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At Northwestern Memorial Hospital Convention Center
251 East Huron Street, Chicago, IL

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2 MEETING AT A GLANCE

	WEDNESDAY (10/31)	THURSDAY (11/1)
7 AM		CONTINENTAL BREAKFAST & REGISTRATION KRUMLOVSKY ATRIUM, 7-8AM
8 AM		ORAL SESSION 1: BASIC SCIENCES MECKLENBURG CONFERENCE ROOM, 8-10AM
9 AM		
10 AM		ORAL SESSION 2: PANCREATIC CANCER I MECKLENBURG CONFERENCE ROOM 10:15AM-11:45 AM
11 AM		
12 PM		STATE-OF-THE-ART
1 PM		COMPLEMENTARY LUNCHEON KRUMLOVSKY ATRIUM
2 PM		ORAL SESSION 3: PANCREATITIS I MECKLENBURG CONFERENCE ROOM, 1:30-3:30PM
3 PM		REFRESHMENTS & POSTER DISCUS- SION
4 PM	PRE-REGISTRATION AREA WYNDHAM HOTEL, 4-7PM (3RD FLOOR)	CLINICAL CONTROVERSIES
5 PM		
6 PM		ROLFE FOUNDATION LECTURE
		POSTER SESSION I KRUMLOVSKY ATRIUM 8AM-6PM

MEETING AT A GLANCE | 3

FRIDAY (11/2)		SATURDAY (11/3)	
CONTINENTAL BREAKFAST & REGISTRATION KRUMLOVSKY ATRIUM, 7-8AM			7AM
ORAL SESSION 4: PANCREATIC CANCER II MECKLENBURG CONFERENCE ROOM, 8:30-10AM	POSTER SESSION II KRUMLOVSKY ATRIUM 7:30AM-4PM	APA/LUSTGARTEN SYMPOSIUM "PANCREATIC CANCER 2007: STEM CELLS IN THE PANCREAS AND PANCRE- ATIC CANCER" 7:30AM-4PM DETAILS CAN BE FOUND IN THE PROGRAM FOR THE SYMPOSIUM	8AM
BUSINESS MEETING			9AM
STATE-OF-THE-ART			10AM
CONTROVERSIES IN BASIC PANCREATOLOGY			11AM
COMPLEMENTARY LUNCHEON & POSTER DISCUS- SION 12:30-2:30			12PM
ORAL SESSION 5: PANCREATITIS II MECKLENBERG CONFERENCE ROOM, 2-3:30PM			1PM
			2PM
			3PM
			4PM
			5PM
APA/LUSTGARTEN SYMPOSIUM "PANCREATIC CANCER 2007: STEM CELLS IN THE PANCREAS AND PANCREATIC CANCER"			6PM

4 | THURSDAY, NOVEMBER 1, 2007

7:00 AM – 8:00 AM

Continental Breakfast & Registration
Krumlovsky Atrium

8:00 AM – 10:00 AM

Oral Session 1: Basic Sciences
Mecklenburg Conference Room

Moderators: Vijay Singh, MD & Herbert Gaisano, MD

8:00AM MOLECULAR MECHANISMS OF KWASHIORKOR-INDUCED EXOCRINE PANCREAS DYSFUNCTION. SJ Crozier, LE Ginsburg, LG D'Alecy, SA Ernst, JA Williams. Departments of Molecular & Integrative Physiology and Cell & Developmental Biology, The University of Michigan, Ann Arbor, MI.

8:15AM PROFILING GLYCAN STRUCTURES ON MUCINS IN THE SERA OF PANCREATIC CANCER PATIENTS USING ANTIBODY ARRAYS: CANCER-ASSOCIATED VARIATION AND POTENTIAL DISEASE MARKERS. T Yue, S Chen, I Goldstein, MA Hollingsworth, D Simeone, RE Brand, BB Haab. Van Andel Research Institute, Grand Rapids, MI, University of Michigan Medical School, Ann Arbor, MI, University of Nebraska Medical Center, Omaha, NE, Evanston Northwestern Healthcare, Evanston, IL.

8:30AM DIFFERENTIAL EFFECTS OF BILE ACIDS ON PANCREATIC DUCTAL BICARBONATE SECRETION. P Hegyi, V Venglovecz, B Ozsvari, T Takacs, J Lonovics, A Varro, Z Rakonczay. First Department of Medicine, Department of Pharmacology and Pharmacotherapy. University of Szeged, Szeged, Hungary.

