



36th Annual Meeting of the  
**AMERICAN PANCREATIC ASSOCIATION**  
November 3-4, 2005

The Westin Chicago River North  
Chicago, Illinois

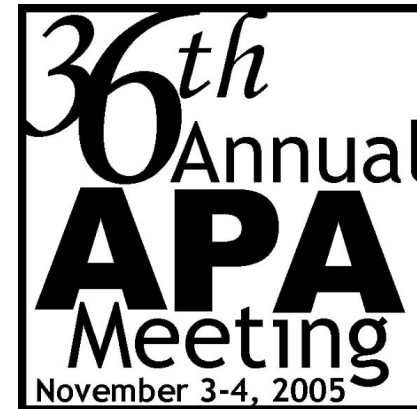
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**At The Westin Chicago River North  
320 North Dearborn, Chicago, IL**

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<b>Howard A. Reber, MD</b> <b>APA Secretary-Treasurer</b> Professor & Chief Division of Gastrointestinal Surgery David Geffen School of Medicine at UCLA 10833 Le Conte Avenue, CHS 72-215 Los Angeles, CA 90095 Phone: (310) 825-4976 Fax: (310) 206-2472 Email: hreber@mednet.ucla.edu	<b>Address Correspondences to:</b> The APA Office American Pancreatic Association 1015 Gayley Avenue Suite 120, Box 587 Los Angeles, CA 90024 Phone: (310) 208-2530 Fax: (310) 824-5990 Email: apaofc@ucla.edu www.american-pancreatic-association.org
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**SPECIAL THANKS TO PANCREAS EDITORIAL OFFICE FOR  
THEIR GENEROUS STAFF SUPPORT:**

Vay Liang W. (Bill) Go, MD, Editor-in-Chief  
Yu Wang, Interim Managing Editor  
Christine Nguyen, Assistant Editor  
Raymond Gonzales, Editorial Assistant

## 2 MEETING AT A GLANCE

	WEDNESDAY (11/2)	THURSDAY (11/3)
7AM		<b>CONTINENTAL BREAKFAST &amp; REGISTRATION</b> GRAND COURT, 7-8AM
8AM		<b>ORAL SESSION 1: PANCREATIC CANCER I</b> GRAND BALLROOM A&B, 8-10AM
9AM		
10AM		<b>ORAL SESSION 2: PANCREATIC CANCER I</b> GRAND BALLROOM A&B, 10:15AM-12PM
11AM		
12PM		<b>STATE-OF-THE-ART</b>
1PM		<b>COMPLEMENTARY LUNCHEON</b> GRAND BALLROOM C
2PM		<b>ORAL SESSION 3: BASIC SCIENCE</b> GRAND BALLROOM A&B, 1:30-3:30PM
3PM		
4PM	<b>PRE-REGISTRATION AREA</b> LOBBY EAST, 4-7PM (NEAR THE FRONT DESK/ EMBER GRILLE AREA)	<b>CLINICAL CONTROVERSIES</b>
5PM		
6PM		
		<b>POSTER SESSION I</b> PROMENADE BALLROOM A, B & C 10AM-5PM

## MEETING AT A GLANCE 3

	FRIDAY (11/4)	SATURDAY (11/5)
7AM	<b>CONTINENTAL BREAKFAST &amp; REGISTRATION</b> GRAND COURT, 7-8AM	<b>APA/NPF SYMPOSIUM ON "INFLAMMATION AND PAIN IN PANCREATIC DISORDERS"</b> 7AM-4PM (DAY 2)  DETAILS CAN BE FOUND IN THE PROGRAM FOR THE SYMPOSIUM
8AM	<b>ORAL SESSION 4: PANCREATIC CANCER II</b> GRAND BALLROOM A&B, 8-10AM	
9AM		
10AM	<b>BUSINESS MEETING</b>	
11AM	<b>STATE-OF-THE-ART</b>	
12PM	<b>COMPLEMENTARY LUNCHEON</b> GRAND BALLROOM C	
1PM		
2PM	<b>ORAL SESSION 5: PANCREATIC CANCER II</b> GRAND BALLROOM A&B, 2-3:30PM	
3PM	<b>ROLFE FOUNDATION LECTURE</b>	
4PM	<b>APA/NPF SYMPOSIUM ON "INFLAMMATION AND PAIN IN PANCREATIC DISORDERS"</b> 4:30-8:30PM (DAY 1)  DETAILS CAN BE FOUND IN THE PROGRAM FOR THE SYMPOSIUM	
5PM		
6PM		
	<b>POSTER SESSION II</b> PROMENADE BALLROOM A, B & C 9AM-4PM	

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

**8:00AM SONIC HEDGEHOG (SHH): A POTENT ANGIOGENIC 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

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

**8:30AM 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

**8:45AM 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, Leicester Royal Infirmary, Guy's Hospital, United Kingdom

**9:00AM 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. Crnogorac-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

**9:15AM A RANDOMISED, PROSPECTIVE, MULTICENTER PHASE III TRIAL OF ADJUVANT CHEMOTHERAPY WITH GEMCITABINE VS. OBSERVATION IN PATIENTS WITH RESECTED PANCREATIC CANCER (PC).** J.M. Langrehr, P. Neuhaus, H. Oettle, S. Post, K. Gellert, K. Ridwelski, H. Schramm, C. Zülke, G. Fahlke, L. Roll, J. Stieler, U. Pelzer, H. Riess. Charité Campus Virchow-Klinikum, Berlin, Germany; Ruprecht-Karls-Universität, Mannheim, Germany; Oskar-Ziethen-Krankenhaus, Berlin, Germany; Otto-von-Guericke-Universität, Magdeburg, Germany; Wald-Klinikum, Gera, Germany; Universität Regensburg, Regensburg, Germany

