Pharmaceutical Sciences, Kinki University

67 LIM Only 4 is Overexpressed with the Progress of Invasive Ductal Carcinoma and Intraductal Papillary Mucinous Neoplasm
J.Yu, K. Ohuchida, K. Mizumoto, E. Nagai, M. Tanaka. Department of Surgery and Oncology, Graduate School of Medical Sciences, Kyushu University, Maidashi Japan

68 The Effects of Trypsin on Pancreatic PAR-2 Receptors.
P. Hegyi, B. Oszvari, I. Ignath, V. Venglovecz, Z. Rakonczay Jr., T. Takacs, K. Borka, Z. Schaff, G. J. Papp, A. Toth, A. Varro, M. Sahin-Toth, J. Lonovics. First Department of Medicine, University of Szeged, Szeged, Hungary; Department of Pathology, Semmelweis
University IIth, Budapest, Hungary; Department of Pharmacology and Pharmacotherapy, Division of Cardiovascular Pharmacology, Hungarian Academy of Sciences, Faculty of Medicine, University of Szeged, Szeged, Hungary; Department of Molecular and Cell Biology, Goldman School of Dental Medicine, Boston University, Boston, MA

69 The Effect of Bile Acids on Pancreatic Ductal Epithelia
Viktória Venglovecz, Béla Özsvari, Imre Ignáth, Zoltán Rakonczay Jr., Tamás Takács, János Lonovics, András Varró, Péter Hegyi. First Department of Medicine, Department of Pharmacology and Pharmacotherapy, Faculty of Medicine, University of Szeged, Szeged, Hungary

70 High Mobility Group Box-1 (HMGB1) Augments Pancreatic Necrosis in Taurocholate Induced Pancreatitis in Rats

71 A Novel Copper Complex of 3-benzoyl-α-Methyl Benzene Acetic Acid (Ketoprofen) with Anti-Tumor Activity Mediated via Cyclooxygenase Pathway
S. Adsule, F. Ahmed, S. Banerjee, S. Ali, S. Kulkarni, S. Padhye, F. Sarkar. Departments of Pathology, Hematology and Oncology, Barbara Ann Karmanos Cancer Institute, Wayne State University School of Medicine, Detroit, MI; V Life Science Technologies, India

72 Caerulein-Induced Intracellular Pancreatic Zymogen Activation is Dependent upon Calcineurin
Wayne Grant, Ahsan Shah, Edwin Thrower, Sohail Husain. Departments of Pediatrics and Internal Medicine, Yale University School of Medicine and VA Connecticut Health Care, West Haven, CT

73 Normalization of Insulin Resistance and Impaired CCK Stimulated Pancreatic Secretion in eNOS (-/-) Mice by Pioglitazone. Potential for Correcting Human Endocrine and Exocrine Disorders?
R.C. Reddy, Y. Hao, S.H. Lee, C. Owyang, M.J. DiMagno. Department of Medicine, University of Michigan, Ann Arbor, MI

74 A New Non-Invasive Model of Necro-Hemorrhagic Pancreatitis in Rats: Histomorphologic and Pathogenetic Characterization
W. Hartwig, M. Kolvenbach, F. Fortunato, T. Hackert, L. Schneider, MW. Büchler, J. Werner. Department of General and Visceral Surgery, University of Heidelberg, Germany
75 The Potential of Intratumoral injection of S. Pyogenes to achieve a Bacterial Related Immune Response Against Tumor Cells Followed by Tumor Regression
C. Maletzki. University of Rostock, Rostock, Germany

76 NADPH Oxidase Plays a Key Role in the Activation of Pancreatic Stellate Cells
A. Masamune, K. Kikuta, T. Shimosegawa. Division of Gastroenterology, Tohoku University, Graduate School of Medicine, Sendai, Japan

77 Multispecies Probiotics Abolish Acute Pancreatitis-Associated Mucosal Barrier Failure in Murine Ileum
L. van Minnen, A. Verheem, F. Lutgendorff, H. Timmerman, G. Rijkers, J. Rychter, H. Gooszen, L. Akkermans, A. Kroese. Department of Surgery, Department of Pediatric Immunology, University Medical Center, Utrecht; Department of Medical Microbiology and Immunology, St. Antonius Hospital, Nieuwegein; Institute for Risk Assessment Sciences, Utrecht University, The Netherlands

78 Building a Better In Vitro Pancreatic Carcinoma Model
M. Tallman, Z. Cruz-Monserrate, L. Bellot, X. Cheng, K. O'Connor. Sealy Center for Cancer Cell Biology, Department of Pharmacology and Toxicology, Department of Surgery, The University of Texas Medical Branch, Galveston, Texas

79 Cytotoxic Effects of Taxol on Pancreas Tumour Cells

80 Development of an Efficient Inducible Acinar Cell Specific Transgenic Model
B. Ji, J. Song, C. Logsdon. Department of Cancer Biology and Medical Oncology, University of Texas, M.D. Anderson Cancer Center, Houston, TX

81 PKD2 is Activated by Secretagogue Stimulation in the Pancreas
A. Chen, J. Li, H. Watanabe, B. Evers. Department of Surgery, The University of Texas Medical Branch, Galveston, TX

82 Expression of Proteins Involved in PGE2 Production in Human Pancreatic Cancers
83 Curcumin Sensitizes Pancreatic Cancer Cells to ApoG2 Induced Killing.
S. Thoutreddy, R. Mohammad, S. Ali, S. Wang, F. Sarkar. Division of Hematology and Oncology, Department of Pathology, Karmanos Cancer Institute, Wayne State University, Detroit, Michigan; University of Michigan, Ann Arbor, MI

84 The Guinea Pig Pancreas Secretes a Single Trypsinogen Isoform, which is Defective in Autoactivation
B. Özsvári, P. Hegyi, M. Sahin-Tóth. Department of Molecular and Cell Biology, Boston University Goldman School of Dental Medicine, Boston, MA; First Department of Medicine, University of Szeged, Faculty of Medicine, Szeged, Hungary

85 Geminin, a Replication Inhibitor Protein, is Over-Expressed in Pancreatic Cancer Tissue and Apigenin Affects Replication by Down-Regulating Geminin and Cdc6, but not Cdt-1 in Pancreatic Cancer Cells

86 Combined Nicotine and Ethanol Administration Activates Extracellular Regulated Kinase (ERK) in Rat Pancreatic AR4-2J Cells
R. Pfützer, A. Gerloff, M. Singer, P. Feick. Department of Medicine II, University Hospital of Heidelberg at Mannheim, Mannheim, Germany

87 Pancreatic Injury and Regeneration in L-Arginine-Induced Pancreatitis in Mice.
R. Dawra, R. Sharif, P. Phillips, V. Dudeja A. Saluja. University of Massachusetts Medical School, Dept. of Surgery, Worcester, MA; University of Minnesota, Minneapolis, MN

Boards 88-94: Clinical Posters of Distinction

88 Pancreatitis in Primary Hyperparathyroidism-Related Hypercalcaemia is Strongly Associated with Mutations in the Spink1 Trypsin Inhibitor (N34S) and the CFTR Gene
P. Felderbauer, E. Karakas, V. Fendrich, K. Bulut, N. Ansorge, F. Schmitz, D. Bartsch, W. Schmidt. Department of Medicine I, St. Josef-Hospital, Ruhr-University, Medical School, Bochum; Department of Visceral-, Thoracic- and Vascular Surgery, University-Hospital Gießen-Marburg, Marburg; Department of Visceral Surgery, Stätische Kliniken Bielefeld-Mitte, Bielefeld, Germany