8:45AM TRIPTOLIDE INHIBITS TUMOR GROWTH AND LOCAL-REGIONAL SPREAD IN VIVO VIA INCREASED APOPTOSIS AND DECREASED HEAT SHOCK PROTEIN 70 (HSP70). PA Phillips, V Dudeja, D Borja-Cacho, J McCarroll, R Dawra, W Grizzle, S Vickers, A Saluja. Department of Surgery, University of Minnesota, Minneapolis, MN.

THURSDAY, NOVEMBER 1, 2007 | 5

9:00AM **TISSUE TRANSGLUTAMINASE DOWNREGULATION POTENTIATES GEMCITABINE EFFICACY AND BLOCKS PANCREATIC CANCER GROWTH AND METASTASIS *IN VIVO*.** S Guha, S Verma, A Kunnumakkara, P Diagaradjane, S Krishnan, J Gelovani, B Aggarwal, G Lopez-Bernstein, K Mehta. Departments of Gastroenterology, Hepatology, and Nutrition, Experimental Therapeutics, Radiation Oncology, Experimental Diagnostic Imaging, University of Texas M. D. Anderson Cancer Center, Houston, Texas.

9:15AM **SYNAPTOTAGMIN 1, THE NEURONAL CALCIUM SENSING PROTEIN FOR EXOCYTOSIS AND COMPLEXIN 2 ARE PRESENT IN ACINAR CELLS AND MODULATE CALCIUM-DEPENDENT EXOCYTOSIS.** MA Falkowski, DDH Thomas, CL Martin, MD Baumler, GE Groblewski. Department of Nutritional Sciences, University of Wisconsin, Madison, WI.

9:30AM **AN ACTIVE AKT IS REQUIRED FOR THE HEDGEHOG-MEDIATED SURVIVAL OF PANCREATIC CANCER CELLS.** GL Lund, JJ Han, C Lokko, ME Fernandez-Zapico. Gastroenterology Research Unit, Mayo Clinic College of Medicine, Rochester, MN.

9:45AM **HP1 ã HAS A SIGNIFICANT IMPACT ON CELL CYCLE PROGRESSION THROUGH THE REGULATION OF G2/M, CENTROSOME BIOLOGY AND, CHROMOSOMAL STABILITY IN PANCREATIC CANCER CELLS.** G Lomberk, D Bensi, T Christensen, J Salisbury, R Urrutia. GI Research Unit. Mayo Clinic, Rochester, MN.

10:00 AM – 10:15 AM

Refreshments
Krumlovsky Atrium

10:15 AM – 11:45 PM

Oral Session 2: Pancreatic Cancer I
Mecklenburg Conference Room

Moderators: Claus Schäfer, MD & Paul Grippo, PhD

6 | THURSDAY, NOVEMBER 1, 2007

- 10:15AM** **PILOT STUDY DETERMINING THE FEASIBILITY OF DIAGNOSING PANCREATIC CANCER USING SINGLE CELL PARTIAL WAVE SPECTROSCOPY OF THE DUODENAL MUCOSA.** H Subramanian, R Brand, P Pradhan, N Deep, V Parikh, N Hasabou, D Polidoro, C Sturgis, V Backman. Biomedical Engineering Department, Northwestern University, Evanston, IL, Evanston Northwestern Healthcare, Evanston, IL.
- 10:30AM** **HSP70 INHIBITS APOPTOSIS IN PANCREATIC CANCER CELLS BY TWO INDEPENDENT MECHANISMS: ATTENUATING CYTOSOLIC CA²⁺ AND STABILIZING LYSOSOMES.** V Dudeja, P Phillips, R Dawra, S Vickers, A Saluja. Department of Surgery, University of Minnesota, Minneapolis, MN.
- 10:45AM** **ASYMPTOMATIC HYPERAMYLASEMIA AND/OR SPONTANEOUS DEVELOPMENT OF MURINE PANCREATIC INTRAEPITHELIAL NEOPLASIA (MPANIN) IN ELA-CREERT2; LSL-KRAS^{G12D} MICE: INSIGHTS INTO CELLULAR ORIGINS OF PANCREATIC CANCER.** N Habbe, RA Meguid, V Fendrich, G Feldmann, RH Hruban, SD Leach, A Maitra. Departments of Pathology and Surgery, The Sol Goldman Pancreatic Cancer Research Center, Johns Hopkins University School of Medicine, Baltimore, MD.
- 11:00AM** **CONCOMITANT ACTIVATION OF KRAS AND EGFR SIGNALING IN MURINE PANCREATIC CARCINOGENESIS.** JT Siveke, H Einwaechter, I Wasilewitsch, B Sipos, G Kloepffel, R Schmid. Technical University of Munich, Germany, University of Schleswig-Holstein, Kiel, Germany.
- 11:15AM** **NEURPILIN-1 ASSOCIATION WITH c-MET IN PANCREATIC CANCER CELLS ENHANCES HEPATOCYTE GROWTH FACTOR-MEDIATED CELL INVASION.** A. Matsushita, T. Götze, M. Kawamoto, K. Cho, Y. Nakamura, T. Aimoto, E. Uchida, T. Ishiwata, Z. Naito, T. Tajiri, M Korc. Department of Surgery, Department of Integrative Pathology, Nippon Medical School, Tokyo, Japan, Departments of Medicine, and Pharmacology and Toxicology, Dartmouth Medical School, Hanover, NH.

