36th Annual Meeting of the
AMERICAN PANCREATIC ASSOCIATION
November 3–4, 2005
The Westin Chicago River North
Chicago, Illinois

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36th Annual APA Meeting
November 3-4, 2005
At The Westin Chicago River North
320 North Dearborn, Chicago, IL

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<th>Time</th>
<th>Wednesday (11/2)</th>
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| 7 AM   | Continental Breakfast & Registration  
GRAND COURT, 7-8AM                  | ORAL SESSION 1:  
PANCREATIC CANCER I  
GRAND BALLROOM A&B, 8-10AM     | ORAL SESSION 4:  
PANCREATIC CANCER II  
GRAND BALLROOM A&B, 8-10AM     | APA/NPF Symposium on  
"Inflammation and Pain in Pancreatic Disorders"  
7 AM – 4 PM  
(DAY 2)  
Details can be found in the program for the symposium |
| 8 AM   | ORAL SESSION 2:  
PANCREATIC CANCER I  
GRAND BALLROOM A&B, 10:15AM-12PM | STATE-OF-THE-ART  
COMPLEMENTARY LUNCHEON  
GRAND BALLROOM C              | BUSINESS MEETING               |                                                                            |
| 9 AM   | ORAL SESSION 3:  
BASIC SCIENCE  
GRAND BALLROOM A&B, 1:30-3:30PM | POSTER SESSION I  
PROMENADE BALLROOM A, B & C  
10AM-5PM                     | COMPLEMENTARY LUNCHEON  
GRAND BALLROOM C              | POSTER SESSION II  
PROMENADE BALLROOM A, B & C  
9 AM-4 PM                   |
| 10 AM  | STATE-OF-THE-ART                                                                 | CLINICAL CONTROVERSIES        | STATE-OF-THE-ART                                                                 |                                                                            |
| 11 AM  | PRE-REGISTRATION AREA  
LOBBY EAST, 4-7PM  
(NEAR THE FRONT DESK/
EMBER GRILLE AREA) | BUSINESS MEETING               | ORAL SESSION 5:  
PANCREATIC CANCER II  
GRAND BALLROOM A&B, 2-3:30PM | ROLFE FOUNDATION LECTURE  
GRAND BALLROOM A&B, 7-8PM |
| 12 PM  |                                                                                                                                               | BUSINESS MEETING               |                                                                            |
| 1 PM   |                                                                                                                                               | BUSINESS MEETING               |                                                                            |
| 2 PM   |                                                                                                                                               | BUSINESS MEETING               |                                                                            |
| 3 PM   |                                                                                                                                               | BUSINESS MEETING               |                                                                            |
| 4 PM   |                                                                                                                                               | BUSINESS MEETING               |                                                                            |
| 5 PM   |                                                                                                                                               | BUSINESS MEETING               |                                                                            |
| 6 PM   |                                                                                                                                               | BUSINESS MEETING               |                                                                            |
7:00 AM – 8:00 AM
Continental Breakfast & Registration
Grand Court

8:00 AM – 10:00 AM
Oral Session 1: PANCREATIC CANCER I
Grand Ballroom A & B

Moderators: Diane M. Simeone, MD & Thomas E. Adrian, PhD

8:00 AM
SONIC HEDGEHOG (SHH): A POTENT ANGIGENIC FACTOR NECESSARY FOR TUMOR GROWTH? D.D. Long, L.L. Munn, M. Mino-Kenudson, B. Antoniu, O. Strobel, C. Fernández-del Castillo, A.L. Warshaw, S.P. Thayer. Department of Surgery, Department of Pathology, and Steele Laboratory for Tumor Biology, Massachusetts General Hospital & Harvard Medical School, Boston, MA; Department of Surgery, Georgetown University Hospital, Washington, DC

8:15 AM
ENDOSCOPIC ULTRASOUND GUIDED BROAD PANEL MICRODISSECTION BASED GENOTYPING DIFFERENTIATES MALIGNANT AND BENIGN PANCREATIC MASSES. L. Nodlit, K. McGrath, D. Brody, S. Finkelstein, A. Khalid. The University of Pittsburgh Medical Center, Pittsburgh, PA

8:30 AM
RAGE IS ALTERNATIVELY SPliced IN PANCREATIC CANCER AND ITS SECRETORY FORM STIMULATES CANCER CELL GROWTH AND INVASION. T. Arumugam, C.D. Logsdon. Departments of Cancer Biology and Medical Oncology, UT MD Anderson Cancer Center, Houston, TX

8:45 AM
PHASE III RANDOMISED COMPARISON OF GEMCITABINE (GEM) WITH GEMCITABINE PLUS CAPECITABINE (GEM-CAP) IN PATIENTS WITH ADVANCED PANCREATIC CANCER. J.P. Neoptolemos, I. Chau, D. Stocken, C. Davies, J. Dunn, J. Valle, D. Smith, W. Steward, P. Harper, D. Cunningham on behalf of NCRI Upper Gastrointestinal Cancer Clinical Study Group. University of Liverpool, Royal Marsden Hospital, University of Birmingham, Christie Hospital, Clatterbridge Centre for Oncology, Guy’s Hospital, United Kingdom

9:00 AM
THE ACTIN CAPPING PROTEINS, CAPG AND GELSOLIN, ARE OVEREXPRESSED IN PANCREATIC CANCER: IMPLICATIONS FOR CANCER CELL MOTILITY AND PATIENT SURVIVAL. C. Thompson, F. Ashcroft, G. Saraga, D. Vimalachandran, S. Patel, W. Prime, F. Campbell, A. Dodson, R.E. Jenkins, N.R. Lemoine, T. Cnrnogorac–Jurcevic, H.L. Yin, J.P. Neoptolemos. E. Costello. Division of Surgery and Oncology, Cancer Tissue Bank Research Centre, Department of Pathology, Department of Pharmacology and Therapeutics, University of Liverpool, Liverpool, United Kingdom; Cancer Research UK Molecular Oncology Unit, Barts and the London School of Medicine and Dentistry, London, United Kingdom; University of Texas Southwestern Medical Centre, Dallas, TX

9:15 AM

9:30 AM
ATDC IS OVEREXPRESSED IN PANCREATIC CANCER AND MAY FUNCTION AS A NOVEL DNA REPAIR GENE. L. Wang, M. Davis, C.D. Logsdon, T.S. Lawrence, D.M. Simeone. Depts of Surgery, Physiology, and Radiation Oncology, University of Michigan, Ann Arbor, MI; Depts of Cancer Biology and Medical Oncology, M.D. Anderson Cancer. Center, Houston, TX

9:45 AM

10:00 AM – 10:15 AM
Refreshments
Grand Court
10:15 AM - 12:00 PM
Oral Session 2: PANCREATITIS I
Grand Ballroom A & B

Moderators: Isaac Samuel, MD & Matthew J. DiMagno, MD

10:15 AM
IN SEVERE ACUTE PANCREATITIS, INTRA-ABDOMINAL Fungal Infection COMPARED TO INTRA-ABDOMINAL BACTERIAL INFECTION, IS ASSOCIATED WITH HIGHER MORBIDITY BUT NOT HIGHER MORTALITY.


10:30 AM
TRANSGENIC EXPRESSION OF THE NFκB SUBUNIT p65 IN PANCREATIC ACINAR CELLS OF TRANSGENIC MICE INCREASES THE SEVERITY OF ACUTE 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

10:45 AM
ASYMPTOMATIC HYPERAMYLASEMIA AND/OR HYPERLIPASEMIA: THEIR INCIDENCE, CAUSES AND CLINICAL IMPACT.

P.G. Lankisch, C. Doobe, T. Finger, H. Lübbers, R. Mahlke, G. Brinkmann, G. Klöppel, P. Maisonneuve, A.B. Lowenfels. Municipal Clinic of Lüneburg; Institute of Pathology, Christian Albrecht University, Kiel, Germany; European Institute of Oncology, Milan, Italy; New York Medical College, Valhalla, NY

11:00 AM
FATTY ACID ETHYL ESTERS INDUCE PANCREATIC CA²⁺-TOXICITY THROUGH INOSITOL TRISPHOSPHATE RECEPTORS AND LOSS OF MITOCHONDRIAL ATP PRODUCTION.

D.N. Criddle, J.A. Murphy, G. Fisetetto, J.P. Neoptolemos, A.V. Tepikin, O.H. Petersen, R. Sutton. Medical Research Council Secretory Control Research Group, Physiological Laboratory and Department of Surgery, Liverpool University, Liverpool, United Kingdom

11:15 AM
SELECTIVE LOSS OF INCRESIN-INDUCED INSULIN RELEASE AFTER ISLET CELL TRANSPLANTATION IN MAN.