89 Final Results of a Phase II Study of S-1 in Patients with Metastatic Pancreatic Cancer
A. Funakoshi, T. Okusaka, J. Furuse, N. Boku, K. Yamao, S. Ohkawa, H. Saito. National Kyushu Cancer Center; National Cancer Center Hospital; National Cancer Center Hospital East; Shizuoka Cancer Center; Aichi Cancer Center; Kanagawa Cancer Center; Yamagata Prefectural Central Hospital, Japan

90 Cytokine-like FAM3D Gene is Associated to Diabetes Mellitus in Pancreatic Adenocarcinoma
J. Souza, M. Machado, M. Fortes, R. Giorgi, J. Cunha, J. Jukemura, M. Nery, B. Wajchenberg, S. Siqueira, M. Pereira, M. Corrêa-Giannella, D. Giannella-Neto. Laboratory for Medical Investigation, Endocrine Service, Division of Transplant and Liver Surgery, Division of Pancreatic and Biliary Surgery, Department of Pathology, Hospital das Clinicas of the University of Sao Paulo School of Medicine, Sao Paulo, Brazil

91 Antibiotic Prophylaxis in Necrotising Pancreatitits: Relation of Methodological Quality of Randomised Controlled Trials to Outcome
M. Besselink, A. de Vries, C. van de Kraats, E. Buskens, K. Van Erpecum, H. Gooszen. Gastrointestinal Research Unit, Departments of Gastroenterology and Surgery, Julius Center for Health Sciences and Primary Health Care, University Medical Center Utrecht, Utrecht, Netherlands

93 Haplotype Analysis of Frequent PRSS1 R122H Mutations in Westphalia (Germany): No Indication of a Founder Effect
F.U. Weiss, M. Zenker, P. Simon, and M.M. Lerch. Department of Gastroenterology, University of Greifswald, Germany. Institute of Human Genetics, University of Erlangen, Germany.

94 Multifocal Branch-Duct IPMNs: A New Deal to be Explored

Boards 95-111: Clinical Posters

95 Exhaled Breath Analysis in Chronic Pancreatitits
R. Pezzilli, A. Morselli Labate, L. Fantini, R. Corinaldesi. Department of Internal Medicine and Gastroenterology, Sant’Orsola-Malpighi Hospital, University of Bologna, Bologna, Italy

96 Genetic Anticipation in Pancreatic Cancer: Comparison of Statistical Tests
G. Haynatzki, V. Haynatzka, R. Brand, S. Sherman, H. Lynch. Creighton University School of Medicine, Omaha, NE; Evanston Northwestern Healthcare, Evanston, IL; Eppley Cancer Center, UNMC, Nebraska Medical Center, Omaha, NE
97 Low Plasma Glutamine Levels in Severe Acute Pancreatitis Justify Glutamine Substitution in Critically Ill Pancreatitis Patients
P. Lankisch, B. Weber-Dany, C. Doobe, T. Finger, P. Maisonneuve, A. Lowensels, B. Alteheld, P. Stehle. Department of Internal Medicine, Municipal Clinic of Lueneburg, Germany; European Institute of Oncology, Milan, Italy; New York Medical College, Valhalla, NY; University of Bonn, Germany

98 TransAtlantic Differences in the Surgical Treatment of Chronic Pancreatitis
T. Keck, R. Rodriguez, G. Marjanovic, A. Razo, U. Adam, Fernandez-del Castillo, U. Hopt, A. Warshaw. Department of General and Visceral Surgery, University of Freiburg, Germany; Massachusetts General Hospital, Harvard Medical School, Boston, MA

99 Adhesion Molecules in Pancreatitis-Associated Lung Injury
I. Bihalskyy, S. Chooklin, A. Perejaslov, R. Vatseba. Medical University, Lviv, Ukraine

100 Pancreaticojejunostomy and Hepaticojejunostomy without Stent Tube in the Pancreatoduodenectomy
T. Hatori, A. Fukuda, S. Onizawa, T. Sugiki, T. Imaizumi, M. Yamamoto. Department of Gastroenterological Surgery, Tokyo Women's Medical University, Tokyo, Japan; Department of Gastroenterological Surgery, School of Medicine, Tokai University, Isehara, Japan

101 Timing of the Endoscopic Sphincterotomy (ES) and of the Videolaparocholecystectomy (VLC) in the Acute Biliary Pancreatitis
V. Neri, A. Ambrosi, T. Valentino, C. Santacroce, N. Tartaglia, A. Fersini. University of Foggia, Department of Surgical Sciences, Division of General Surgery, Polyclinic of Foggia, Foggia, Italy

102 The Atlanta Classification on Acute Pancreatitis Revisited: Review of the Literature
T. Bollen, H. van Santvoort, M. Besselink, M. van Leeuwen, K. Horvath, P. Freeny, H. Gooszen. Department of Radiology, St. Antonius Hospital Nieuwegein, Departments of Surgery, Radiology, University Medical Center Utrecht, The Netherlands; Department of Surgery and Radiology, University of Washington Medical Center, Seattle, WA.

103 Early Histological Findings of Mucinous Cystic Neoplasm of the Pancreas (MCN): A Case Report
I. Fujita, T. Hatori, A. Fukuda, S. Onizawa, T. Sugiki, T. Furukawa, S. Kawamura, K. Shiratori, M. Yamamoto. Department of Gastroenterological Surgery, International Research and Educational Institute for Integrated Medical Science, Department of Pathology, Gastroenterological Internal Medicine, Tokyo Women's Medical University, Tokyo, Japan
104 Endoscopic Interventions via the Minor Papilla
Á. Pap, M. Burai, J. Duhl, T. Gyökeres. MAV Hospital, Dept. of Gastroenterology, Budapest, Hungary; Raritan Bay Medical Center and RWJ Medical School, Perth Amboy, NJ

105 Normal Response Data for the Pancreatic Cancer Quality of Life (QoL) Assessment Questionnaire EORTC QLQ-PAN26
F. Howse, S. Harris, E. Hedges, S. George, R. Pickering, C.D. Johnson. Department of Surgery and Health Care Research Unit, University of Southampton, United Kingdom

106 Combined Scaling of the Responses of Patients with Pancreatic Disease to the EORTC QLQ C30 and QLQ PAN26
C.D. Johnson, P. Roussou, S. Harris, R. Pickering. Departments of Surgery and Medical Statistics, University of Southampton, United Kingdom

107 One Stage Necrosectomy: A Useful Technique for Treating Pancreatic Necrosis

108 Solid Pseudopapillary Neoplasm of the Pancreas: Report of 31 Resected Cases and Description of a Paradoxical Inverse Relation between Age and Tumor Size
R. Garatea, J. Targarona, L. Barreda, A. Warshaw, C. Fernandez del Castillo. Hospital Edgardo Rebagliati Martins, Lima, Peru; Massachusetts General Hospital, Boston, MA

109 Association of Tumor Necrosis Factor — α Promoter Haplotype with Chronic Pancreatitis
M. Chang, Y. Chang, Y. Tien, P. Liang, S. Wei, J. Wong. Department of Internal Medicine, Department of Surgery, Department of Radiology, National Taiwan University Hospital, Taipei, Taiwan

110 Pancreatectomy for Non-Pancreatic Malignancies Results in Improved Survival after R0 Resection
M. Fisher, P. Muscarella, E. Ellison, M. Bloomston. Department of Surgery, The Ohio State University, Columbus, OH