**9:30AM 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

**9:45AM AGS-PSCA: A FULLY HUMAN ANTIBODY TO PSCA FOR THE TREATMENT OF PANCREATIC CANCER.** A. Jakobovits, K. Morrison, X.-C. Jia, H. Shao, Z. An, A.B. Raitano, K. Morrison, S.B. Kanner, J.M. Gudas. Agensys Inc., 1545 17th St., Santa Monica, CA

10:00 AM – 10:15 AM

**Refreshments**  
Grand Court

10:15 AM – 12:00 PM

**Oral Session 2: PANCREATITIS I**

Grand Ballroom A &amp; B

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

**10:15AM IN SEVERE ACUTE PANCREATITIS, INTRA-ABDOMINAL FUNGAL INFECTION COMPARED TO INTRA-ABDOMINAL BACTERIAL INFECTION, IS ASSOCIATED WITH HIGHER MORBIDITY BUT NOT HIGHER MORTALITY.** S.S. Vege, S.T. Chari, S. Bollineni, N. Munukuti, T.H. Baron, J.E. Clain, R.K. Pearson, B.T. Petersen, M.J. Sarr. Mayo Clinic, Rochester MN

**10:30AM TRANSGENIC EXPRESSION OF THE NF $\kappa$ B 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

**10:45AM 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

**11:00AM FATTY ACID ETHYL ESTERS INDUCE PANCREATIC CA<sup>2+</sup> TOXICITY THROUGH INOSITOL TRISPHOSPHATE RECEPTORS AND LOSS OF MITOCHONDRIAL ATP PRODUCTION.** D.N. Criddle, J.A. Murphy, G. Fistetto, J.P. Neoptolemos, A.V. Tepikin, O.H. Petersen, R. Sutton. Medical Research Council Secretary Control Research Group, Physiological Laboratory and Department of Surgery, Liverpool University, Liverpool, United Kingdom

**11:15AM SELECTIVE LOSS OF INCRETIN-INDUCED INSULIN RELEASE AFTER ISLET CELL TRANSPLANTATION IN MAN.** D. Elahi, C. Rastellini, G. Basadonna, M. Uknis, G. Meneilly, M. Fung, D. Thompson, G. Warnock, M.J. Thompson, D.K. Andersen. UMass Med Ctr, Worcester, MA and Univ Brit. Columbia, Vancouver, Canada

**11:30AM EFFECTS OF CALCIUM ON ZYMOGEN 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 Secretary Control Research Group, Department of Physiology, and Division of Surgery and Oncology, University of Liverpool, Liverpool, United Kingdom

**11:45AM 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 – 12:30 PM

**Frank P. Brooks Memorial Basic Science State-of-the-Art Lecture**Introduction: Ashok K. Saluja, PhD**Markus M. Lerch, MD**

Professor and Chair

Department of Gastroenterology, Endocrinology and Nutrition

Ernst-Moritz-Arndt Universität Greifswald

Greifswald, Germany

*"The Innocent First Minutes of Disaster-How Pancreatitis Begins"*

12:30 PM – 1:30 PM

**Complementary Luncheon**

Grand Ballroom C

1:30 PM – 3:30 PM

**Oral Session 3: BASIC SCIENCE**

Grand Ballroom A &amp; B

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

**1:30PM EXPLORING MECHANISMS OF ZYMOGEN ACTIVATION WITH A CELL-FREE SYSTEM.** E. Thrower, A. Diaz de Villalvilla, T. Kolodecik, 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

**1:45PM AN EVOLUTIONARY DILEMMA: DIGESTION VERSUS PANCREATITIS. THE POSITIVELY-SELECTED ARG101 STIMULATES AUTOACTIVATION OF HUMAN CATIONIC 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. DiMagno. Internal Medicine, University of Michigan, Ann Arbor, MI

**2:15PM** **CHOLECYSTOKININ ACTIVATES INTRACELLULAR SIGNALLING PATHWAYS IN PANCREATIC STELLATE CELLS.** Z.H. Xu, C.F. Qu, J. McCarroll, P. Phillips, R. Pirola, J. Wilson, M. Apte. Pancreatic Research Group, The University of New South Wales, Sydney, Australia

**2:30PM** **JOHANSON-BLIZZARD SYNDROME IS CAUSED BY MUTATIONS IN UBR1, ENCODING AN E3 UBIQUITIN 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. Vanlieferinghen, 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; Depts of Genetics, Med Univ of Vienna, Austria; Univ of Utrecht Nijmegen, The Netherlands; CHU, Clermont-Ferrand, France; Rambam Medical Center, Haifa, Israel; and Catholic Univ of Sao Paulo, 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 ZYMOGEN 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

### 3:30 PM – 4:30 PM 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, MBBChir, 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, MBBChir, 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, &amp; C