11:30 AM
EFFECTS OF CALCIUM ON ZYMOSIN ACTIVATION IN MOUSE PANCREATIC ACINAR CELLS.

R.D. Smith, M. Raraty, D.N. Criddle, O.V. Gerasimenko, A.V. Tepikin, J.P. Neoptolemos, O.H. Peterson, R. Sutton. MRC Secretory Control Research Group, Department of Physiology, and Division of Surgery and Oncology, University of Liverpool, Liverpool, United Kingdom

11:45 AM
NATIONWIDE EPIDEMIOLOGICAL SURVEY OF ACUTE PANCREATITIS IN JAPAN.

Y. Kihara, M. Otsuki, and The Research Committee on Intractable Diseases of the Pancreas. Department of Gastroenterology and Metabolism, University of Occupational and Environmental Health, Fukuoka, Japan

12:00 PM - 1:30 PM
Complementary Luncheon
Grand Ballroom C

12:30 PM - 1:30 PM
Oral Session 3: BASIC SCIENCE
Grand Ballroom A & B

Moderators: Herbert Y. Gaisano, MD & Miklós Sahin-Tóth, PhD

1:30 PM
EXPLORING MECHANISMS OF ZYMOSIN ACTIVATION WITH A CELL-FREE SYSTEM.

E. Thrower, A. Diaz de Villalvilla, T. Kolodeck, F. Gorelick. Department of Internal Medicine, Section of Digestive Diseases, and Department of Cell Biology, Veterans Administration Connecticut Healthcare, West Haven, and Yale University School of Medicine, New Haven, CT

1:45 PM
AN EVOLUTIONARY DILEMMA: DIGESTION VERSUS PANCREATITIS. THE POSITIVELY-SELECTED ARG101 TRYPSINOGEN.

E. Szepessy, M. Sahin-Tóth. Department of Molecular and Cell Biology, Boston University Goldman School of Dental Medicine, Boston, MA
Oral Session 3: BASIC SCIENCE (Continued from Page 7)

2:00PM PIOGLITAZONE RESTORES CCK STIMULATED PANCREATIC SECRETION & HYPERINSULINEMIA IN eNOS (-/-) MICE.
Y. Hao, R.C. Reddy, S.-H. Lee, J.E. Milam, C. OwYang, M.J. DiMaggio. Internal Medicine, University of Michigan, Ann Arbor, MI

2:15PM CHOLECYSTOKININ ACTIVATES INTRACELLULAR SIGNALLING PATHWAYS IN PANCREATIC STELLATE CELLS.

2:30PM JOHANSSON-BLIZZARD SYNDROME IS CAUSED BY MUTATIONS IN UBR1, ENCODING AN E3 UBQUITIN LIGASE OF THE N-END RULE PATHWAY.
J. Mayerle, M. Zenker, M.M. Lerch, A. Tagariello, K. Zerres, P.R. Durie, G. Hülskamp, C. Guzman, H. Rehder, F.A. Beemer, B. Hamel, P. Vanlierferinghen, R. Gershoni-Baruch, M.W. Vieira, Y.T. Kwon, A. Varshavsky, A. Reis. Inst of Human Genetics, Univ of Erlangen-Nuremberg, Germany; Dept of Gastroenterology, Univ of Greifswald, Germany; Inst of Human Genetics, Univ of Aachen, Germany; Dept of Pediatrics, Univ of Toronto, Canada; Dept of Pediatrics, Univ of Muenster, Germany; National Children’s Hospital, Univ of Costa Rica, Costa Rica; Dept of Genetics, Med Univ of Vienna, Austria; Univ of Nijmegen, The Netherlands; CHU, Clermont–Ferrand, France; Rambam Medical Center, Haifa, Israel; and Catholic Univ of Sao Paolo, Brasil; Center for Pharmacogenetics, School of Pharmacy, Univ of Pittsburgh, Pennsylvania, USA; Div of Biology, California Inst of Technology, California, USA

2:45PM PANCREATIC STELLATE CELL NADPH OXIDASE SYSTEM AND ITS ROLE IN MEDIATING PANCREATIC STELLATE CELL PROLIFERATION BY PLATELET DERIVED GROWTH FACTOR (PDGF).
R. Hu, Y.L. Wang, M. Edderkaoui, A. Lugea, M. Apte, S.J. Pandol. VA Greater Los Angeles Healthcare System & University of California, Los Angeles, CA; University of New South Wales, Australia

3:00PM THE HSP70-COCHAPERONE, CYSTEINE STRING PROTEIN, INTERACTS WITH THE SNARE PROTEIN VAMP 8 AND REGULATES ACINAR CELL SECRETION.
N. Weng, D.H. Thomas, M. Dennis, J.E. Braun, G.E. Groblewski. Department of Nutritional Sciences, University of Wisconsin–Madison, Madison, WI; Department of Physiology and Biophysics, University of Calgary, Calgary, Alberta, Canada

3:15PM A PROTEOMICS ANALYSIS OF PANCREATIC ZYMOSA GRANULE MEMBRANES.
X. Chen, S.A. Ernst, P.C. Andrews, J.A. Williams. Departments of Molecular and Integrative Physiology, Biological Chemistry, and Cell and Developmental Biology, University of Michigan, Ann Arbor, MI

3:30PM – 4:30PM Clinical Controversies

"Does Infected Pancreatic Necrosis Require Immediate (or Emergency) Debridement?"

William Steinberg, MD
Department of Medicine, George Washington University Medical Center, Washington, DC
Introduction (5 minutes)

Jon P. Neoptolemos, MA, MBChir, MD, FRCS
Division of Surgery & Oncology, University of Liverpool, Liverpool, United Kingdom
Infected pancreatic necrosis does require immediate (or emergency) debridement (12 minutes)

Peter Layer, MD, PhD
Department of Internal Medicine, Israelitic Hospital, University of Hamburg, Hamburg, Germany
Infected pancreatic necrosis does not require immediate (or emergency) debridement (12 minutes)

Jon P. Neoptolemos, MA, MBChir, MD, FRCS
Rebuttal (2 minutes)

Peter Layer, MD, PhD
Rebuttal (2 minutes)

Questions and Answers (15 – 30 minutes)
10:00 AM - 5:00 PM
POSTER SESSION I
Promenade Ballroom A, B, & C


PI-02 THE KINASE MIRK/DYRK1B MEDIATES CELL SURVIVAL IN PANCREATIC DUCTAL ADENOCARCINOMA. X. Deng, S.Li, A.Naqvi, E. Friedman. Department of Pathology, SUNY Upstate Medical University, Syracuse, NY.

PI-03 DISTINCT CALCIUM SIGNALS REGULATE PANCREATIC ZYMENGEN ACTIVATION. Sohail Husain, Wayne Grant, Thomas Kolodeck, Michael H. Nathanson, Fred S. Goreslick. Departments of Pediatrics and Internal Medicine, Yale University School of Medicine, New Haven, CT.

PI-04 INHIBITION OF NUCLEAR FACTOR κB ACTIVATION IN BXPC-3 CELLS BY GENISTEIN IS MEDIATED VIA NOTCH-1 SIGNALING PATHWAY. Zhiwei Wang, Yuxiang Zhang, Sanjeev Banerjee, Fazlul H. Sarkar. Department of Pathology, Karmanos Cancer Institute at Wayne State University, Detroit, MI.

PI-05 ACTIVATION PEPTIDE INTERACTIONS IN AUTOACTIVATION CONTROL OF HUMAN TRYSINOGENS PRSS1 AND PRSS2. Z. Nemoda, M. Sahin–Toth. Department of Molecular and Cell Biology, Boston University Goldman School of Dental Medicine, Boston, MA.


PI-07 NONPEPTIDIC SMALL – MOLECULE INHIBITOR OF BCL-2 AND BCL-XL, (-)–GOSSYPOL, ENHANCES BIOLOGICAL EFFECT OF GENISTEIN AGAINST BXPC-3 HUMAN PANCREATIC CANCER CELL LINE. Ramzi M. Mohammad, Shoameng Wang, Sanjeev Banerjee, Xihan Wu, Jianyong Chen, Fazlul H. Sarkar. Division of Hematology and Oncology and Pathology, Karmanos Cancer Institute, Wayne State University School of Medicine, Detroit, MI; The University of Michigan Comprehensive Cancer Center, Departments of Internal Medicine and Medicinal Chemistry, University of Michigan, Ann Arbor, MI.

PI-08 [-215G>A; IVS3+2T>C] MUTATION IN THE SPINK1 GENE CAUSES SKIPPING OF EXON 3 AND LOSS OF TRYPSIN BINDING SITE. K Kume, A Masamune, T Shimosegawa. Tohoku University Graduate School of Medicine, Sendai, Japan.