111 Splenic Complications in Alcoholic Chronic Pancreatitis
S. Barbu, M. Cazacu. IVth Surgical Clinic, University of Medicine and Pharmacy, “Iuliu Hatieganu” Cluj-Napoca, Romania
Friday, November 3, 2006

Boards 112-121: Basic Science Posters of Distinction

112  Liposomal Delivery of EphA2 siRNA in Combination with Gemcitabine Reduces Pancreatic Tumor Growth and Invasion
      P.A. Levin, T. Arumugam, A.K. Sood, C.D. Logsdon. Departments of Cancer Biology, Gynecologic Oncology and Medical Oncology, UT MD Anderson Cancer Center, Houston, TX

113  Chemosensitive Afferent Activity in the Isolated Rat Ppanceas
      A. Schloithe, J. Davison, L. Blackshaw, C. Woods, J. Toouli, G. Saccone. Dept. General & Digestive Surgery, Centre for Neuroscience, Flinders Medical Centre, Flinders University, Adelaide, South Australia; Dept. Physiology and Biophysics, University of Calgary, Alberta, Canada; Dept. Medicine, Adelaide University and Royal Adelaide Hospital, Adelaide, South Australia, Australia

114  Galanin Antagonism Modifies Hyperenzymemia and Pancreatic Vascular Perfusion (PVP) Changes Induced by Acute pancreatitis (AP) in a Possum Model
      M. Bhandari, A. Thomas, C. Carati, M. Kawamoto, J. Toouli, G. Saccone. Depts. of General and Digestive Surgery, Anatomical Pathology, Anatomy and Histology, Flinders Medical Centre, Flinders University, Adelaide, South Australia, Australia

115  The Expression of S100A8 in Tumour-Associated Monocytes is Directly Associated with the Smad4 Status of Pancreatic Cancer Cells
      D. Vimalachandran, A. Sheikh, E. Tweedle, I. Khattak, C. Thompson, R. Jenkins, T. Nedjadi, A. Shekouh, F. Campbell, A. Dodson, W. Prime, T. Crnogorac-Jurcevic, N. Lemoine, P. Rooney, E. Costello. Division of Surgery and Oncology; Biomedical Sciences Proteomics Facility; Department of Pathology; Cancer Tissue Bank Research Centre, Department of Pathology, University of Liverpool, United Kingdom; Cancer Research UK Centre for Molecular Oncology Unit, Institute of Cancer, Barts and the London School of Medicine and Dentistry, London, England

116  Akt Activation in Alcoholic Pancreatitis: Role of PTEN

117  Molecular Evidence of 3,3’-Diindolylmethane Induced Enhancement in Chemosensitivity of Pancreatic Cancer Cells to Multiple Chemotherapeutic Agents
S. Banerjee, Z. Wang, P. Chaio, F. Sarkar. Barbara Ann Karmanos Cancer Institute, Wayne State University, Detroit, MI; MD Anderson Cancer Center, Houston, TX

118 Adrenomedullin (ADM) is Induced by Hypoxia and Enhances
J. Kleeff, S. Keleg, H. Kayed, R. Hennig, M. Büchler, H. Friess. Department of General Surgery, University of Heidelberg, Heidelberg, Germany

119 Selective and Conditional Depletion of Macrophages Reduces the Severity of Caerulein-Induced Acute Pancreatitis
G. Perides, E. Weiss, G. Van Acker, J. Duffield, M. Steer. Dept. of Surgery, Tufts-New England Medical Center and Tufts University School of Medicine; Dept. of Medicine, Brigham and Woman's Hospital, Harvard Medical School, Boston, MA

120 HSP70 Inhibits Apoptosis in Pancreatic Cancer Cells by Attenuating Intracellular Calcium
V. Dudeja, P. Phillips, R. Dawra, R. Sharif, A. Saluja. University of Massachusetts Medical School, Dept of Surgery, Worcester, MA; University of Minnesota, Minneapolis, MN

121 Regulation of Pancreatitits-Associated Protein (PAP) Induced Cytokine Expression through Signal Transduction Pathways NFKB, JNK, and ERK
D. Viterbo, Y. Lin, C. Mueller, M. Zenilman, M. Bluth. Department of Surgery SUNY Downstate Medical Center, Brooklyn, NY

Boards 122-146: Basic Science Posters

122 Influence of N-Acetyl Cistein (NAC) Administration on Expression Level of GST-α Gene in an Experimental Pancreatic Ischemia-Reperfusion Model

123 The Protective Effect of AT1 Receptor Blockade on Obstruction-Induced Acute Pancreatitis: Its Potential Mechanistic Pathways
Y. Chan, P. Leung. Department of Physiology, Faculty of Medicine, The Chinese University of Hong Kong, Shatin, Hong Kong

124 Comparative Effects of Cholecystokinin-58 and Cholecystokinin-8 on Calcium Signalling in Mouse Pancreatic Acinar Cells
D. Criddle, G. Green, J. Reeve, Jr., R. Sutton, O. Petersen. Department of Physiology, Division of Surgery & Oncology, University of Liverpool, UK; University of Texas Health Science Center; University of California
125 **Nelfinavir Stabilizes MOMP and Reduces Acinar Injury in Pancreatitis**  
V. Singh, G. Bren, A. Algeceras-Schmnich, D. Schnepple, S. Navina, S. Vlahakis, S. Charì, S. Vége, A. Badley. Division of Gastroenterology, Division of Infectious Diseases, Translational Program in Immunology and Biodefense, Mayo Clinic and Foundation, Rochester, MN; Department of Pathology, University of Minnesota, Minneapolis, MN

126 **Effects of Perfluorooctanoic Acid (PFOA) in Cerulein-Induced Acute Pancreatitis in Rats**  
T. Griesbacher, B. Peskar. Institute for Experimental and Clinical Pharmacology, Medical University of Graz, Austria

127 **Keratinocyte Growth Factor and its Receptor Correlate with Venous Invasion via Matrix Metalloproteinase-9 (MMP-9) in Pancreatic Cancer**  
K. Cho, T. Tajiri, T. Ishiwata, E. Uchida, T. Aimoto, Y. Nakamura, A. Katsuno, M. Kawamoto, Y. Fujiwara, K. Teduka, N. Nakazawa, Z. Naito. Surgery for Organ and Biological Regulation (Department of Surgery), Graduate School of Medicine, Nippon Medical School; Integrative Pathology (Department of Pathology II), Graduate School of Medicine, Nippon Medical School, Tokyo, Japan

128 **Significance of Phosphorylation of Chk2 in Intraductal Papillary Mucinous Neoplasms of the Pancreas**  
Y. Miyasaka, E. Nagai, H. Yamaguchi, K. Fujii, T. Inoue, K. Ohuchida, K. Mizumoto, M. Tsuneyoshi, M. Tanaka. Department of Surgery and Oncology, Department of Anatomic Pathology, Kyushu University, Fukuoka, Japan

129 **Assessment of Correlation Between Hyperglycemia and Diabetic Renal Complications Using a Model of PVA (Polyvinyl Alcohol) Bio-Artificial Pancreas Transplantation**  
N. Sakata, S. Sumi, Y. Gu, M. Qi, C. Yamamoto, Y. Mikami, F. Motoi, T. Abe, S. Fukuyama, S. Egawa, M. Sunamura, K. Inoue. Department of Gastroenterological Surgery, Tohoku University, Sendai, Japan; Department of Organ Reconstruction and Biomaterials, Institute for Frontier Medical Sciences, Kyoto University, Kyoto, Japan