## BOARD# TITLE

- PI-01 ROLE OF JUNCTIONAL ADHESION MOLECULE C (JAM-C) IN THE PATHOPHYSIOLOGY OF ACUTE PANCREATITIS.** A. Vonlaufen, M. Aurrand-Lions, C.M. Pastor, P. Morel, A. Hadengue, B.A. Imhofm J.L. Frossard. Division of Gastroenterology, Geneva University Hospital, Geneva, Switzerland.
- 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 ZYMOGEN ACTIVATION.** Sohail Husain, Wayne Grant, Thomas Kolodcick, Michael H. Nathanson, Fred S. Gorelick. Departments of Pediatrics and Internal Medicine, Yale University School of Medicine, New Haven, CT
- PI-04 INHIBITION OF NUCLEAR FACTOR  $\kappa$ B 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 TRYPSINOGENS PRSS1 AND PRSS2.** Z. Nemoda, M. Sahin-Tóth. Department of Molecular and Cell Biology, Boston University Goldman School of Dental Medicine, Boston, MA
- PI-06 CLASS I PI3K ISOFORMS  $\delta$  AND  $\gamma$  REGULATE KEY RESPONSES OF CERULEIN-INDUCED PANCREATITIS. PI3K  $\delta$  IS NECESSARY FOR TRYPSIN ACTIVATION.** L. Fischer A. Lugea, M. Shahsahebi, J.M. Penninger, B. Vanhaesebroeck, H. Friess, A.S. Gukovskaya, S.J. Pandol, I. Gukovsky. VA Greater Los Angeles Healthcare System & University of California, Los Angeles, Los Angeles, CA, University of Heidelberg, Heidelberg, Germany, Institute for Molecular Biotechnology, Austrian Academy of Sciences, Vienna, Austria, Ludwig Institute for Cancer Research, London, United Kingdom

## BOARD# TITLE

- PI-07 NONPEPTIDIC SMALL - MOLECULE INHIBITOR OF BCL-2 AND BCL-X<sub>L</sub>, (-) -GOSSYPOL, ENHANCES BIOLOGICAL EFFECT OF GENISTEIN AGAINST BXPC-3 HUMAN PANCREATIC CANCER CELL LINE.** Ramzi M. Mohammad, Shaomeng 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, University of Pune, Pune, India
- PI-10 RRM2 OVEREXPRESSION INDUCES PANCREATIC ADENOCARCINOMA CELLULAR INVASIVENESS VIA RAF-1-DEPENDENT NF- $\kappa$ B ACTIVATION.** S.-S. Liao, 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. Raraty, J.P. Neoptolemos, A.V. Tepikin, O.H. Petersen, R. Sutton. MRC Secretary 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. Eibl. 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 IN TAUROCHOLATE PANCREATITIS IN MICE: CTLA-4 A NEW SEVERITY MARKER FOR ACUTE NECROTISING PANCREATITIS?** J. Mayerle, C. Sünder, F.-U. Weiss, M. Busse, K. Eske, B.M. Bröker, 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. Schüller, 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 M.D. 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-20** **PANIN 1A OR DUCT GLANDS OF THE PANCREAS? ANATOMICAL PROOF AND CHARACTERIZATION OF A SPECIALIZED COMPARTMENT OF THE DUCTAL SYSTEM.** O. Strobel, G.Y. Lauwers, C. Fernández-del Castillo, A.L. Warshaw, S.P. Thayer. Departments of Surgery and Pathology, Massachusetts General Hospital & Harvard Medical School, Boston, MA
- PI-21** **EFFECT OF THE BOVINE HEMOGLOBIN SOLUTION (HBOC-301) WITH AND WITHOUT ISOVOLEMIC HEMODILUTION ON PANCREATIC TISSUE OXYGENATION, PANCREATIC MICROCIRCULATION AND SURVIVAL IN PIGS WITH SEVERE ACUTE PANCREATITIS.** H. Kleinhans, O. Mann, M. Freitag, C. Schneider, S. Petri, E. Yekebas, T. Standl, J.R. Izbickei, T. Strate. Dept. of General-, Visceral- and Thoracic Surgery, University Medical Center Hamburg-Eppendorf, Hamburg, Germany
- 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** **JNK KINASES REDUCE THE SEVERITY OF ARGININE INDUCED ACUTE PANCREATITIS.** R. Sharif, R. Dawra, P.A. Phillips, D. Dhaulakhandi, 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. 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
- PI-25** **TRYPsinogen ISOFORMS IN THE NORMAL MOUSE PANCREAS.** M. Sahin-Tóth, 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.** R. Segersvärd, J. Tsai, A. Capitano, U. Arnelo, F. Wang, J. Permert. 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-28 USE OF GENETIC CHIMERAS TO IDENTIFY MECHANISMS RESPONSIBLE FOR TPL2-MEDIATED REGULATION OF PANCREATIC INFLAMMATION DURING CAERULEIN-INDUCED PANCREATITIS.** G. Van Acker, M. Wang, E. Weiss, S. Das, P. Tschlis, M. Steer, G. Perides. Dept. of Surgery, Tufts-New England Medical Center, Boston MA
- 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 OF ODDI FUNCTION IN THE ANAESTHETISED AUSTRALIAN POSSUM.** Y. Sonoda, C.M. Woods, J. Toouli, G.T.P. Saccone. Department of General and Digestive Surgery, Flinders University, Flinders Medical Centre, Bedford Park, South Australia, Australia