PI-09 SYNTHESIS AND BIOLOGICAL EVALUATION OF NOVEL ANALOGS OF GENISTEIN AND SELECTIVE COX-2 INHIBITOR AND THEIR METAL COMPLEXES IN Pancreatic Cancer. S. Adsule, V.Barve, V. Ambike, F. Ahmed, S. Banerjee, S.B. Padhye, F.H. Sarkar. Department of Pathology, Karmanos Cancer Institute at Wayne State University, Detroit, MI, Department of Chemistry, Chemistry of Pune, Pune, India.

PI-10 RRM2 OVEREXPRESSION INDUCES PANCREATIC ADENOCARCINOMA CELLULAR INVASIVENESS VIA RAF-1-DEPENDENT NF-κB ACTIVATION. S.-S. Liau, M.S. Duxbury, J.L. Irani, S.W. Ashley, E.E. Whang, Department of Surgery, Brigham and Women’s Hospital, Harvard Medical School, Boston, MA.

PI-11 Bile sensitizes inositol trisphosphate and ryanodine receptors to excessive calcium release in mouse pancreatic acinar cells. J.A. Murphy, D.N. Criddle, M.G.T. Ratary, J.P. Neoptolemos, A.V. Tepikin, O.H. Petersen, R. Sutton. MRC Secretory Control Research Group, The Physiology Laboratory and Division of Surgery and Oncology, University of Liverpool, Liverpool, United Kingdom.

PI-12 G691S RET SINGLE NUCLEOTIDE POLYMORPHISM IN HUMAN PANCREATIC CANCERS. J. Kim, H. Sawai, K. Kazanjian, S. Hasan, H.A. Reber, O.J. Hines, D.S.B. Hoon, G. Ebl. Section of Gastrointestinal Surgery, David Geffen School of Medicine at UCLA, Los Angeles, CA; Department of Molecular Oncology, John Wayne Cancer Institute, Santa Monica, CA.
**POSTER SESSION I (Continued from Page 11)**

**BOARD# TITLE**

**PI-13** PROTEASE ACTIVATED RECEPTOR-2 (PAR-2) PROTECTS AGAINST PANCREATITIS BY STIMULATING DIGESTIVE ENZYME SECRETION. V. Singh, L. Bhagat, R. Dawra, R. Sharif, S. Navina, A. Saluja. Mayo Clinic and University of Massachusetts Medical School, Worcester, MA

**PI-14** 3-AMINOBENZAMIDE IN COMBINATION WITH GEMCITABINE SHOWS STRONG ANTITUMOR ACTIVITY IN PANCREATIC CANCER CELLS IN VITRO AND IN VIVO. D. Jacob, U.P. Neumann, M. Bahra, J.M. Langrehr, P. Neuhaus. Department of Surgery, Charité Campus Virchow, Humboldt-University, Berlin, Germany

**PI-15** THE EXPRESSION OF THE VACUOLE MEMBRANE PROTEIN 1 (VMP1) IS NECESSARY AND SUFFICIENT TO TRIGGER AUTOPHAGY IN PANCREATIC CELLS. M.I. Vaccaro, D. Grasso, A. Ropolo, R. Pardo, C.D. Gonzalez, J.L. Iovanna. CEMIC University Institute, Buenos Aires University, Buenos Aires, Argentina; Unite 624, INSERM, Marseille, France

**PI-16** T-CELL RESPONSE TO TAUCROCHATE PANCREATITIS IN MICE: CTLA-4 A NEW SEVERITY MARKER FOR ACUTE NECROTISING PANCREATITIS? J. Mayerle, C. Sunder, F.-U. Weiss, M. Busse, K. Eske, B.M. Brocker, M.M. Lerch. Department of Gastroenterology, Endocrinology and Nutrition, and Department of Immunology, Ernst-Moritz-Arndt-University Greifswald, Greifswald, Germany

**PI-17** ACTIVATION OF THE HEDGEHOG-PATCHED-SIGNALING PATHWAY IN PANCREATIC ADENOCARCINOMAS. M. Bahra, J.M. Langrehr, A. Koch, W. Hartmann, U. Schuller, N. Schulz, P. Neuhaus, T. Pietsch. Department of Surgery, Charité Campus Virchow – Clinic, Humboldt-University, Berlin, Germany; Department of Neuropathology, University of Bonn Medical Center, Germany

**PI-18** INHIBITION OF NADPH OXIDASE REDUCES ENDOPLASMIC RETICULUM STRESS AND AMELIORATES ACUTE PANCREATITIS. C.H. Kubisch, T. Arumuram, C.D. Logsdon. UT MD Anderson Cancer Center, Department of Cancer Biology, Houston, TX

**PI-19** MULTI-DRUG THERAPY FOR PANCREATIC CA. H. Bruckner, M. Myo, K. Zaw, O. Filipova, S. Heidarian, N. Rafiq, K. Julliard. Lutheran Medical Center, Brooklyn, NY

**BOARD# TITLE**


**PI-22** ROBO/SLIT-SIGNALLING IN ANGIogenesis OF HUMAN PANCREATIC CANcer. S. Bhargava, H.G. Hotz, H.J. Buhr. Dept. of Surgery I, Campus Benjamin Franklin, Charité Medical School, Berlin, Germany

**PI-23** INK KINASES REDUCE THE SEVERITY OF ARGinine INDUCED ACUTE PANCREATITIS. R. Sharif, R. Dawra, P.A. Phillips, D. Dhulakhandi, A. Saluja Department of Surgery, Medicine and Cell Biology, University of Massachusetts Medical School, Worcester, MA

**PI-24** THYMIDYLATE SYNTHASE AND THYMIDINE PHOSPHORYLASE: PROTEIN EXPRESSION AND GENOTYPE IN PANCREATIC CANCER: RESULTS FROM THE RTOG 9704 PROSPECTIVE RANDOMIZED ADJUVANT TREATMENT TRIAL. J. Farrell, K. Winter, M. Van Rijnsoever, W. Regine, R. Abrams, H. Safran, J. Hoffman, P. Schaeffer, M. Moliudim, J. Macdonald, A. Bowen Benson, C. Willett, H. Elsahle. Division of Digestive Diseases, UCLA School of Medicine, Los Angeles, CA; RTOG Investigators; Division of Radiation Oncology, UCLA School of Medicine, Los Angeles, CA; SWOG Investigator; ECOG Investigator

**PI-25** TRYPSINOGEN ISOFORMS IN THE NORMAL MOUSE PANCREAS. M. Sahin-Töth, R. Dawra, W. Halangk, M. M. Lerch, A. Saluja. Department of Molecular and Cell Biology, Boston University Goldman School of Dental Medicine, Boston, MA; Department of Surgery, University of Massachusetts Medical School, Worcester, MA; Department of Surgery, Otto-von-Guericke Universität, Magdeburg, Germany; Department of Gastroenterology, Ernst-Moritz-Arndt Universität, Greifswald, Germany
POSTER SESSION I (Continued from Page 13)

BOARD# TITLE
PI-26 GENETIC DELETION OF ISLET AMYLOID POLYPEPTIDE ATTENUATES PANCREATIC INFLAMMATION IN MICE WITH CERULEIN INDUCED PANCREATITIS. P. Segersvård, J. Tsai, A. Capitano, U. Arnelo, F. Wang, J. Perment. Division of Surgery, CLINTEC, and Department of Pathology, LabMed, Karolinska Institutet at Karolinska University hospital Huddinge, Stockholm, Sweden

PI-27 ALTERATION OF NEURO-INSULAR INTERACTION IN PANCREATIC DISEASES. K. Iki, J. Standop, M. Büchler, P.M. Pour. UNMC Eppley Cancer Center, University of Nebraska Medical Center, Omaha, NE; Department of Surgery, University of Bonn, Germany; Department of Surgery, University of Heidelberg, Germany


PI-29 KERATINOCYTE GROWTH FACTOR RECEPTOR CORRELATES WITH VENOUS INVASION VIA VASCULAR ENDOTHELIAL GROWTH FACTOR IN Pancreatic CANCER. K. Cho, T. Tajiri, T. Ishiwata, E. Uchida, T. Aimoto, Y Nakamura, A. Katsuno, M. Kawamoto, N. Nakazawa, Z. Naito. Surgery for Organ and Biological Regulation (Department of Surgery I), Graduate School of Medicine, Nippon Medical School, Tokyo, Japan; Integrative Pathology (Department of Pathology II), Graduate School of Medicine, Nippon Medical School, Tokyo, Japan