130 **Endocrine Gland-Vascular Endothelial Growth Factor (EG-VEGF) in Normal Pancreas and Pancreatic Adenocarcinoma**  
A. Morales-Miranda, B. Chávez, F. Vilchis, C. Chan, G. Robles-Díaz, V. Díaz-Sánchez. Department of Reproductive Biology and Surgery, Instituto Nacional de Ciencias Médicas y Nutrición Salvador Zubirán, Department of Experimental Medicine, Faculty of Medicine-UNAM. MEXFAM A.C., México City, Mexico
131 RGS-6 Regulates ERK Activation in Pancreatic AR42J Cells
I. Samuel, A. Chaudhary, R. Fisher. Carver College of Medicine, University of Iowa, Iowa City, IA

132 Elevated Serum Level of the Complement Regulator Protein CD59 is a Predictor of Organ Failure in Acute Pancreatitis
O. Lindström, L. Kylänpää, H. Jarva, P. Puolakkainen, E. Kemppainen, R. Haapiainen, H. Repo, S. Meri. Department of Surgery, Department of Medicine, Institution of Haartman, University of Helsinki, Helsinki, Finland

133 Tetracycline-Inducible Pancreatic Cancer Cell Lines
S. I. Patel, M. Bier, C. Goldring, W. Hillen, E. Costello. Division of Surgery and Oncology, Biomedical Sciences Proteomics Facility, Department of Pharmacology and Therapeutics, University of Liverpool, UK; Lehrstuhl fur Mikrobiologie, Friedrich-Alexander-Universitat, Staustr, Germany

134 PSP/reg Inhibits Human Pancreatic Stellate Cell Proliferation and MMP2/TIMP1 and 2 Secretion
L. Li, S. Zhou, M. Bachem, M. Siech, D. Bimmler, R. Graf. Dept. Clinical Chemistry, University Hospital of Ulm, Germany; Dept. Surgery, Klinikum Aalen, Germany; Pancreatitis Res. Lab., Dept. of Surgery, University Hospital of Zurich, Switzerland

135 Dysregulated cMet Down Regulation in Pancreatic Adenocarcinoma Cells
K. Hill, Cruz-Monserrate, K. O’Connor, L. Elferink. Department of Neuroscience and Cell Biology, Department of Surgery, Sealy Center for Cancer Cell Biology, University of Texas Medical Branch, Galveston, TX

136 The Hunt for the Mysterious Enzyme Y. A progress report.
R. Szmola, M. Sahin-Tóth. Department of Molecular and Cell Biology, Boston University Goldman School of Dental Medicine, Boston, MA

137 A Reverse Phase Array Platform for Measurement of Pancreatic Biomarkers
T. Grote, D. Siwak, G. Mills, C. Logsdon. Departments of Cancer Biology, GI Medical Oncology and Molecular Therapeutics, University of Texas M.D. Anderson Cancer Center, Houston, TX

138 RNAi- and Antisense-Targeted Down-Regulation of Gastrin in Pancreatic Cancer Cells Inhibits Tumor Growth and Metastasis
J. Harms, G. Matters, C. McGovern, J. Smith. Dept. of Medicine, Penn State College of Medicine, Hershey, PA
139 Emelin Regulates XIAP and Survivin Levels through Different Mechanisms and Induces Pancreatic Cancer Cell Death
M. Edderkaoui, S. Pandol, A. Gukovskaya. VAGLAHS and University of California, Los Angeles, CA

140 Crosstalk of the TGF-β Inducible Tumor Suppressor KLF11 with other TGB-β-like Pathways and Involvement with Extracellular Matrix Deposition and Cell Adhesion
M. Truty, M. Knight, R. Urrutia. GI Research Unit, Mayo Clinic College of Medicine, Rochester, MN; Oakwood College, Huntsville, AL

141 The N-3 Polyunsaturated Fatty Acid EPA Decreases Pancreatic Cancer Cell Growth In Vitro
H. Funahashi, M. Satake, S. Hasan, H. Sawai, H. Reber, O. Hines, G. Eibl. Department of Surgery, David Geffen School of Medicine at UCLA, Los Angeles, CA; Department of Gastroenterological Surgery, Nagoya City University, Japan

142 Rottlerin Stimulates Apoptosis in Pancreatic Cancer through Inhibition of Bcl-xL
I. Ohno, G. Eibl, I. Odinokova, M. Edderkaoui, M. Yazbeck, S. Pandol, A. Gukovskaya. VAGLAHS /UCLA, Los Angeles, CA; Hirshberg Foundation for Pancreatic Cancer Research, Los Angeles, CA; Department of Surgery, David Geffen School of Medicine, UCLA, Los Angeles, CA

143 In Vivo Leukocyte-Endothelium Interactions in Rat Mesenteric Microvessels and Cytokines Serum Levels in Acute Pancreatitis Followed by Inhibition of TNF-Alpha Production: An Intravital Microscopic Study
A. Matheus, J. Jukemura, A. Coelho, S. Sampietre, P. Sannomiya, N. Nakagawa, J. da Cunha, M. Machado. Dept. of Gastroenterology, Research Division - Heart Institute (InCor), University of São Paulo, São Paulo, Brazil

144 Volatile Organic Compounds in Breath in Patients with Pancreatic Tumor. A Preliminary Case-Control Prospective Study
F. Zarantonello, G. Butturini, A. Princivalle, A. Caletti, C. Bassi, L. Perbellini, P. Pederzoli. Surgical and Gastroenterological Department, Medicine and Public Health Department, University of Verona, Italy

145 Crosstalk between KRAS and Hedgehog Pathways in the Regulation of GLI Function in Pancreatic Cancer Cells
J.J. Han, M.E. Fernandez-Zapico. Gastroenterology Research Unit, Mayo Clinic College of Medicine, Rochester, MN.
146 GLI Proteins, Key Mediators of Hedgehog Pathway in Pancreatic Cancer Cells, Function via the Interaction with a p300 and BRG-Containing Complex
C. Lokko, J.J. Han and M.E. Fernandez-Zapico. Gastroenterology Research Unit, Mayo Clinic College of Medicine, Rochester, MN.

Boards 147-152: Clinical Posters of Distinction

147 Laparoscopic Distal Pancreatectomy: Results on a Consecutive Series of 58 Patients
G. Melotti, G. Butturini, M. Piccoli, L. Casetti, C. Bassi, B. Muller, C. Lazzaretto, P. Pederzoli. Surgical Department, New Hospital Sant’Agostino-Estense, Modena, Italy; Surgical and Gastroenterological Department, Verona University, Italy

148 Predictive Markers of Treatment Response to 5-FU and Gemcitabine in Pancreatic Cancer: Results from the RTOG 9704 Prospective Randomized Adjuvant Treatment Trial
J. Farrell, R. Lai, K. Winter, M. Van Rijnsoever, W. Regine, P. Schaeffer, A. Bowen Benson, J. Macdonald, C. Willett, J. Mackey, H. Elsaleh. Division of Digestive Diseases, UCLA School of Medicine, Los Angeles, CA; Cross Cancer Institute, University of Alberta; RTOG Statistical Department, Division of Radiation Oncology, UCLA School of Medicine, Los Angeles, CA; University of Maryland Medical Systems, Baltimore, MD; Toledo Community Hospital Oncology Program CCOP, Toledo, OH; ECOG Investigator, Northwestern University, Chicago, IL; SWOG Investigator, St. Vincent’s CCC, New York, NY; Duke University Medical Center Durham, NC