## BOARD# TITLE

- PI-32 COMBINED S-1 AND CISPLATIN (CDDP) THERAPY FOR LOCALLY ADVANCED AND/OR METASTATIC PANCREATIC CANCER.** Yukiko Takayama, Kyoko Shimizu, Yukiko Maede, Junko Tahara, Keiichi Morishita, Keiko Shiratori. Department of Medicine, Institute of Gastroenterology, Tokyo Women's Medical University, Tokyo, Japan
- PI-33 ATTENUATION BY SELECTIVE KALLIKREIN INHIBITORS OF 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 I), Graduate School of Medicine, Nippon Medical School, Tokyo, Japan; Faculty of Pharmaceutical Sciences, Kinki University, Nara, Japan
- PI-35 IS THE RETINOBLASTOMA MINUS MOUSE A USEFUL GENETICALLY ENGINEERED MODEL TO STUDY PANCREATIC CANCER?** R. Urrutia, D. Beckford, A.L. Roberts, C. Lokko, M.E. Fernandez-Zapico, A. Randriamahefa. Gastroenterology Research Unit, Mayo Clinic College of Medicine, Rochester, MN; Oakwood College, Huntsville, AL
- PI-36 ALCOHOLIC PANCREATITIS: DETAILED CHARACTERISATION OF MICROCIRCULATORY DISTURBANCES AND LEUCOCYTE ADHESION.** J. Werner, W. Hartwig, T. Hackert, M.M. Gebhard, M.W. Büchler. 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. Teduka, 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 I), Graduate School of Medicine, Nippon Medical School, Tokyo, Japan

## POSTER SESSION I (Continued from Page 15)

## BOARD# TITLE

- PI-38 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
- PI-39 CT-ANTIGEN EXPRESSION IN PANCREATIC ADENOCARCINOMA.** F.H. Schmitz-Winnenthal, L.V. Galindo Escobedo, A.L.Tempia, D. Rimoldi, P. Romero, M.W. Büchler, K. Z'graggen. Department of Surgery and German Cancer Centre, University of Heidelberg, Heidelberg, Germany
- PI-40 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 Insti Gerontol, Tokyo, Japan; Research Center, Suntory Limited, Ohsaka, Japan
- PI-41 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. Kylanpaa, E. Kemppainen, 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
- PI-42 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
- PI-43 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

## BOARD# TITLE

- PI-44 A SYSTEMATIC REVIEW OF CYTOTOXIC TREATMENT OF PANCREATIC CANCER 1977-2004.** Y.M. Lu, Å. Andrén-Sandberg. Stavanger University Hospital, Stavanger, Norway; Taizhou Hospital, Linhai, China
- PI-45 A ROLE FOR TGF $\beta$  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
- PI-46 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
- PI-47 ALTERED GLUCOSE METABOLISM IN PANCREATIC CANCER IS DUE TO PRIMARY ALTERATION OF THE LANGERHANS ISLETS.** K. Iki, M. Saruc, P.M. Pour. UNMC Eppley Cancer Center, University of Nebraska Medical Center, Omaha, NE; University Hastanesi, Department of Gastroenterology, Manisa, Turkey
- PI-48 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
- PI-49 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
- PI-50 ALTERED SERUM-PROTEIN GLYCOSYLATION 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

**POSTER SESSION I (Continued from Page 17)****BOARD# TITLE**

- 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 México-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. Ekbom, L. Brandt, J. Permert. 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

**BOARD# TITLE**

- PI-57 IMMUNOMONITORING OF THE CAPRI TRIAL: FIRST RESULTS.** A. Märten, J. Schmidt, M.W. Büchler. Department of Surgery, University of Heidelberg, Heidelberg, Germany
- 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  $\alpha$ 1-ANTITRYPSIN BY MESOTRYPSIN.** E. Szepessy, M. Sahin-Tóth. 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.** Á. Pap, T. Gyökeres, J. Hamvas, K. Borka, Z. Orosz, T. Tihanyi. MÁV Hospital, Department of Gastroenterology, Semmelweis University, 1st Department of Pathology, 1st Department of Surgery, National Cancer Institute, Department of Pathology, Budapest, Hungary
- PI-63 PANCREATITIC SERUM INDUCES MORPHOLOGICAL CHANGES IN MACROPHAGES.** M.H. Bluth, D. Viterbo, Y.Y. Lin, C.M. Mueller, T. Smith-Norowitz, M.E. Zenilman. Department of Surgery and Pediatrics, SUNY Downstate Medical Center, Brooklyn, NY
- PI-64 POTENTIAL ROLES OF LARGE MAFs IN THE DEVELOPING PANCREAS.** M. Tsuchiya, K. Tsuchiya, A. Maeda, M. Shigemoto. 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)

## BOARD# TITLE

- PI-65 ENDOSCOPIC TREATMENT OF PANCREATIC PSEUDOCYSTS.** L. Kylanpaa, P. Puolakkainen, L. Weckman, J. Halttunen. Second Department of Surgery, Helsinki University Central Hospital, Helsinki, Finland
- PI-66 EXOCRINE INSUFFICIENCY IS NOT ENOUGH TO MAINTAIN PANCREAS REGENERATION IN RATS.** 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
- PI-67 LINEAR siRNA MEDIATED GENE KNOCKDOWN OF PANCREATITIS-ASSOCIATED PROTEIN (PAP) IN CELLULAR PANCREATITIS.** Y.Y. Lin, M.H. Bluth, D. Viterbo, C.M. Mueller, M.E. Zenilman. Department of Surgery, SUNY Downstate Medical Center, Brooklyn, NY
- PI-68 SOMATOSTATIN RECEPTOR SUBTYPE 5 (SSTR5) MRNA EXPRESSION IS RELATED TO HISTOPATHOLOGICAL FEATURES OF CELL PROLIFERATION IN INSULINOMAS.** 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
- PI-69 SEVERE ACUTE PANCREATITIS ASSOCIATED WITH CHOLEDOCHOCELE IN AN ELDERLY PATIENT.** Y. Nakamura, E. Uchida, T. Aimoto, A. Katsuno, K. Cho, M. Kawamoto, T. Tajiri. Department of Surgery 1, Nippon Medical School, Tokyo, Japan
- PI-70 PROTEIN PATTERN ANALYSIS OF CHEMORESISTANCE IN SERUM SAMPLES.** T. Metzger, R. Faissner, J.-M. Löhr. University of Heidelberg, Department of Medicine II, Mannheim Medical Faculty, Mannheim, Germany