PI-30 CCK-STIMULATED ACINAR CELL SECRETION IS ASSOCIATED WITH ACTIVATION OF PROTEIN KINASE D REGULATED BY THE PKC PATHWAY. A.L. Chen, J. Li, H. Watanabe, B.M. Evers. Department of Surgery, The University of Texas Medical Branch, Galveston, TX

PI-31 INTRAGASTRIC ETHANOL REDUCES SPHINCTER D REGULATED BY THE PKC PATHWAY. D REGULATED BY THE PKC PATHWAY. D REGULATED BY THE PKC PATHWAY. D REGULATED BY THE PKC PATHWAY. D REGULATED BY THE PKC PATHWAY. A.L. Chen, J. Li, H. Watanabe, B.M. Evers. Department of Surgery, The University of Texas Medical Branch, Galveston, TX

PI-32 COMBINED 5-1 AND CISPLATIN (CDPP) THERAPY FORLOCALLY ADVANCED AND/OR METASTATIC PANCREATIC CANCER. Yukiko Takayama, Kyoko Shimizu, Yukiko Maede, Junko Tahara, Keichi Morishita, Keiko Shiratori. Department of Medicine, Institute of Gastroenterology, Tokyo Women's Medical University, Tokyo, Japan

PI-33 ATTENUATION BY SELECTIVE KALLIKREIN INHIBITORSOF HEMORRHAGIC LESIONS INDUCED BY BRADYKININ B2 ANTAGONISTS IN CERULEIN-INDUCED PANCREATITIS. T. Griesbacher, D.M. Evans, B.A. Peskar. Institute for Experimental and Clinical Pharmacology, Medical University of Graz, Graz, Austria; Ferring Research Ltd., Southampton, United Kingdom

PI-34 EXPRESSION OF UBIQUITIN–SPECIFIC PROTEASE 14 IN HUMAN PANCREATIC CANCER CELL LINES AND CANCER TISSUES. T. Ishiwata, K. Cho, S. Ishiwata, T. Fujii, K. Kawahara, M. Kudo, E. Uchida, T. Tajiri, Z. Naito. Integrative Pathology (Department of Pathology II), Graduate School of Medicine, Nippon Medical School, Tokyo, Japan; Surgery for Organ and Biological Regulation (Department of Surgery II), Graduate School of Medicine, Nippon Medical School, Tokyo, Japan; Faculty of Pharmaceutical Sciences, Kinki University, Nara, Japan


PI-36 ALCOHOLIC PANCREATITIS: DETAILED CHARACTERISATION OF MICROCIRCULATORY DISTURBANCES AND LEUKOCYTE ADHESION. J. Werner, W. Hartwig, T. Hackert, M.M. Gebhard, M.W. Buchler. Departments of Surgery and Experimental Surgery, University of Heidelberg, Germany

PI-37 EXPRESSION AND ROLE OF LUMICAN IN PANCREATIC CANCER CELLS AND STROMAL TISSUES. Z. Naito, T. Ishiwata, K. Cho, K. Takeda, Y. Kawamoto, M. Kudo, E. Uchida, T. Tajiri. Integrative Pathology (Department of Pathology II), Graduate School of Medicine, Nippon Medical School, Tokyo, Japan; Surgery for Organ and Biological Regulation (Department of Surgery II), Graduate School of Medicine, Nippon Medical School, Tokyo, Japan
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<tr>
<td>PI-38</td>
<td>THE DETECTION OF A NOVEL PRSS1 MUTATION (A121T) INDICATES A DIFFERENT YET UNREPORTED PHENOTYPE IN HEREDITARY PANCREATITIS. Peter Felderbauer, Jürgen Schnekenburger, Rainer Lebert, Kerem Bulut, Ilka Werner, Frank Schmitz, Wolfram Domschke, Wolfgang E. Schmidt. Department of Internal Medicine I, St. Josephs–Hospital, Ruhr–University, Bochum, Germany; Department of Medicine B, Westfälische Wilhelms–Universität, Münster, Germany</td>
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<td>PI-40</td>
<td>STIMULATORY EFFECT OF N-METHYLTYRAMINE, A CONGENER OF BEER, ON PANCREATIC SECRETION IN CONSCIOUS RATS. K. Miyasaka, S. Kanai, M. Ohta, E. Tsutumi, S. Suwa. Dept Clin Physiol, Tokyo Metro Inst Cerontol, Tokyo, Japan; Research Center, Suntory Limited, Ohsaka, Japan</td>
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<td>PI-41</td>
<td>UP-REGULATED BUT INSUFFICIENT GENERATION OF ACTIVATED PROTEIN C IS ASSOCIATED WITH DEVELOPMENT OF MULTI-ORGAN FAILURE IN SEVERE ACUTE PANCREATITIS. P. Mentula, O. Lindstrom, L. Kylampaa, E. Kempainen, P. Puolakkainen, R. Haapiainen, J.A. Fernandez, J.H. Griffin, H. Repo, J. Petaja. Second Department of Surgery, Helsinki University Central Hospital and University of Helsinki, Helsinki, Finland; Department of Molecular and experimental Medicine, The Scripps Research Institute, La Jolla, CA; Department of Medicine, University of Helsinki, Helsinki Finland; Department of Pediatrics, Jorvi Hospital, Espoo, Finland</td>
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<td>PI-42</td>
<td>SURVEY OF SURGICAL STRATEGIES FOR THE MANAGEMENT OF PANCREAS CANCER IN UNITED KINGDOM. K.S. Goonetilleke, A.K. Siriwardena. Department of Surgery, Manchester Royal Infirmary, Manchester, United Kingdom</td>
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<td>PI-43</td>
<td>LYMPHTIC DRAINAGE IN ACUTE PANCREATITIS: ITS RELEVANCE IN THE PATHOGENESIS OF PANCREATIC AND PULMONARY INJURY. W. Hartwig, T. Hackert, L. Schneider, S. Fritz, M.W. Büchler, J. Werner. Department of General Surgery, University of Heidelberg, Germany</td>
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**THURSDAY, NOVEMBER 3, 2005**

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<td>PI-44</td>
<td>A SYSTEMATIC REVIEW OF CYTOTOXIC TREATMENT OF PANCREATIC CANCER 1977-2004. Y.M. Lu, A. Andrén–Sandberg. Stavanger University Hospital, Stavanger, Norway; Taizhou Hospital, Linhai, China</td>
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<td>PI-45</td>
<td>A ROLE FOR TGFβ IN CONTROLLING HUMAN ISLET PLASTICITY. S. Hanley, L. Rosenberg. Centre for Pancreatic Diseases, McGill University Health Centre and Department of Surgery, McGill University, Montreal, Quebec, Canada</td>
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<td>PI-46</td>
<td>AUTOIMMUNE PANCREATITIS META-ANALYSIS: TIME FOR A SINGLE NOMENCLATURE? John Garber, James J. Farrell. Mount Sinai School of Medicine, New York, NY; Division of Digestive Diseases, UCLA School of Medicine, Los Angeles, CA</td>
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<td>PI-47</td>
<td>ALTERED GLUCOSE METABOLISM IN PANCREATIC CANCER IS DUE TO PRIMARY ALTERATION OF THE LANGERHANS ISLETS. K. Iki, M. Saruc, P.M. Pour. UNMC Eppey Cancer Center, University of Nebraska Medical Center, Omaha, NE; University Hastanesi, Department of Gastroenterology, Manisa, Turkey</td>
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<td>PI-48</td>
<td>POLYMORPHISMS OF THE GSTT-1*A GENE DO NOT PREDICT SEVERITY OF ACUTE PANCREATITIS IN THE U.S. POPULATION. Yasser M. Bhat, Georgios Papachristou, Janette Lamb, Adam Slivka, David Whitcomb. Department of Medicine, Division of Gastroenterology, Hepatology and Nutrition, University of Pittsburgh School of Medicine, Pittsburgh, PA; Department of Human Genetics, University of Pittsburgh Graduate School of Public Health, Pittsburgh, PA; Department of Cell Biology and Physiology, University of Pittsburgh, Pittsburgh, PA</td>
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<td>PI-49</td>
<td>CLINICOPATHOLOGICAL FEATURES AND SURGICAL MANAGEMENT FOR INTRADUCTAL PAPILLARY-MUCINOUS NEOPLASM. T. Hatori, A. Fukuda, S. Onizawa, N. Kanai, T. Oohara, K. Furukawa, T. Imaizumi, K. Takasaki. Department of Gastroenterological Surgery, Tokyo Women’s Medical University, Tokyo, Japan, Department of Gastroenterological Surgery, School of Medicine, Tokai University, Isehara, Japan</td>
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<td>PI-50</td>
<td>ALTERED SERUM–PROTEIN GLYCOASYLATION IN Pancreatic Cancer Revealed Using Antibody Microarrays With Lectin Detection. D. Hamelinck, S. Chen, A. Rai, R.E. Brand, B.B. Haab. Van Andel Research Institute, Grand Rapids, MI; Johns Hopkins University, Baltimore, MD; Evanston Northwestern Healthcare, Evanston, IL</td>
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PI-51 BILIARY INVOLVEMENT IN AUTOIMMUNE PANCREATITIS. T. Nishino, F. Toki, I. Oi, H. Oyama, K. Shimizu, M. Kobayashi, K. Shiratori. Institute of Gastroenterology, and Department of Pathology, Tokyo Women’s Medical University, School of Medicine, Tokyo, Japan