149 Feasibility of Minimally Invasive Approach in Patients with Infected Necrotizing Pancreatitis
M. Besselink, H. van Santvoort, T. Bollen, A. Schaapherder, B. van Ramshorst, H. van Goor, H. Gooszen. The Dutch Acute Pancreatitis Study Group. Department of Surgery, University Medical Center Utrecht; Department of Radiology, St. Antonius Hospital Nieuwegein; Department of Surgery, Leiden University Medical Center; Department of Surgery, St. Antonius Hospital Nieuwegein; Department of Surgery Radboud University, Nijmegen Medical Centre, The Netherlands

150 Disrupted Pancreatic Duct Syndrome in Severe Acute Pancreatitis is not a Cause of Death
S. Vege, M. Pelaez-Luna, B. Petersen, S. Chari, J. Clain, M. Levy, R. Pearson, M. Topazian, M. Farnell, M. Kendrick, T. Baron. Pancreas Interest Group, Division of Gastroenterology and Hepatology, Department of Surgery, Department of Endoscopy, Mayo Clinic, Rochester, MN
151 Feasibility of Using Biophotonics to Assist in Cytologic Diagnosis of Pancreatic Cancer

152 Pancreatic Cytokine Secretion in Severe Acute Pancreatitis
S. O'Keefe, R. Hegazi. Division of Gastroenterology, University of Pittsburgh, Pittsburgh, PA

Boards 153-173: Clinical Posters

153 Pankrin: A New Parameter for the Diagnosis of Acute Pancreatitis in Cases of Late Clinical Presentation
P. Lankisch, B. Weber-Dany, C. Doobe, T. Finger, P. Maisonneuve, A. Lowenfels, V. Keim. Department of Internal Medicine, Municipal Clinic of Lueneburg, Germany; European Institute of Oncology, Milan, Italy; New York Medical College, Valhalla, NY; Medical Clinic and Policlinic II, University Clinic of Leipzig, Germany

154 Somatostatin Cell Hyperplasia in the Pancreas
K. Iki, P. Pour. UNMC/Epply Cancer Center, University of Nebraska Medical Center, Omaha, NE

155 Lundh Test—A classic Exocrine Pancreatic Function Test—A Test for Pancreas Failure?
K. Jang-Won Cho, T. Cederholm, J. Lokk. Gastroenterological and Geriatric Department, Karolinska University Hospital, Stockholm and Institution for Health and Medical Care of Clinical Nutrition, Uppsala University, Sweden

156 Frequency of Cationic Trypsinogen (PRSS1) Gene and the Serine Protease Inhibitor, Kazal Type 1 (SPINK1) Gene Mutations in Patients with Chronic Alcoholic Pancreatitis (CAP)
A. Gasiorowska, R. Talar-Wojnarowska, B. Smolarz, H. Romanowicz-Makowska, A. Kulig, E. Malecka-Panas. Departament of Digestive Tract Diseases, Medical University of Lodz; Laboratory of Molecular Genetics, Department of Pathology, Institute of Polish Mother's Memorial Hospital, Lodz, Poland

157 Prognosis of the Clinical Course of Acute Biliary Pancreatitis
S. Chooklin, A. Perejaslov, V. Fedoriv. Department of Surgery, Medical University, Lviv, Ukraine
158 Efficacy and Safety of US-Guided Intraoperative Pancreatic Biopsy Using Levovist® into the Bile Duct
T. Aimoto, E. Uchida, Y. Nakamura, A. Katsuno, K. Chou, M. Kawamoto, T. Tajiri, Z. Naito. Dept. of Surgery, Nippon Medical School; Dept. of Pathology, Nippon Medical School

159 Describing CT Findings in Acute Necrotizing Pancreatitis with the Atlanta Classification: An Interobserver Agreement Study
M. Besselink, H. van Santvoort, T. Bollen, M. van Leeuwen, H. Gooszen. Departments of Surgery, University Medical Center Utrecht, The Netherlands

160 Obesity Correlates with Early Hyperglycemia in Patients with Acute Pancreatitis Who Developed Organ Failure
P. Mentula, L. Kylänpää, E. Kemppainen, P. Puolakkainen. Second Department of Surgery, Helsinki University Central Hospital, Helsinki, Finland

161 Towards an Update of the Atlanta Classification on Acute Pancreatitis: Review of New and Abandoned Terms
T. Bollen, M. Besselink, H. van Santvoort, H. Gooszen, M. van Leeuwen. Department of Radiology, St. Antonius Hospital Nieuwegein; Departments of Surgery, Radiology, University Medical Center Utrecht, The Netherlands

162 Mucoepidermoid Carinoma of the Pancreas: A Case Report
I Fujita, T. Hatori, A. Fukuda, S. Onizawa, T. Sugiki, T. Furukawa, S. Kawamura, K. Shiratori, M. Yamamoto. Department of Gastroenterological Surgery, International Research and Educational Institute for Integrated Medical Science, Department of Pathology, Gastroenterological Internal Medicine, Tokyo Women's Medical University, Tokyo, Japan

163 Clinicopathologic Study on Pancreatic Groove Carcinoma
E. Uchida, T. Aimoto, Y. Nakamura, A. Katsuno, K. Chou, M. Kawamoto, T. Tajiri, Z. Naito. Dept. of Surgery, Nippon Medical School; Dept. Of Pathology, Nippon Medical School, Tokyo, Japan

164 Prevalence of and Risk-Factor Profile for Pancreatitis in Male Veterans with Mixed Alcohol and Drug Addiction
D. Yadav, M. Eigenbrodt, M. Briggs, D. Williams, E. Wiseman. Central Arkansas Veterans Healthcare System & University of Arkansas for Medical Sciences, Little Rock, AR
166 **Natural History of Branch-Duct Type Intraductal Papillary Mucinous Neoplasms of the Pancreas**  
S. Lee, J. Park, S. Woo, J. Yoo, J. Ryu, Y. Kim, Y. Yoon. Department of Internal Medicine and Liver Research Institute, Seoul National University College of Medicine, Seoul, Korea

168 **Biomedical Computing Tools for Pancreatic Cancer Collaborative Research**  
S. Sherman, O. Shats, H. Zhu, A. Sherman, M. Ketcham, G. Haynatzky, R. Brand. University of Nebraska Medical Center, Omaha, NE; Creighton University, Omaha, NE; Evanston Northwestern Healthcare, Glenview, IL

169 **Pancreatic Polypeptide (PP) Administration Reduces the Insulin Requirement of Patients on Insulin Pump Treatment**  
D. Elahi, M. Thompson, D. Andersen. Johns Hopkins Bayview Medical Center, Baltimore, MD; University of Massachusetts Medical Center, Worcester, MA

170 **P2RY2 Gene Polymorphisms are not Associated with Pain in Chronic Pancreatitis**  
D. Mullady, D. Molliver, J. Lamb, A. Slivka, B. Elinoff, D. Whitcomb. University of Pittsburgh Medical Center, Pittsburgh, PA

171 **Pancreatic Panniculitis**  
I. Lee, C. Park, J. Chang, K. Nam, J. Suh, J. Kwon, Y. Cho, S. Kim, M. Choi, I. Chung. Division of Gastroenterology, Department of Internal Medicine, College of Medicine, The Catholic University, Seoul, Korea

172 **Hemoconcentration is an Independent Risk Factor for Mortality in Acute Pancreatitis**  
B. Wu, R. Johannes, S. Kurtz, Y. Tabak, P. Banks. Center for Pancreatic Disease, Division of Gastroenterology, Brigham and Women's Hospital Women's Hospital, Division of Gastroenterology, Boston, MA; Cardinal health, Marlborough, MA