CONCLUSION OF THE FIRST DAY

7:00 AM - 8:00 AM

Continental Breakfast & Registration  
Grand Court

8:00 AM - 10:00 AM

Oral Session 4: PANCREATIC CANCER II  
Grand Ballroom A & B

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

**8:00AM NUCLEAR ACCUMULATION OF ACTIVE GSK-3 $\beta$  CONTRIBUTES TO NF $\kappa$ B-MEDIATED PANCREATIC CANCER CELL SURVIVAL AND PROLIFERATION.** 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

**8:15AM IGF-R MEDIATES THE FIBRONECTIN-INDUCED PROTECTION FROM APOPTOSIS IN PANCREATIC CANCER CELLS.** M. Edderkaoui, P. Hong, S.J. Pandol, A.S. Gukovskaya. VA Greater Los Angeles Healthcare System & University of California, Los Angeles, CA

**8:30AM GLOBAL FUNCTIONAL ANALYSIS OF SP/KLF PROTEINS IDENTIFY KLF11 AS NOVEL TUMOR SUPPRESSOR CANDIDATE FOR PANCREATIC CANCER.** M.E. Fernandez-Zapico, S. Tsuji, R. Urrutia. Gastroenterology Research Unit, Mayo Clinic College of Medicine, Rochester, MN

**8:45AM ENDOSCOPIC ULTRASOUND FINE NEEDLE INJECTION (EUS-FNI) OF A NOVEL GENE TRANSFER THERAPY AGAINST PANCREATIC CANCER: A SINGLE INSTITUTION EXPERIENCE.** J. Farrell, J. Macko, J.R. Hecht. Division of Digestive Diseases, UCLA School of Medicine, Los Angeles, CA; GenVec, Gaithersburg, MD

**9:00AM CHARACTERIZATION OF TTMP, A NOVEL GROWTH-RELATED GENE, IN PANCREATIC CANCER.** 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

**Oral Session 4: PANCREATIC CANCER II**  
**(Continued from Page 21)**

**9:15AM 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

**9:30AM 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

**9:45AM DEPLETION OF HEAT SHOCK PROTEIN-70 (HSP70)  
 CAUSES APOPTOSIS IN PANCREATIC CANCER CELLS.**  
 A. Aghdassi, P.A. Phillips, R. Sharif, S. Chaffoor, 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 HIRSHBERG 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

**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

**11:00 AM - 11:30 AM**

**Research State-of-the-Art Lecture**

Introduction: Richard H. Bell, Jr., MD

**Dana K. Andersen, MD**

Professor and Vice-Chair  
 Department of Surgery  
 Johns Hopkins University School of Medicine  
 Surgeon-in-Chief

Johns Hopkins Bayview Medical Center  
 Baltimore, Maryland

***"Mechanisms and Emerging Treatments of the Metabolic  
 Effects of Chronic Pancreatitis"***

**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 &amp; 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. Gukovsky, 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. Morteale, 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. Gukovsky, 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

**3:00PM INFLUENCE OF MONOCYTE CHEMOATTRACTANT PROTEIN-1 (MCP-1) AND ITS RECEPTOR CCR2 ON PANCREATIC AND PULMONARY DAMAGE IN EXPERIMENTAL ACUTE PANCREATITIS.** B.M. Rau, E. Herboth, B. Glaser, C.M. Krüger, V. Oliveira, C. Rubie, M.K. Schilling. Department of General- Visceral-, and Vascular Surgery, University of the Saarland, Homburg/Saar, Germany

**3:15PM DEBRIDEMENT AND CLOSED PACKING FOR NECROTIZING PANCREATITIS: A 15-YEAR EXPERIENCE.** J.R. Rodriguez, A.O. Razo, J. Targarona, S.P. Thayer, D.W. Rattner, A.L. Warshaw, C. Fernández-del Castillo. Department of Surgery, Massachusetts General Hospital, Boston, MA

9:00 AM – 4:00 PM

**POSTER SESSION II**

Promenade Ballroom A, B, &amp; C

**BOARD# TITLE**

**PII-01 ANTI-REG I AND III ANTIBODY TREATMENT INDUCE CHANGES IN IMMUNOGLOBULIN LEVELS IN THE SODIUM TAUROCHOLATE MODEL OF ACUTE PANCREATITIS.** D. Viterbo, J. Pierre, H. Drew, C.M. Mueller, Y.Y. Lin, T. Smith-Norowitz, M.E. Zenilman, M.H. Bluth. Department of Surgery, Medicine, and Pediatrics, SUNY Downstate Medical Center, Brooklyn, NY