PI-52 EFFICACY AND FEASIBILITY OF A FIXED-DOSE RATE INFUSION OF LOW-DOSE Gemcitabine IN PANCREATIC CANCER. T. Aimoto, E. Uchida, Y. Nakamura, A. Katsuno, K. Cho, T. Tajiri. Nippon Medical School, Graduate School of Medicine, Surgery for Organ Function and Biological Regulation, Tokyo, Japan

PI-53 THE HOMOZYGOUS N34S SPINK-1 MUTATION IS NOT SUFFICIENT TO PRODUCE ACUTE OR CHRONIC PANCREATITIS. REPORT OF A MEXICAN FAMILY WITH SPINK-1 N34S MUTATION. M. Peláez–Luna, S. Canizales, M.T. Tusié–Luna, G. Robles–Díaz. Genomic and Molecular Biology Department. Instituto de Investigaciones Biomédicas; Experimental Medicine Department. Universidad Nacional Autónoma de Méxíco–Instituto Nacional de Ciencias Médicas y Nutrición Salvador Zubirán, Mexico City. Mexico

PI-54 NEGLIGIBLE RISK FOR PANCREATIC CANCER AMONG TYPE 1 DIABETICS. J.A. Tsai, W. Ye, F. Wang, A. Ekblom, L. Brandt, J. Perment. Center for Surgical Sciences, Division of Surgery, Department of Medical Epidemiology and Biostatistics, Department of Medicine, Unit of Medical Epidemiology, Karolinska University Hospital and Karolinska Institutet, Stockholm, Sweden

PI-55 DISSECTING THE MOLECULAR PATHWAYS INVOLVED IN THE ANTI-CANCER EFFECTS OF RESVERATROL USING Oligonucleotide Microarray. X.–Z. Ding, M.R. Salabat, M. Ujiki, D. Kelly, M.S. Talamonti, R.H. Bell, T.E. Adrian. Department of Surgery and Robert H Lurie Comprehensive Cancer Center, Feinberg School of Medicine, Northwestern University, Chicago, IL

PI-56 MELANOCORTIN-1-RECEPTOR DYSFUNCTION REDUCES THE SEVERITY OF A CERULEIN-INDUCED ACUTE PANCREATITIS. T. Meister, D. Wennmann, T. Brzoska, W. Domschke and J. Schnekenburger. Department of Medicine B, Department of Dermatology, University of Münster, Germany

THURSDAY, NOVEMBER 3, 2005

BOARD# TITLE

PI-58 ENZYME CONTENT IN SECRETIN-STIMULATED DUODENAL ASPIRATES IS PARADOXICALLY ELEVATED IN PATIENTS WITH CHRONIC PANCREATITIS. T. Stevens, D.L. Conwell, G. Zuccaro, F. VanLente, C. O’Laughlin. Department of Gastroenterology and Clinical and Laboratory Medicine, Cleveland Clinic Foundation, Cleveland, OH

PI-59 PANCREATIC RESECTION FOR METASTATIC LESIONS. J.M. Langrehr, M. Bahra, D. Jacob, P. Neuhaus. Department of Surgery, Charité Campus Virchow – Clinic, Humboldt–University, Berlin, Germany

PI-60 N-TERMINAL PROCESSING OF HUMAN α1-ANTITRYPSIN BY MESOTRYPSIN. E. Szepessy, M. Sahin–Töth. Department of Molecular and Cell Biology, Boston University Goldman School of Dental Medicine, Boston, MA

PI-61 MODEL TO PREDICT SONOGRAPHIC CHANGES OF CHRONIC PANCREATITIS (CP) USING SIMPLE CLINICAL VARIABLES AND THE RESULTS OF AN ENDOSCOPIC SECRETIN TEST (ePFT). T. Stevens, D.L. Conwell, G. Zuccaro, L. Kirchner. Department of Gastroenterology, Cleveland Clinic Foundation, Cleveland, OH; Division of Clinical Epidemiology, Case Western Reserve University, Cleveland, OH

PI-62 RELAPSE OF THE HODGKIN DISEASE AFTER 21 YEARS, MIMICKING A PANCREATIC CANCER. A. Pap, T. Győkeres, J. Hamvas, K. Borka, Z. Orosz, T. Tihanyi. MAV Hospital, Department of Gastroenterology, Semmelweis University, 1st Department of Pathology, 1st Department of Surgery, National Cancer Institute, Department of Pathology, Budapest, Hungary


PI-64 POTENTIAL ROLES OF LARGE MAFS IN THE DEVELOPING PANCREAS. M. Tsuchiya, K. Tsuchiya, A. Maeda, M. Shimamoto. Institute of Geriatrics, Aoyama Hospital, Department of Medicine IV, Kidney Center, Tokyo Women’s Medical University, Tokyo, Japan
### Poster Session I (Continued from Page 19)

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<td>PI-65</td>
<td><strong>ENDOSCOPIC TREATMENT OF PANCREATIC PSEUDOCYSTS.</strong> L. Kylanpaa, P. Puolakkainen, L. Weckman, J. Halttunen. Second Department of Surgery, Helsinki University Central Hospital, Helsinki, Finland</td>
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<td>PI-66</td>
<td><strong>EXOCRINE INSUFFICIENCY IS NOT ENOUGH TO MAINTAIN PANCREAS REGENERATION IN RATS.</strong> S. Sumi, Z. Qi, G. Yanai, N. Imori, M. Koga, A. Satake, A. Hiura, K. Inoue. Department of Organ Reconstruction, Institute for Frontier Medical Sciences, Kyoto University, Sakyo-ku, Kyoto, Japan</td>
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<td>PI-67</td>
<td><strong>LINEAR siRNA MEDIATED GENE KNOCKDOWN OF PANCREATITIS-ASSOCIATED PROTEIN (PAP) IN CELLULAR PANCREATITIS.</strong> Y.Y. Lin, M.H. Bluth, D. Viterbo, C.M. Mueller, M.E. Zenilman. Department of Surgery, SUNY Downstate Medical Center, Brooklyn, NY</td>
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<td>PI-68</td>
<td><strong>SOMATOSTATIN RECEPTOR SUBTYPE 5 (SSTR5) MRNA EXPRESSION IS RELATED TO HISTOPATHOLOGICAL FEATURES OF CELL PROLIFERATION IN INSULINOMAS.</strong> S.V. Sá, M.L.C. Corrêa-Giannella, M.C. Machado, J.J.S. Souza, M.A.A. Pereira, R.A. Patzina, S.A.C. Siqueira, M.C.C. Machado, D. Giannella-Neto. Laboratory for Cellular and Molecular Endocrinology - LIM-25 (Diabetes Unit), Division of Endocrinology, Division of Pathology, and Division of Transplant and Liver Surgery - LIM-37, School of Medicine University of Sao Paulo, Sao Paulo, Brazil</td>
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<td>PI-69</td>
<td><strong>SEVERE ACUTE PANCREATITIS ASSOCIATED WITH CHOLEDOCHOCELE IN AN ELDERLY PATIENT.</strong> Y. Nakamura, E. Uchida, T. Aimoto, A. Katsuno, K. Cho, M. Kawamoto, T. Tajiri. Department of Surgery 1, Nippon Medical School, Tokyo, Japan</td>
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<td>PI-70</td>
<td><strong>PROTEIN PATTERN ANALYSIS OF CHEMORESISTANCE IN SERUM SAMPLES.</strong> T. Metzger, R. Faissner, J.-M. Löhr. University of Heidelberg, Department of Medicine II, Mannheim Medical Faculty, Mannheim, Germany</td>
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**Conclusion of the First Day**