173 **New Method for Diagnosing Pancreatic Exocrine Insufficiency**  
A. Matsumoto, H. Tanaka, E. Sizuno, Y. Matsuhasi, M. Yanagimachi, N. Hasegawa, Y. Tando, T. Suda, M. Nogi, T. Nakamura. Third Department of Internal Medicine, Department Health Science, Hirosaki University School of Medicine, Aomori, Japan
Saturday, November 4, 2006
Boards 174-182: Basic Science Posters of Distinction

174 Integrin-Linked Kinase Activity is Associated with Progressive Behavior of Pancreatic Cancer
H. Sawai, Y. Okada, H. Funahashi, Y. Matsuo, H. Takahashi, H. Takeyama, T. Manabe. Department of Gastroenterological Surgery, Nagoya City University Graduate School of Medical Sciences, Nagoya, Japan

175 Alcohols Enhance Vacuolar ATPase Translocation and Zymogen Activation in Caerulein-Stimulated Pancreatic Acinar Cells
E. Thrower, T. Kolodecik, I. Cooma-Ramberan, F. Gorelick. Department of Internal Medicine, Section of Digestive Diseases, Department of Cell Biology, Veterans Administration Connecticut Healthcare, West Haven; Yale University School of Medicine, New Haven, CT

176 Integrin α6β4 Contributions in Pancreatic Carcinoma
Z. Cruz-Monserrate, S. Qiu, B. Evers, K. O’Connor. Sealy Center for Cancer Cell Biology, Department of Pathology, Department of Surgery, The University of Texas Medical Branch, Galveston, TX

177 Pancreas Carcinoma Cell Lines Stimulate Motility and Attract Stellate Cells via Production of PDGF
M. Bachem, K. Buck, S. Zhou, W. Schneiderhan, M. Siech. Dept. Clinical Chemistry, University Hospital Ulm, Germany; Dept. Surgery, Klinikum Aalen, Germany

178 Prophylactic Antibiotic Treatment is Superior to On-Demand Therapy in a Standardized Model of Severe Necrotizing Pancreatitis
S. Fritz, W. Hartwig, R. Lehmann, T. Hackert, H. Geiss, K. Will-Schweiger, M. Büchler, J. Werner. Department of General and Visceral Surgery, Department of Microbiology, University of Heidelberg, Germany

179 Silencing of RelA/p65 Enhances TRAIL but not Gemcitabine Mediated Apoptosis in Pancreatic Cancer Cells
X. Pan, T. Yamamoto, T. Arumugam, J. Baoan, S. Khanbolooki, D. McConkey, C. Logsdon. Department of Cancer Biology and Medical Oncology, UT MD Anderson Cancer Center, Houston, TX

180 Evidence for a Reduced Stability of PRSS1 with a Novel Hereditary Pancreatitis Associated Mutation
T. Meister, M. Wobker, P. Felderbauer, W. Domschke, W. Schmidt, J. Schnekenburger. Department of Medicine, University Hospital Münster; University Hospital Bochum, Germany
181  **Shh Misexpression in the Adult Pancreas Results in the Expansion of both a Mucinous Ductal Metaplasia and a Fibrosing Mesenchyme**  
J. Alsina, A. Stirman, M. Mino-Kenudson, C. Fernandez-del Castillo, A. Warshaw, S. Thayer. Departments of Surgery and Pathology, Massachusetts General Hospital, Harvard Medical School, Boston, MA

182  **Pancreatic Gene Expression During Arginine-Induced Pancreatitis**  
S. Gaiser, C. Kubisch, C. Logsdon. Departments of Cancer Biology, GI Medical Oncology, University of Texas M.D. Anderson Cancer Center, Houston, TX; Department of Internal Medicine II, University of Munich, Munich, Germany

Boards 183-207: Basic Science Posters

183  **Selective Expression of Tumor Associated Antigens by Samples Derived from Human Pancreatic Cancer**  
F. Schmitz-Winnenthal, L. Galindo-Escobedo, D. Rimoldi, W. Geng, P. Romero, M. Koch, J. Weitz, R. Krempien, A. Niethammer, P. Beckhove, M. Buchler, K. Z’graggen. Department of General Surgery, University Hospital of Heidelberg, Germany; Ludwig Institute for Cancer Research, Lausanne Branch, University of Lausanne, Epalinges, Switzerland; National Center for Competence in Research, Molecular Oncology, Epalinges, Switzerland; Departement of Radiation Oncology, University Hospital of Heidelberg, Germany; German Cancer Research Center (DKFZ), Heidelberg, Germany; Berner Viszeralchirurgie, Klinik Beau–Site Hirslanden, Bern, Switzerland

184  **The Salivary Tripeptide Analogue feG Ameliorates Acute Pancreatitis in a Cerulein Mouse Model**  
Y. Rifai, C. Carati, J. Davison, D. Hussey, A. Thomas, R. Mathison, J. Touli, G. Saccone. Depts. General & Digestive Surgery, Anatomy & Histology, Anatomical Pathology, Flinders University, Adelaide, South Australia, Australia; Dept. Physiology and Biophysics, University of Calgary, Alberta, Canada

185  **N-acetyl Cysteine Beneficial Effect on Pancreas and Kidney Following Pancreatic Ischemia-Reperfusion: A Crosstalk Evidence**  
R. Meirelles Jr, M. Kubrusly, N. Molan, S. Sá, M. Correa-Gianella, D. Gianella-Neto, T. Bacchella, M. Machado. Department of Surgery, Department of Endocrinology, University of São Paulo/School of Medicine, São Paulo, Brasil

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2006 Joint Meeting of the American Pancreatic Association and International Association of Pancreatology
186  Redox Cycling in Menadione-Induced Apoptosis of Murine Pancreatic Acinar Cells
D. Criddle, S. Gillies, M. Jaffar, H. Baumgartner-Wilson, O. Gerasimenko, A. Tepikin, O. Petersen, R. Sutton. Dept. of Physiology, Division of Surgery and Oncology, University of Liverpool; University of Manchester, United Kingdom

187  Neutralizing IL-10 Reverses the Protection Against Acute Pancreatitis by Crambene
Y. Cao, S. Adhikari, M. Clément, M. Wallig, M. Bhatia. Department of Pharmacology and Biochemistry, National University of Singapore, Singapore; Department of Pathobiology, University of Illinois at Urbana, Champaign, Urbana, IL

188  Calcium Dependant Release of NO from S-nitrosothiols in Pancreatic Acinar Cells—A Novel Mechanism of NO Production
M. Chvanov, O. Gerasimenko, O. Petersen, A. Tepikin. University of Liverpool, United Kingdom

189  Expression of Nestin in Pancreatic Cancer Cell Lines and Nerve Fibers Close to Pancreatic Cancer
M. Kawamoto, T. Tajiri, T. Ishiwata, E. Uchida, T. Aimoto, Y. Nakamura, A. Katsuno, K. Cho, Y. Fujiwara, Y. Kawamoto, Z. Naito. Surgery for Organ and Biological Regulation (Department of Surgery), Graduate School of Medicine, Nippon Medical School, Tokyo, Japan; Department of Integrative Pathology (Department of Pathology II), Graduate School of Medicine, Nippon Medical School, Tokyo, Japan

190  Pancreatic Fibrosis Increased after Discontinuation of Pravastatin Treatment in OLETF Rat
M. Yamamoto, M. Otani, M. Otsuki. Department of Gastroenterology and Metabolism, University of Occupational and Environmental Health, Japan