**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



**POSTER SESSION II (Continued from Page 25)****BOARD# TITLE**

- PII-07 SUPPRESSION OF NEUROFILIN-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 & Toxicology, Dartmouth Medical School, Hanover, NH
- PII-08 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. Ghaffor, A. Saluja. Department of Surgery, University of Massachusetts Medical School, Worcester, MA
- PII-09 DIFFERENTIATION STATUS MAY PREDICT RESPONSE TO HEDGEHOG PATHWAY INHIBITION IN PANCREATIC ADENOCARCINOMA.** E.Y. Rakhlin, D.E. Rosow, O. Strobel, M. Mino-Kenudson, A.M. Stirman, E.A. Mikhaylova, D. Long, C. Fernandez-del-Castillo, A.L. Warshaw, S.P. Thayer. Departments of Surgery and Pathology, Massachusetts General Hospital, Harvard Medical School, Boston, MA
- PII-10 DISCOVERY OF A NEW REG3 $\gamma$  HAMSTER GENE HOMOLOGOUS TO THE HUMAN REG3 GENE.** M. Castellarin, M. Petropavlovskaja, L. Rosenberg. Centre for Pancreatic Diseases, Dept of Surgery, McGill University, Montreal, QC, Canada
- PII-11 CYTOKINE PROFILES IN PANCREATIC JUICE (PJ) IN CHRONIC PANCREATITIS (CP) & 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
- PII-12 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. Depts. of Cancer Biology and Molecular Oncology, UT MD Anderson Cancer Center, Houston, TX
- PII-13 EFFECTS OF BONE MARROW AND NON-BONE MARROW PAR2 ON CAERULEIN-INDUCED PANCREATITIS.** G. Perides, G. Van Acker, M. Wang, E. Weiss, M. Steer. Dept. of Surgery, Tufts-New England Medical Center, Boston, MA

**BOARD# TITLE**

- PII-14 OCCULT TUMOR CELLS IN LYMPH NODES AS A PREDICTOR FOR TUMOR RELAPSE IN PANCREATIC CANCER.** P. Scheunemann, N.H. Stoecklein, A. Rehders, M. Bidde, P.E. Verde, J. Schulte am Esch, S. Metz, M. Peiper, C. Eisenberger, W.T. Knoefel, S.B. Hosch. Klinik für Allgemein- und Visceralchirurgie, Universitätsklinikum Düsseldorf, Germany; Klinik für Allgemein-, Visceral- und Thoraxchirurgie, Universitätsklinikum Hamburg, Germany; Koordinationszentrum für klinische Studien, Universitätsklinikum Düsseldorf, Germany
- PII-15 EPITHELIAL ATROPHY INDUCED BY TOTAL PARENTERAL NUTRITION (TPN) STIMULATES HSP70 EXPRESSION IN RODENT PANCREAS AND SMALL INTESTINAL MUCOSA.** M. Dennis, D.W. Nelson, X. Liu, D.M. Ney, G.E. Groblewski. Department of Nutritional Sciences, University of Wisconsin, Madison, WI
- PII-16 AUTOIMMUNE PANCREATITIS: DIAGNOSIS USING HISTOLOGY, IMAGING, SEROLOGY, OTHER ORGAN INVOLVEMENT AND RESPONSE TO STEROIDS.** S.T. Chari, T.C. Smyrk, N. Takahashi, J.E. Clain, M.B. Farnell, M.J. Levy, R.K. Pearson, B.T. Petersen, M. Topazian, S.S. Vege. Div of Gastroenterology & Hepatology, Dept of Pathology, Dept of Radiology, Div of Gastroenterologic and General Surgery, Mayo Clinic College of Medicine, Rochester MN
- PII-17 ACTIVATION OF PAR1 AND PAR2 RESULTS IN CALCIUM AND MAP KINASE DEPENDENT PROLIFERATION OF PANCREATIC TUMOR CELLS.** M. Morris, P.A. Phillips, R. Sharif, S. Ghaffor, R. Dawra, A. Saluja. University of Massachusetts Medical School, Department of Surgery, Worcester, MA
- PII-18 PREVALENCE OF FUNGAL INFECTIONS IN NECROTIZING PANCREATITIS.** T. Berzin, F.Rocha, E. Whang, K. Morteale, 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
- PII-19 ALCOHOLIC PANCREATITIS: INDUCTION OF MICROCIRCULATORY DISTURBANCES AND INFLAMMATORY CASCADE BY CHRONIC ALCOHOL INTAKE.** J. Werner, T. Hackert, W. Hartwig, M.M. Gebhard, M.W. Büchler. Depts. of Surgery and Exp. Surgery, University of Heidelberg, Germany