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**8:00 AM - 10:00 AM**

**Oral Session 4: Pancreatic Cancer II**

**Grand Ballroom A & B**

**Moderators:** Edward E. Whang, MD & Sarah P. Thayer, MD, PhD

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<td>8:00AM</td>
<td><strong>NUCLEAR ACCUMULATION OF ACTIVE GSK-3β CONTRIBUTES TO NFκB-MEDIATED PANCREATIC CANCER CELL SURVIVAL AND PROLIFERATION.</strong> A.V. Ougolkov, D.N. Savoy, M.E. Fernandez-Zapico, R. Urrutia, T.C. Smyrk, S.T. Chari, D.D. Billadeau. Division of Oncology Research, the GI Unit, the Department of Laboratory Medicine and Pathology, and the Division of Gastroenterology and Hepatology, Mayo Clinic College of Medicine, Rochester, MN</td>
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<td>8:30AM</td>
<td><strong>GLOBAL FUNCTIONAL ANALYSIS OF SP/KLF PROTEINS IDENTIFY KLF11 AS NOVEL TUMOR SUPPRESSOR CANDIDATE FOR PANCREATIC CANCER.</strong> M.E. Fernandez-Zapico, S. Tsuji, R. Urrutia. Gastroenterology Research Unit, Mayo Clinic College of Medicine, Rochester, MN</td>
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<td>9:00AM</td>
<td><strong>CHARACTERIZATION OF TTMP, A NOVEL GROWTH-RELATED GENE, IN PANCREATIC CANCER.</strong> C.Y. Chan, X.-Z. Ding, M.R. Salabat, M. Ujiki, M.S. Talamonti, R.H. Bell, T.E. Adrian. Department of Surgery, Feinberg School of Medicine, Northwestern University, Chicago, IL</td>
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Oral Session 4: PANCREATIC CANCER II
(Continued from Page 21)

9:15 AM
IDENTIFICATION OF PANCREATIC CANCER STEM CELLS. C. Li, D.G. Heidt, N. Mollenberg, M. Clarke[2,4], D.M. Simeone. Departments of Surgery, Internal Medicine, Physiology, and Cell and Developmental Biology, University of Michigan, Ann Arbor, MI

9:30 AM
LOSS OF PIGMENT EPITHELIUM-DERIVED FACTOR (PEDF) EXPRESSION ENHANCES PANCREATIC INTRAEPITHELIAL NEOPLASIA (PANIN) FREQUENCY AND PANCREATIC FIBROSIS IN VIVO. P. Grippo, T. Robin, C. Pelham, V. Stellmach, S.E. Crawford, S.M. Rao, X.-Z. Ding, M.S. Talamonti, R.H. Bell, T.E. Adrian. Departments of Surgery and Pathology, Feinberg School of Medicine, Northwestern University, Chicago, IL

9:45 AM
DEPLETION OF HEAT SHOCK PROTEIN-70 (HSP70) CAUSES APOPTOSIS IN PANCREATIC CANCER CELLS. A. Aghdassi, P.A. Phillips, R. Sharif, S. Ghaffoor, R. Dawra, M.M. Lerch, A. Saluja. University of Massachusetts Medical School, Department of Surgery, Worcester, MA

10:00 AM – 10:15 AM
Refreshments
Grand Court

10:15 AM – 11:00 AM
Business Meeting
Grand Ballroom A & B

PRESIDENT’S ADDRESS
Ashok K. Saluja, PhD

PRESENTATION OF THE HIRSCHBERG AWARD FOR BEST ABSTRACTS IN PANCREATIC CANCER
Introduction: Howard A. Reber, MD
Recipient: To be announced

PRESENTATION OF THE NATIONAL PANCREAS FOUNDATION AWARD FOR BEST ABSTRACTS IN PANCREATITIS
Introduction: Peter A. Banks, MD
Recipient: To be announced

11:00 AM – 11:30 AM
Research State-of-the-Art Lecture
Grand Ballroom C

PRESENTATION OF THE PRESIDENTIAL AWARD FOR BEST ABSTRACT IN BASIC PANCREATOLOGY
Introduction: Ashok K. Saluja, PhD
Recipient: To be announced

PRESENTATION OF "GO AWARD" FOR LIFETIME ACHIEVEMENT IN PANCREATOLOGY
Introduction: Rodger A. Liddle, MD
Recipient: John A. Williams, MD, PhD
Professor of Molecular and Integrative Physiology
Chair of the Department of Physiology
Professor of Internal Medicine
University of Michigan
Ann Arbor, Michigan

REPORT FROM THE APA SECRETARY-TREASURER
Howard A. Reber, MD

REPORT FROM PANCREAS, OFFICIAL JOURNAL OF APA & JPS
Vay Liang W. Go, MD, Editor-in-Chief

11:30 AM – 12:30 PM
Complementary Luncheon
Grand Ballroom C
2:00 PM – 3:30 PM
Oral Session 5: PANCREATITIS II
Grand Ballroom A & B

Moderators: Jonathan A. Cohn, MD & Anna S. Gukovskaya, PhD

2:00PM BCL-XL IS UPREGULATED IN DIFFERENT MODELS OF ACUTE PANCREATITIS AND PROTECTS PANCREAS FROM CELL DEATH. K.F. Sung, I.V. Odinokova, O.A. Mareninova, P. Hong, A. Lugea, A. Hoffmann, I. Gukovskaya, S.J. Pandol, A.S. Gukovskaya. VA Greater Los Angeles Healthcare System & University of California, Los Angeles, CA; Chang Gung Memorial Hospital, Taipei, Taiwan; University of California, San Diego, La Jolla, CA

2:15PM EFFECT OF RADIOLOGIC INTERVENTION ON MORTALITY IN NECROTIZING PANCREATITIS. F. Rocha, E. Benoit, K. Mortele, M. Zinner, E. Whang, S. Ashley, P. Banks. Brigham and Women’s Hospital, Harvard Medical School, Boston, MA

2:30PM CASPASES PROTECT FROM NECROSIS AND REGULATE THE SEVERITY OF CERULEIN PANCREATITIS. O.A. Mareninova, K.F. Sung, P. Hong, A. Lugea, S.J. Pandol, I. Gukovskaya, A.S. Gukovskaya. VA Greater Los Angeles Healthcare System & University of California, Los Angeles, Los Angeles, CA; Chang Gung Memorial Hospital, Taipei, Taiwan

2:45PM DOES PROPHYLACTIC ANTIBIOTIC THERAPY IMPROVE OUTCOMES IN SEVERE ACUTE PANCREATITIS: A CLINICAL DECISION MODEL. A. Brown, D. Grunkemeier. The University of North Carolina at Chapel Hill. Center For Pancreatic Disease. Chapel Hill, NC


9:00 AM – 4:00 PM
POSTER SESSION II
Promenade Ballroom A, B, & C


PII-02 Rap1GAP EXPRESSION IN PancreATIC DUCTAL ADENOCARCINOMA: CORRELATION WITH THE CLINICOPATHOLOGIC PARAMETERS. S. Khayyata, D.M. Simeone, L. Zhang, C. Li, O. Basturk, E. Levi, N.V. Adsay. Wayne State University and Karmanos Cancer Institute, Detroit, MI; University of Michigan, Ann Arbor, MI; John Dingell VA Medical Center, Detroit, MI

PII-03 PROTECTIVE EFFECTS AND ANTIINFLAMMATORY PATHWAY OF EXOGENOUS CGRP IN SEVERE NECROTIZING PANCREATITIS IN RATS. L. Schneider, W. Hartwig, A. Bierhaus, D. Petrov, T. Hackert, M.M. Gebhard, M.W. Büchler, J. Werner. Depts. of General Surgery, Internal Medicine, and Experimental Surgery, University of Heidelberg, Heidelberg, Germany

PII-04 NADPH OXIDASE NOX4 MEDIATES PANCREATIC CANCER CELL SURVIVAL BY ACTIVATING JAK2 KINASE. INVOLVEMENT OF LMW-PTP PROTEIN TYROSINE PHOSPHATASE. J.K. Lee, M. Edderkaoui, P. Hong, P. Truong, J.A. Berti, S.J. Pandol, A.S. Gukovskaya. VA Greater Los Angeles Healthcare System & University of California, Los Angeles, Los Angeles, CA; Sungkyunkwan University, Seoul, Korea; University of Florence, Florence, Italy

PII-05 LKB1 GENE TISSUE SPECIFIC KNOCKOUT MOUSE MODEL FOR PANCREATIC CANCER. C. Wei, A. Rashid, C. Amos, M. Gannon, M. L. Frazier. University of Texas, MD Anderson Cancer Center, Houston, TX; Vanderbilt University Medical Center, Nashville, TN