191  The Effect of Virus Infection on Pancreatic Duct Cell Secretion
I. Ignáth, V. Venglovecz, B. Oszvari, Z. Rakonczay Jr., B. Ordog, T. Takacs, J. Lonovics, Z. Boldogkoi, A. Toth, A. Varro, P. Hegyi. First Department of Medicine, Department of Biology, Department of Pharmacology and Pharmacotherapy, Division of Cardiovascular Pharmacology, Hungarian Academy of Sciences, Faculty of Medicine, University of Szeged, Szeged, Hungary
192 Dendritic Cells (DC) Generation from Peripheral Blood Mononuclear Cells Obtained from Jaundiced Patients with Pancreatic Adenocarcinoma
M. Treglia, J. Jukemura, A. Matheus, J. Cunha, M. Machado, J. Barbuto. University of São Paulo, São Paulo, Brazil

193 Exogenous Capsaicin Application Induces Endogenous CGRP Liberation and Attenuates Acute Experimental Pancreatitis
T. Hackert, L. Schneider, M. Heck, W. Hartwig, M. Gebhard, M. Büchler, J. Werner. Dept. of Surgery, Dept. of Exp. Surgery, University of Heidelberg, Germany

194 Insulin and IGF-1 Inhibit Pancreatic Stellate Cell Apoptosis: Implications for Resolution of Fibrosis Following Pancreatic Injury
M. Patel, F. Shek, R. Benyon, D. Fine. The Pancreatic and Liver Fibrosis Research Groups, Divisions of Inflammation, Allergy and Repair, University of Southampton, United Kingdom

195 Blockage of CCR1 by Non-Peptide Antagonist BX471 Shows Protective Effect Against Acute Pancreatitis-Associated Lung Injury
M. He, R. Horuk, M. Bhatia. Department of Pharmacology, Yong Loo Lin School of Medicine, National University of Singapore, Singapore; Department of Immunology, Berlex Biosciences, Richmond, CA

197 Phosphorylation of HP1γ by Aurora A Targets it to Centrosomes During Mitotic Entry: Potential Implication in Chromosomal Stability
G. Lomberk, D. Bensi, R. Urrutia. GI Research Unit, Mayo Clinic College of Medicine, Rochester, MN

198 Is 15-Lipoxygenase-1 a Tumor Suppressor in Pancreatic Cancer?
S. Noor, R. Hennig, S. Rao, M. Buchler, G. Fuerstenberger, H. Friess, T. Adrian, P. Krieg. Department of Surgery, University of Heidelberg, Germany; German Cancer Center, Heidelberg; Departments of Surgery, Pathology, Feinberg School of Medicine, Northwestern University, Chicago, IL

199 Effect of Non-Ethanol Compounds of Alcoholic Drinks on the Pancreas (a First Review)
M. Singer, A. Gerloff, P. Feick. Department of Medicine II, University Hospital of Heidelberg at Mannheim, Germany

200 Overexpression of 14-3-3σ Confers a Growth and Survival Advantage in Pancreatic Cancer
D. Neupane, M. Korc. Departments of Medicine, Pharmacology, Toxicology, Dartmouth Medical School, Hanover, New Hampshire
201 Apigenin Inhibits Pancreatic Cancer Cell Proliferation via Down-Regulation of the GLUT-1 Glucose Transporter Through the Phosphoinositide 3-kinase (PI3K)/Akt Signaling Pathway

202 Therapy of Pancreatic Carcinoma in a Mouse Model Using Streptococcus Pyogenes
C. Maletzki, M. Linnebacher, R. Jaster, S. Liebe, T. Kreikemeyer, J. Emmrich. Dept. of Medicine, Dept. of Surgery, Inst. of Microbiology, University of Rostock, Germany

203 Changes in Serum Reg Levels Following Kidney Transplantation
M. Stratilatova, M. Pandya, H. Drew, T. Smith-Norowitz, M. Markell, M. Zenilman, M. Bluth. Department of Medicine, Pediatrics, Surgery, SUNY Downstate Medical Center, Brooklyn, NY

204 Statins in Experimental Acute Pancreatitits
J. de Almeida, J. Jukemura, A. Coelho, S. Sampietre, N. Molan, M. Machado, J. da Cunha. Dept. of Gastroenterology, University of São Paulo, São Paulo, Brazil

205 Plasminogen Activating System in Cultured Pancreatic Stellate Cells: Effects of Ethanol
A. Lugea, S. Pandol. USC-UCLA Research Center for Alcohol Liver and Pancreatic Diseases, University of California; VAGLAHS, Los Angeles, CA

206 Endoplasmic Reticulum Stress in L-Arginine-Induced Mouse Model of Pancreatitis
R. Dawra, R. Sharif, P. Phillips, V. Dudeja, A. Saluja. University of Massachusetts Medical School, Dept. of Surgery, Worcester, MA; University of Minnesota, Minneapolis, MN

207 Triptolide Induces Apoptosis in Pancreatic Cancer Cells via Inhibition of Heat Shock Protein 70 (HSP70)
P. Phillips, V. Dudeja, R. Sharif, R. Dawra, A. Saluja. University of Massachusetts Medical School, Dept. of Surgery, Worcester, MA; University of Minnesota, Minneapolis, MN

Boards 208-215: Clinical Posters of Distinction
208 Infectious Complications after EUS-Guided Fine Needle Aspiration (FNA) of Pancreatic Cystic Lesions (PCL)
S. Gross, M. Al-Haddad, K. Noh, S. Pungpapong, T. Woodward,
Cytology Brushings vs. Standard Fine Needle Aspiration (FNA) in Evaluating Pancreatic Cystic Lesions (PCL): A Controlled Study
M. Al-Haddad, M. Raimondo, T. Woodward, M. Krishna, S. Pungpapong, K. Noh, M. Wallace. Mayo Clinic College of Medicine, Jacksonville, FL

Diabetes is not a Predisposing Factor for Pancreatic Cancer—New Evidence
P. Pour. UNMC/Eppley Cancer Center; Department of Pathology and Microbiology, University of Nebraska Medical Center, Omaha, NE

Pancreatic Ductal Sonographic Abnormalities are Predictive of Impaired Duct-Cell Exocrine Function
T. Stevens, D. Conwell. The Pancreas Clinic, Department of Gastroenterology, Cleveland Clinic Foundation, Cleveland, OH

Antisense Intronic Non-Coding RNA Levels in Pancreatic Cancer
M. Kubrusly, E. Reis, R. Louro, L. Camargo, R. Fonseca, J. Cunha, J. Jukemura, T. Bacchella, S. Verjovski-Almeida, M. Machad. Department of Biochemistry, University of São Paulo/Biochemistry Institute; Department of Surgery, Gastroenterology, University of São Paulo School of Medicine, São Paulo, Brasil

Impact of Endoscopic Ultrasound (EUS) Guided Fine Needle Biopsy in the Diagnosis of Pancreatic Masses
J. Iglesias-García, I. Abdulkader, J. Lariño-Noia, J. Forteza, J. Domínguez-Munoz. Departments of Gastroenterology and Pathology, University Hospital of Santiago de Compostela, Spain

Oral Pancreatic Enzyme Substitution Therapy in Patients with Chronic Pancreatitis: Assuring a Normal Nutritional Status
J. Domínguez-Munoz, M. Vilarino, M. Iglesias-Rey, J. Iglesias-García. Department of Gastroenterology, University Hospital of Santiago de Compostela, Spain

MCP1 Genotype in Acute Pancreatitis
Gastroenterology, Verona, Italy; Nephrology, Parma Hospital, Parma, Italy; University of Parma, Surgery, University of Parma, Parma, Italy; Gastroenterology, Parma Hospital, Parma, Italy