**POSTER SESSION II (Continued from Page 27)****BOARD# TITLE**

- P11-20 SERUM-PROTEIN ALTERATIONS IN PANCREATIC CANCER PATIENTS AND THEIR USE FOR DISEASE CLASSIFICATION.** R. Orchekowski, D. Hamelinck, L. Li, M. VanBrocklin, J. Marrero, G. VandeWoude, Z. Feng, R.E. Brand, B.B. Haab. Van Andel Research Institute, Fred Hutchinson Cancer Research Center, University of Michigan, Evanston Northwestern Healthcare.
- P11-21 CYSTIC LESIONS OF THE PANCREAS IN ACUTE PANCREATITIS MAY NOT BE PSEUDOCYSTS.** K. Jajoo, K. Morteale, 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
- P11-22 *IN VIVO* MOLECULAR EVIDENCE ON CHEMOSENSITIZATION OF PANCREATIC TUMOR BY GENISTEIN.** S. Banerjee, Y. Zhang, Z. Wang, M. Bhuiyan, P.J. Chiao, F.H. Sarkar. Department of Pathology, Karmanos Cancer Institute, Detroit, MI; Department of Surgical Oncology, MD Anderson Cancer Center, Houston, TX
- P11-23 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 & Univ. of Iowa COM, Iowa City, Iowa; Dept of Pharmacology, Univ of Iowa, Iowa City, Iowa
- P11-24 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
- P11-25 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
- P11-26 DELETION OF TUMOR PROGRESSION LOCUS-2 (TPL2) REDUCES PANCREATIC INFLAMMATION DURING CAERULEIN-INDUCED PANCREATITIS BY INTERFERING WITH ACTIVATION OF NF- $\kappa$ B AND AP-1.** G. Van Acker, M. Wang, E. Weiss, P. Tschlis, M. Steer, G. Perides. Dept of Surgery, Tufts-New England Medical Center, Boston, MA

**BOARD# TITLE**

- P11-27 THERAPY OF DUCTAL PANCREATIC CANCER IN AN IMMUNO-COMPETENT RAT MODEL: SURAMIN INHIBITS TUMOR GROWTH AND METASTASIS ALMOST COMPLETELY.** S.D. Otto, B. Hotz, H.J. Buhr, H.G. Hotz. Department of Surgery I, Charité Medical School, Campus Benjamin Franklin, Berlin, Germany
- P11-28 DOES MINOR PAPILLA SPHINCTEROTOMY OR PANCREATIC 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
- P11-29 ALCOHOL ABUSE IS A RISK FACTOR FOR PANCREATIC NECROSIS.** G.I. 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
- P11-30 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
- P11-31 THE INCREASING RATE OF PEDIATRIC ACUTE PANCREATITIS: EXPERIENCE AT THE CHILDREN'S HOSPITAL OF PITTSBURGH BETWEEN 1993 AND 2004.** V. Morinville, M.E. Lowe. Divisions of Gastroenterology, Hepatology, and Nutrition and Pediatric Gastroenterology, University of Pittsburgh, Pittsburgh, PA
- P11-32 EFFECT OF ADJUVANT RADIATION TREATMENT ON SURVIVAL FOLLOWING PANCREATICODUODENECTOMY 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
- P11-33 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

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- P11-34 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 Rijnsvoever, 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
- P11-35 ASEF2 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
- P11-36 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
- P11-37 NANOTECHNOLOGIES IN THE SURFACE ANALYSIS OF GASTROINTESTINAL TUMOR CELLS.** I. Bredebusch, W. Domschke, J. Schnekenburger. Department of Medicine B, Westfälische Wilhelms-Universität, Münster, Germany
- P11-38 ENDOTOXIN STIMULATES NO PRODUCTION BUT NOT TNF IN AN EXPERIMENTAL MODEL OF SEVERE ACUTE PANCREATITIS.** L.J. Souza, M.T. Shio, N.A.T. Molan, P.R. Viana, J.E.M. Cunha, S. Jancar, M.C.C. Machado. Department of Surgery, University of Sao Paulo, Sao Paulo, Brazil
- P11-39 COMBINATION GEMCITABINE/OMEGA-3 FATTY ACID INDUCES REDUCED NF $\kappa$ B ACTIVATION IN EXPERIMENTAL PANCREATIC ADENOCARCINOMA.** T. Dekoj, T. Babcock, S. Helton, N.J. Espot. University of Illinois, Chicago, IL

**BOARD# TITLE**

- P11-40 TRANSCRIPTIONAL CHANGES IN PANCREATIC CANCER CELLS TREATED WITH FRONDOSIDE.** A. A.B. Roginsky, X.-Z. Ding, D.L. Kelly, P. Collin, M.S. Talamonti, R.H. Bell, T.E. Adrian. Department of Surgery, Feinberg School of Medicine, Northwestern University, Chicago, IL; Eppley Cancer Institute, University of Nebraska, Omaha, NE; Coastside Research, Stonington, ME
- P11-41 LONG-TERM FOLLOW UP OF A RANDOMIZED TRIAL COMPARING THE PYLORUS-PRESERVING WHIPPLE- VS. FREY PROCEDURE FOR PATIENTS SUFFERING FROM CHRONIC PANCREATITIS.** T. Strate, P. Busch, J.P. Bruhn, O. Mann, P. Schurr, C. Bloechle, C. Schneider, E. Yekebas, J.R. Izbicki. Dept. of General-, Visceral- and Thoracic Surgery, University Hospital Hamburg Eppendorf, Hamburg, Germany; Dept. of General Surgery, Hospital Lübeck, Lübeck, Germany
- P11-42 EXPRESSION OF OCT4, A STEM CELL MARKER, IN THE HAMSTER PANCREATIC CANCER MODEL.** K. Iki, M. Saruc, P.M. Pour. UNMC Eppley Cancer Center, Department of Pathology and Microbiology, University of Nebraska Medical Center, Omaha, NE, University Hastanesi, Department of Gastroenterology, Manisa, Turkey
- P11-43 TNF- $\alpha$ , HSP70-2 AND CD14 POLYMORPHISMS IN ACUTE PANCREATITIS.** E. Tukiainen, M.L. Kylänpää, P. Puolakkainen, E. Kemppainen, K. Halonen, T. Methuen, M. Salaspuro, R. Haapiainen, H. Repo. Second Department of Surgery, Department of Medicine and Research Unit of Substance Abuse Medicine, Helsinki University Central Hospital, Helsinki, Finland
- P11-44 SYSTEMATIC APPRAISAL OF NUTRITIONAL SUPPORT IN PATIENTS UNDERGOING PANCREATODUODENECTOMY.** K.S. Goonetilleke, A.K. Siriwardena. Department of Surgery, Manchester Royal Infirmary, Manchester, United Kingdom
- P11-45 GENERATION OF A MOUSE MODEL, PDX-SHH, WHICH DEVELOPS PRECURSOR LESIONS OF PANCREATIC CANCER (PAN INS) FROM NORMAL DUCTS.** A. Stirman, O. Strobel, E. Mikhaylova, C. Fernandez-del Castillo, A.L. Warshaw, S.P. Thayer. Department of Surgery, Massachusetts General Hospital, Boston, MA
- P11-46 IDENTIFICATION OF GENES DIFFERENTIALLY EXPRESSED IN A NOVEL MODEL OF ACUTE SEVERE NECROTIZING PANCREATITIS IN MICE.** U.A. Wittel, U.T. Hopt. Department of General-, Visceral- and Transplantation Surgery, University of Freiburg, Freiburg, Germany