PII-06 NELFINAVIR/RITONAVIR REDUCE ACINAR INJURY IN MOUSE CAERULEIN PANCREATITIS. V.P. Singh, G.D. Bren, S.R. Vlahakis, S.T. Chari, S.S. Vege, A.D. Badley. Division of Gastroenterology, Division of Infectious Diseases, Translational Program in Immunology and Biodefense, Mayo Clinic and Foundation, Rochester, MN
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<td>PII-07</td>
<td>SUPPRESSION OF NEUROPILIN-1 EXPRESSION IN PANC-1 HUMAN PANCREATIC CANCER CELLS LEADS TO ATTENUATED GROWTH, SURVIVAL AND INVASION. A. Matsushita, M. Fukasawa, M. Korc. Departments of Medicine, and Pharmacology &amp; Toxicology, Dartmouth Medical School, Hanover, NH</td>
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<td>PII-08</td>
<td>EFFECT OF 5-LIPOXYGENASE INHIBITION ON CAERULEIN INDUCED PANCREATITIS IN CYCLOOXYGENASE-2 GENE KNOCKOUT MICE. R. Dawra, R. Sharif, P.A. Phillips, D. Dhaulakhandi, S. Chaffor, A. Saluja. Department of Surgery, University of Massachusetts Medical School, Worcester, MA</td>
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<td>PII-10</td>
<td>DISCOVERY OF A NEW REG3γ HAMSTER GENE HOMOLOGOUS TO THE HUMAN REG3 GENE. M. Castellarin, M. Petropavlovskaya, L. Rosenberg. Centre for Pancreatic Diseases, Dept of Surgery, McGill University, Montreal, QC, Canada</td>
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<td>PII-11</td>
<td>CYTOKINE PROFILES IN PANCREATIC JUICE (PJ) IN CHRONIC PANCREATITIS (CP) &amp; PANCREATIC CANCER (PC). K.W. Noh, T.A. Woodward, M.B. Wallace, S. Pungpapong, M. Raimondo. Division of Gastroenterology and Hepatology, Mayo Clinic College of Medicine, Jacksonville, FL</td>
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<td>PII-12</td>
<td>ANTERIOR GRADIENT-2 IS OVER-EXPRESSED IN Pancreatic CANCER AND ITS SILENCING REDUCED CELL GROWTH, MIGRATION, INVASION AND SURVIVAL. V. Ramachandran, T. Arumugam, C.D. Logsdon. Deps. of Cancer Biology and Molecular Oncology, UT MD Anderson Cancer Center, Houston, TX</td>
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<td>ACTIVATION OF PAR1 AND PAR2 RESULTS IN CALCULUM AND MAP KINASE DEPENDENT Proliferation of Pancreatic TUMOR CELLS. M. Morris, P.A. Phillips, R. Sharif, S. Ghaffoor, R. Dawra, A. Saluja. University of Massachusetts Medical School, Department of Surgery, Worcester, MA</td>
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<td>PII-18</td>
<td>PREVALENCE OF FUNGAL INFECTIONS IN NECROTIZING Pancreatitis. T. Berzin, F.Rocha, E. Whang, K. Mortele, S.Ashley, P. Banks. Departments of Medicine, Surgery, and Radiology, Center for Pancreatic Disease, Brigham and Women’s Hospital and Harvard Medical School, Boston, MA</td>
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<td>PII-21</td>
<td>CYSTIC LESIONS OF THE PANCREAS IN ACUTE PANCREATITIS MAY NOT BE PSEUDOCYSTS. K. Jajoo, K. Mortele, R.D. Odze, P.A. Banks, Departments of Medicine, Radiology and Pathology, Center for Pancreatic Disease, Brigham and Women's Hospital and Harvard Medical School, Boston, MA</td>
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<td>PII-22</td>
<td>IN VIVO MOLECULAR EVIDENCE ON CHEMOSENSITIZATION OF PANCREATIC TUMOR BY GENISTEIN. S. Banerjee, Y. Zhang, Z. Wang, M. Bhuyan, P.J. Chiao, F.H. Sarkar. Department of Pathology, Karmanos Cancer Institute, Detroit, MI; Department of Surgical Oncology, MD Anderson Cancer Center, Houston, TX</td>
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<td>PII-23</td>
<td>DUCT OBSTRUCTION AND BILE-PANCREATIC JUICE (BPJ) EXCLUSION ARE REQUIRED FOR MAXIMUM PANCREATIC INFLAMMATORY MEDIATOR PRODUCTION IN LIGATION-INDUCED ACUTE PANCREATITIS IN RATS. Isaac Samuel, Ashok Chaudhary, Rory Fisher. Dept. of Surgery VAMC &amp; Univ. of Iowa COM, Iowa City, Iowa; Dept of Pharmacology, Univ of Iowa, Iowa City, Iowa</td>
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<td>PII-24</td>
<td>NATURAL HISTORY AND CLINICAL OUTCOME AFTER LONG-TERM FOLLOW-UP FOR PANCREATIC CYSTS. Y.-T. Kim, C.M. Shin, J.K. Ryu, Y.B. Yoon. Department of Internal Medicine, Seoul National University College of Medicine and Liver Research Institute, Seoul, Korea</td>
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<td>PII-25</td>
<td>COMPREHENSIVE ANALYSIS OF THE SP/KLF FAMILY OF TRANSCRIPTION FACTORS IN THE TGF-BETA SIGNALING IN PANCREATIC CANCER CELLS. M.J. Truty, M.E. Fernandez-Zapico, R. Urrutia. Gastroenterology Research Unit, Mayo Clinic College of Medicine, Rochester, MN</td>
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<td>PII-28</td>
<td>DOES MINOR PAPILLA SPHINCTEROTOMY OR DUCTAL STENT IMPROVE CLINICAL OUTCOMES IN SUBJECTS WITH PANCREAS DIVISUM: A META-ANALYSIS. D. Grunkemeier, A. Brown. The Center for Pancreatic Disease, The University Of North Carolina At Chapel Hill, Chapel Hill, NC</td>
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<td>PII-29</td>
<td>ALCOHOL ABUSE IS A RISK FACTOR FOR PANCREATIC NECROSIS. G.J. Papachristou, D.J. Papachristou, V.D. Morinville, A. Slivka, D.C. Whitcomb. Division of Gastroenterology, Hepatology and Nutrition, University of Pittsburgh Medical School, Pittsburgh, PA</td>
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<td>PII-30</td>
<td>PROSPECTIVE IDENTIFICATION OF ADULT PANCREATIC STEM/PROGENITOR CELLS. Lanjing Zhang, David G. Heidt, Diane M. Simeone, Charles F. Burant. Departments of Internal Medicine and Surgery, University of Michigan, Ann Arbor, MI</td>
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<td>PII-32</td>
<td>EFFECT OF ADJUVANT RADIATION TREATMENT ON SURVIVAL FOLLOWING PANCREATECTOMY FOR PANCREATIC CANCER: A POPULATION-BASED STUDY. D. Heidt, J.D. Birkmeyer, Y. Sun, E. Ben-Josef, D.M. Simeone. Departments of Surgery and Radiation Oncology, Univ. of Michigan, Ann Arbor, MI</td>
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<td>PII-33</td>
<td>HEMOCONCENTRATION AS AN EARLY MARKER OF SEVERITY OF ACUTE PANCREATITIS. V. Neri, A. Ambrosi, A. Fersini, N. Tartaglia, C. Santacroce, T.P. Valentino. University of Foggia, Department of Surgical Sciences, Division of General Surgery, Polyclinic of Foggia, Foggia, Italy</td>
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PII-34 5,10-METHYLENETETRAHYDROFOLATE REDUCTASE (MTHFR) POLYMORPHISM AND PANCREATIC CANCER: RESULTS FROM THE RTOG 9704 PROSPECTIVE RANDOMIZED ADJUVANT TREATMENT TRIAL. J. Farrell, K. Winter, M. Van Rijnsoever, W. Regine, R. Abrams, H. Safran, J. Hoffman, P. Schaeffer, M. Mohiuddin, J. Macdonald, A. Bowen Benson, C. Willett, H. Elsaleh. Division of Digestive Diseases, UCLA School of Medicine, Los Angeles, CA; RTOG Investigators; Division of Radiation Oncology, UCLA School of Medicine, Los Angeles, CA; SWOG Investigator; ECOG Investigator

PII-35 AISEF2 EXCHANGE ACTIVITY IS STIMULATED BY DYNAMIN2 AND PROMOTES TUMOR CELL POLARIZATION. M.J. Hamann, T.S. Gomez, D.N. Savoy, D.D. Billadeau. Division of Oncology Research and Department of Immunology, Mayo Clinic College of Medicine, Rochester, MN