Boards 216-237: Clinical Posters

216 Reoperations after Frey Procedure for Chronic Pancreatitis
S. Egawa, N. Sakata, Y. Mikami, F. Motoi, T. Abe, S. Fukuyama, M. Unno. Dept. of Gastroenterological Surgery, Tohoku University, Sendai, Japan

217 Cystic Fibrosis (CF) and the Risk of Pancreatic Cancer (PDAC)
A. Lowenfels, P. Maisonneuve, B. Marshall. Dept. Surgery New York Medical College, Valhalla NY; Epidemiology Unit, European Institute of Oncology, Milan, Italy; Cystic Fibrosis Foundation, Bethesda, MD

218 The Natural Course of Acute Idiopathic Pancreatitis
P. Lankisch, N. Breuer, A. Bruns, B. Weber-Dany, P. Maisonneuve, A. Lowenfels. Department of Internal Medicine, Municipal Clinic of Lueneburg, Germany; European Institute of Oncology, Milan, Italy; New York Medical College, Valhalla, NY

219 Acute Biliary Pancreatitis in Cholecystectomized Patients
K. Sung, N. Liu, C. Lee, J. Tang, C. Yang, C. Lin, C. Cheng. Digestive Therapeutic Endoscopic Section, Department of Hepato-Gastroenterology, Chang Gung Memorial Hospital, Taipei, Taiwan

220 Oxidative Stress and Liver Dysfunction in Acute Pancreatitis
I. Bihalskyy, S. Chooklin, A. Perejaslov. Department of Surgery, Medical University, Lviv, Ukraine

221 Prophylactic Duodenum and Spleen Preserving Total Pancreatectomy for a Patient with Hereditary Pancreatic Cancer: A Case Report
T. Hatori, A. Fukuda, S. Onizawa, T. Sugiki, I. Fujita, T. Nishino, K. Shiratori, M. Yamamoto. Department of Gastroenterological Surgery, Tokyo Women's Medical University, Tokyo, Japan; Department of Gastroenterological Internal Medicine, Tokyo Women's Medical University, Tokyo, Japan

222 Drug-Induced Acute Pancreatitis: An Evidence Based Approach
N. Badalov, R. Baradarian, K. Iswara, W. Steinberg, S. Tenner. Division of Gastroenterology, Maimonides Medical Center; State University of New York; The George Washington University School of Medicine, Washington, DC
223 Randomised Phase I/II Trial Assessing the Safety and Efficacy of Radio Labelled Anti-Carcinoembryonic Antigen Antibodies in Unresectable Pancreatic Cancer
A. Sultana, S. Shore, S. Vinjamuri, J. Evans, C. Tudur Smith, S. Chauhan, L. Bosonnet, C. Garvey, J. Neoptolemos, P. Ghaneh. Division of Surgery and Oncology, Departments of Nuclear Medicine and Radiology, Royal Liverpool University Hospital, Centre for Medical Statistics and Health Evaluation, University of Liverpool, Liverpool, UK

224 The Recurrence of Alcohol Induced Pancreatitis may be Reduced by 6-month Intervention Therapy
H. Pelli, R. Lappalainen-Lehto, J. Sand, I. Nordback. Dept. of Gastroenterology and Alimentary Tract Surgery, Tampere University Hospital, Finland

225 Evaluating Chronic Pancreatitis by Endoscopic Ultrasound (EUS)-Guided Fine Needle Biopsy (FNB)
J. Iglesias-García, J. Lariño-Noia, I. Abdulkader, J. Forteza, J. Domínguez-Munoz. Departments of Gastroenterology and Pathology. University Hospital of Santiago de Compostela, Spain

226 Risk Factors for Pancreatic Fistula. Does it have a Clinical Application for Early Identification of Patients with High Risk to Develop Pancreatic Fistula after Pancreatoduodenectomy?
A. Matheus, A. Montagnini, J. Jukemura, R. Jureidini, M. Perini, S. Penteado, L. Haddad, E. Abdo, J. Cunha. Dept. of Gastroenterology, University of São Paulo, São Paulo, Brazil

D. Fitzsimmons, C. Osmond, S. George, C.D. Johnson. School of Health Science, University of Wales Swansea; MRC Epidemiology Resource Centre, Health Care Research Unit, University Surgical Unit, Southampton General Hospital, Southampton, United Kingdom

228 How Accurate are ICD-9 Codes for Acute (AP) and Chronic (CP) Pancreatitis? A Large VA Hospital Experience
D. Yadav, R. Dhir. Central Arkansas Veterans Healthcare System and University of Arkansas for Medical Sciences, Little Rock, AR

230 Incidence of Acute Pancreatitis in Patients Complaining of Acute Abdominal Pain in Japan
Y. Kihara, M. Otsuki. Research Committee of the Intractable Diseases of the Pancreas, Department of Gastroenterology and Metabolism, University of Occupational and Environmental Health, School of Medicine, Kitakyushu, Japan
The M-ANNHEIM Classification of Chronic Pancreatitis: A New Classification System According to Etiology, Clinical Stages and Severity of the Disease
A. Schneider, J. Löhr, M. Singer. Department of Medicine II (Gastroenterology, Hepatology, Infectious Diseases), Medical Faculty at Mannheim, University of Heidelberg, Mannheim, Germany

Assessment of Isoform Specificity of a Polyclonal Elastase ELISA
F. Weiss, M. Ruthenbürger, E. Hammer, U. Völker, M. Lerch. Department of Gastroenterology, Laboratory for Functional Genomics, University of Greifswald, Germany

PIBF (Progesterone Induced Blocking Factor) is Elevated in Pancreatic Cancer Patients
Á. Pap, T. Micsik, B. Polgár, K. Ráski, F. Péterffy, E. Schafer, K. Diófávalvi, F. Hollósy, L. Kopper, R. Schwab, J. Szekeres-Barthó, I. Peták. Dept. of Microbiology and Immunology, Medical University, Pécs, Hungary; Diagnosztikum Rt/Ltd, Budapest, Hungary; Dept of Gastroenterology and Surgery, MAV Hospital, Budapest, Hungary; Cooperative Research Center, 1st Dept. of Pathology, Semmelweis University, Budapest, Hungary

IL-6 Levels do not Increase with Adding Systemic Complications in Patients with AP: An Analysis on the Number of Organ Failures
A. Duarte-Rojo, A. Lezama Barreda, J. Suazo-Barahona, T. Ramírez, G. Robles-Díaz. INCMNSZ-UNAM. Mexico City, Mexico

Synthetic Human Secretin Enhances the Diagnostic Accuracy of Magnetic Resonance Cholangiopancreatography (MRCP)
D. Conwell, G. Zuccaro. The Pancreas Clinic, Department of Gastroenterology and Hepatology, The Cleveland Clinic Foundation, Cleveland, OH

The MCP-1 Gene Polymorphism is not Associated with Susceptibility for Chronic Alcoholic Pancreatitis in Korean
S. Lee, J. Ryu, J. Park, S. Woo, J. Yoo, Y. Kim, Y. Yoon. Department of Internal Medicine and Liver Research Institute, Seoul National University College of Medicine, Seoul, Korea

Determination of the Diagnostic Accuracy of Serum Trypsinogen as a Screening Test for the Evaluation of Pancreas Exocrine Insufficiency: A Clinical Application of the Endoscopic Pancreatic Function Test
G. Zuccaro, III, D. Conwell. Saint Ignatius High School, Cleveland, Ohio; The Pancreas Clinic, Department of Gastroenterology and Hepatology, Cleveland Clinic Foundation, Cleveland, Ohio

Conclusion of Poster Sessions
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