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- P11-47  $\beta$ -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
- P11-48 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
- P11-49 RESPONSE EVALUATION CRITERIA IN TRIALS OF PHARMACOLOGICAL CYTOTOXIC DRUGS OR RADIOLOGICAL TREATMENT IN PANCREATIC CANCER.** Y.M. Lu, Å. Andrén-Sandberg. Stavanger University Hospital, Stavanger, Norway; Taizhou Hospital, Linhai, China
- P11-50 TUBULAR COMPLEXES ARE NOT OF  $\beta$ -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
- P11-51 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
- P11-52 PHASE III TRIAL CAPRI (ADJUVANT CHEMORADIO-IMMUNOTHERAPY OF PANCREATIC ADENOCARCINOMA) VERSUS 5-FU ALONE.** J. Schmidt, A. Märten, M.W. Büchler. Department of Surgery, University of Heidelberg, Heidelberg, Germany

## BOARD# TITLE

- P11-53 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
- P11-54 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
- P11-55 ACTIVATION OF RAT PANCREAS MECHANOSENSITIVE SPINAL AFFERENTS IN A NOVEL *IN VITRO* PREPARATION.** A.C. Schloithe, C.M. Woods, L.A. Blackshaw, J. Toouli, 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
- P11-56 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
- P11-57 A CASE OF LAPAROSCOPICALLY ASSISTED DISTAL PANCREATECTOMY WITH PRESERVATION OF THE SPLEEN FOR ISLET CELL TUMOR OF THE PANCREAS COMPLICATING MULTIPLE ENDOCRINE NEOPLASM TYPE 1.** Y. Nakamura, E. Uchida, T. Aimoto, A. Katsuno, K. Cho, M. Kawamoto, T. Tajiri. Department of Surgery 1, Nippon Medical School, Tokyo, Japan
- P11-58 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

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- 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. Andren-Sandberg. Department of Gastroenterological 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. Ruzsnyák, M. Burai, T. Gyökeres, 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. Sogayar, 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 Química, University of Sao Paulo, Sao Paulo-SP, Brazil
- PII-65 IMMUNOGLOBULIN LEVELS IN TWO DIFFERENT MODELS OF EXPERIMENTAL ACUTE PANCREATITIS.** J. Pierre, H. Drew, D. Viterbo, Y.Y. Lin, C.M. Mueller, M. Hagler, T. Smith-Norowitz, M.E. Zenilman, M.H. Bluth. Department of Surgery, Pediatrics, and Medicine, SUNY Downstate Medical Center, Brooklyn, NY

**BOARD# TITLE**

- PII-66 INHIBITION OF COX-2 ON TAUROCHOLATE-INDUCED ACUTE PANCREATITIS.** J.L. Almeida, M.G.I. Yamanari, T.A. Kunitake, J. Jukemura, A.M.M. Coelho, N.A.T. Molan, R.A. Patzina, J.E.M. Cunha, M.C.C. Machado. Department of Gastroenterology, Department of Surgery, and Department of Pathology, University of São Paulo, Faculty of Medicine, São Paulo, Brazil
- PII-67 CHEMORESISTANCE OF PANCREATIC TUMORS: A PROTEOME ANALYSIS.** R. Faissner, A. Funk, S. Wandschneider, M. Schnölzer, J.-M. Löhr. University of Heidelberg, Department of Medicine II, Mannheim Medical Faculty, Mannheim, Germany; Central Protein Analysis, DKFZ, Heidelberg, Germany
- PII-68 PANCREAS DIVISUM: AN UNDERESTIMATED CAUSE OF CHRONIC PANCREATITIS AND RELAPSING EPISODES OF ACUTE PANCREATITIS?** N. Ewald, H.U. Kloer, R.G. Bretzel, M. Schaller, M. Bayer, P.D. Hardt. Third Medical Department and Policlinic, University Hospital Giessen, Giessen, Germany
- PII-69 CAUSES OF DECEASE IN NECROTIZING ACUTE PANCREATITIS.** E.C. Petcu, S. Neagu, R. Costea, C. Dumitrescu, V. Badea, S. Gradinaru, N.O. Zarnescu. Second Department of Surgery, University Emergency Hospital Bucharest, Romania

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.