PII-36 THE QUALITY OF LIFE IN PATIENTS WITH CHRONIC PANCREATITIS EVALUATED USING THE SF-12 QUESTIONNAIRE: A COMPARATIVE STUDY WITH THE SF-36 QUESTIONNAIRE. R. Pezzilli, A.M. Morselli-Labate, L. Fantini, L. Frulloni, G.M. Cavestro, B. Ferri, G. Comparato, L. Gullo, R. Corinaldesi. Department of Internal Medicine and Gastroenterology, Sant'Orsola-Malpighi Hospital, University of Bologna, Bologna, Italy; Department of Surgical and Gastroenterological Sciences, University of Verona, Verona, Italy; Department of Clinical Science, Chair of Gastroenterology, University of Parma, Parma, Italy

PII-37 NANO TECHNOLOGIES IN THE SURFACE ANALYSIS OF GASTROINTESTINAL TUMOR CELLS. I. Bredebusch, W. Domschke, J. Schneekenburger. Department of Medicine B, Westfälische Wilhelms-Universität, Münster, Germany


PII-47 β-CELL PROLIFERATION, RATHER THAN HYPERINSULINEMIA, IS THE FACTOR FOR INCREASED PANCREATIC CANCER RISK IN OBESITY. A. Itami, P.M. Pour. UNMC Eppley Cancer Center, University of Nebraska Medical Center, Omaha, NE

PII-48 PLATELET INHIBITION REDUCES TISSUE DAMAGE IN ACUTE PANCREATITIS. T. Hackert, W. Hartwig, S. Fritz, M.M. Gebhard, M.W. Büchler, J. Werner. Departments of Surgery and Experimental Surgery, University of Heidelberg, Heidelberg, Germany

PII-49 RESPONSE EVALUATION CRITERIA IN TRIALS OF PHARMACOLOGICAL CYTOTOXIC DRUGS OR RADIOLOGICAL TREATMENT IN PANCREATIC CANCER. Y.M. Lu, Á. Andrén-Sandberg. Stavanger University Hospital, Stavanger, Norway; Taizhou Hospital, Linhai, China

PII-50 TUBULAR COMPLEXES ARE NOT OF β-CELL ORIGIN: GENETIC LINEAGE TRACING IN A MOUSE MODEL OF PANCREATITIS. O. Strobel, Y. Dor, A. Stirman, E. Mikhaylova, A. Trainor, C. Fernández-del Castillo, A.L. Warshaw, S.P. Thayer. Department of Surgery, Massachusetts General Hospital & Harvard Medical School, Boston, MA; The Hebrew University-Hadassah Medical School, Jerusalem, Israel

PII-51 VALUE OF INDIVIDUAL EUS CRITERION TO DIAGNOSE CHRONIC PANCREATITIS (CP) AFTER CONTROLLING FOR AGE AND GENDER. S. Pungpapong, K.W. Noh, M. Wallace, T. Woodward, M. Raimondo. Division of Gastroenterology, Mayo Clinic College of Medicine, Jacksonville, FL

PII-52 PHASE III TRIAL CAPRI (ADJUVANT CHEMORADIOIMMUNOTHERAPY OF PANCREATIC ADENOCARCINOMA) VERSUS 5-FU ALONE. J. Schmidt, A. Märtens, M.W. Büchler. Department of Surgery, University of Heidelberg, Heidelberg, Germany

PII-53 NATIONWIDE EPIDEMIOLOGICAL SURVEY OF CHRONIC PANCREATITIS IN JAPAN. Mitsuo Tashiro, Isao Nishimori, Makoto Otsuki, The Research Committee on Intractable Diseases of the Pancreas. Third Department of Internal Medicine (Gastroenterology and Metabolism), University of Occupational and Environmental Health, Fukuoka, Japan; Department of Gastroenterology and Hepatology, Kochi University Medical School, Kochi, Japan

PII-54 CARCINOMA IN SITU OF THE PANCREAS: 3 CASE REPORTS. T. Hatori, A. Fukuda, S. Onizawa, H. Tomioka, M. Yamamoto, T. Imaizumi, K. Takasaki. Department of Gastroenterological Surgery, Tokyo Women's Medical University, Tokyo, Japan; Department of Gastroenterological Surgery, School of Medicine, Tokai University, Isehara, Japan

PII-55 ACTIVATION OF RAT PANCREAS MECHANOSENSITIVE SPINAL AFFERENTS IN A NOVEL IN VITRO PREPARATION. A.C. Schloitte, C.M. Woods, L.A. Blackshaw, J. Touoli, G.T.P. Saccone. Department of General and Digestive Surgery, Flinders University, Flinders Medical Centre, Adelaide, SA, Australia; Nerve-Gut Research Laboratory, Department of Gastroenterology, Hepatology and General Medicine, Royal Adelaide Hospital, Adelaide, SA, Australia

PII-56 BACTERIOLOGIC ANALYSIS OF BILE IN CHOLELITHIASIS PATIENTS WITH AND WITHOUT ACUTE PANCREATITIS. B. De Waele, S. Lauwers, Y. Van Nieuwenhove, G. Delvaux. Departments of Surgery and Microbiology, VUB University Hospital, Brussels, Belgium


PII-58 RECOMBINANT ARGinine DEIMINASE (R-ADI) INHIBITS ACTIVATION OF PANCREATIC STELLATE CELLS. H.S. Lee, C.D. Kim, J.H. Yoon, S.W. Chung, J.S. Lee, J.S. Gu, W.S. Han, M.J. Kim, S.W. Lee, J.H. Choi, H.S. Ryu, J.H. Hyun. Department of Gastroenterology, Ansan Hospital, Korea University College of Medicine, Ansan, South Korea
PII-59 ADENOMA OF THE MINOR PAPILLA ASSOCIATED WITH PANCREAS DIVISUM. Y. Nakamura, E. Uchida, T. Aimoto, A. Katsuno, K. Cho, M. Kawamoto, T. Tajiri. Department of Surgery 1, Nippon Medical School, Tokyo, Japan

PII-60 PANCREATIC CANCER CELL CYCLE ARREST AND APOPTOSIS ARE INDUCED BY A NOVEL DEPSIPEPTIDE SANSALVAMIDE ANALOGUE. M.B. Ujiki, X.-Z. Ding, A.B. Roginsky, M.R. Salabat, W. Gu, R. Silverman, M.S. Talamonti, R.H. Bell, T.E. Adrian. Departments of Surgery and Chemistry, Northwestern University, Chicago, IL

PII-61 ACUTE PANCREATITIS IN WESTERN NORWAY: A STUDY ON INCIDENCE, RECURRENCE AND MORTALITY IN A DEFINED POPULATION. C. Ansorge, K. Eiriksson, Å. Andre- Sandberg. Department of Gastrointestinal Surgery, Stavanger University Hospital, Stavanger, Norway

PII-62 BILE DUCT OBSTRUCTION CAUSED BY BILIARY MUCIN- PRODUCING PAPILLARY NEOPLASM SIMILAR TO IPMN OF THE PANCREAS. Á. Pap, K. Müllner, E. Schäfer, F. Kovács, K. Rusznyák, M. Burai, T. Győkeres, G. Varga, G. Keleti. MÁV Hospital, Szt. László Hospital, Budapest, Hungary

PII-63 EUS AND SECRETIN STIMULATION: ASSESSING THE COMBINATION FOR CASES OF SUSPECTED CHRONIC PANCREATITIS. N. Phelan, W. Wassef. Division of Gastroenterology, University of Massachusetts Medical School, Worcester, MA

PII-64 GENE EXPRESSION PROFILING IN INSULIN-PRODUCING NEUROENDOCRINE CARCINOMA. S.V. Sá, M.L.C. Correa- Giannella, M.C. Machado, M.A.A. Pereira, K. Krogh, M.H. Bengtson, C.A.M. Aita, C. Colin, R.A. Patzina, S.A.C. Siqueira, M.C.C. Machado, M.C. Sagayar, D. Giannella-Neto. Laboratory for Cellular and Molecular Endocrinology – LIM/2, Division of Endocrinology, Division of Transplant and Liver Surgery – LIM/ 37, Division of Pathology, School of Medicine, Instituto de Quimica, University of Sao Paulo, Sao Paulo–SP, Brazil


3:30 PM – 4:30 PM
Rolfe Foundation Lecture on Pancreatic Cancer

Markus W. Büchler, MD
Department of General Surgery
University of Heidelberg
Heidelberg, Germany

"Pancreatic Cancer: From Bench to Five Year Survival"

CONCLUSION OF THE 36TH ANNUAL MEETING
The American Pancreatic Association/
The National Pancreas Foundation Symposium 2005
on “Inflammation and Pain in Pancreatic Disorders”
immediately follows the conclusion of this meeting.

Please see separate APA/NPF Symposium program for details.