THURSDAY, NOVEMBER 1, 2007 | 7

11:30AM EVALUATING THE IMPACT OF A MULTIDISCIPLINARY SINGLE DAY CLINIC ON THE MANAGEMENT OF PANCREATIC CANCER. KR Voong, JM Herman, J Colemann, D Laheru, R Schulick, K Campbell, T Pawlik, E Fishman, F Asrari, M Makary, S Ali, R Donehower, D Frassica, RH Hruban. The Departments of Radiation Oncology & Molecular Radiation Sciences, Medical Oncology, Surgery, Pathology, Radiology; The Sol Goldman Pancreatic Cancer Research Center, Johns Hopkins Hospital, Baltimore, MD.

11:45 AM – 12:30 PM

**Frank P. Brooks Memorial Basic Science
State-of-the-Art Lecture**

Introduction: Raul Urrutia, MD

J. Silvio Gutkind, Ph.D

Chief, Oral and Pharyngeal Cancer Branch, DIR
Chief, Cell Growth Regulation Section and Molecular Carcinogenesis
Unit, OPCB, DIR
National Institutes of Health

"G Protein-regulated Signaling Networks and Cancer: What Have We Learned?"

12:30 PM – 1:30 PM

**Complementary Luncheon &
Poster Review**

Krumlovsky Atrium

1:30 PM – 3:30 PM

Oral Session 3: Pancreatitis I
Mecklenberg Conference Room

Moderators: Christopher E. Forsmark, MD & Sohail Z. Husain, MD

1:30PM MITOCHONDRIAL CA²⁺ OVERLOAD IS THE PRINCIPAL MECHANISM OF INJURY TO PANCREATIC ACINAR CELLS FROM BILE SALTS. JA Murphy, DN Criddle, NP Neoptolemos, OV Gerasimenko, AV Tepikin, OH Petersen, R Sutton. MRC Group, Physiological Laboratory, Division of Surgery and Oncology, University of Liverpool, UK.

8 | THURSDAY, NOVEMBER 1, 2007

- 1:45PM PANCREATECTOMY (P) AND ISLET AUTO-TRANSPLANTATION (IAT) FOR CHRONIC PANCREATITIS (CP).** AM Carlson, JJ Blondet, A Gruessner, MD Bellin, B Hering, G Beilman, AM Moran, DER Sutherland. Departments of Surgery and Pediatrics, University of Minnesota, Minneapolis, MN.
- 2:00PM PANCREATIC ACINAR CELL DAMAGE RESULTING FROM SUPRA-STIMULATION IS REGULATED BY SRC-MEDIATED CORTACTIN-ACTIN DYNAMICS.** VP Singh, MA McNiven. Department of Gastroenterology and Hepatology, Mayo Clinic College of Medicine, Rochester, MN.
- 2:15PM THE NATURAL HISTORY OF ACUTE PANCREATITIS: A LONG-TERM POPULATION-BASED STUDY.** PG Lankisch, N Breuer, A Bruns, B Weber-Dany, AB Lowenfels, P Maisonneuve. Municipal Clinic of Lueneburg, Germany, New York Medical College, Valhalla, NY, USA, European Institute of Oncology, Milan, Italy.
- 2:30PM INCREASED EXPRESSION OF HEAT SHOCK PROTEIN 70 LEADS TO STABILIZATION OF PANCREATIC ACINAR LYSOSOMES IN RATS IN VITRO.** R. Talukdar, R. Dawra, V. Dudeja, D. Borja, P. Zwolak, Y. Yokoyama, R. Chugh, S. Vickers, A. Saluja. Department of Surgery, University of Minnesota, Minneapolis, MN.
- 2:45PM THE IMPACT OF LEUKOCYTES ON EARLY AND LATE PROTEASE ACTIVATION IN EXPERIMENTAL PANCREATITIS.** J Mayerle, M Sendler, A Dummer, B Brandt-Nedelev, K Scharffetter-Kochanek, FU Weiss, W Halangk, MM Lerch. Department of Medicine A, Ernst-Moritz-Arndt-University Greifswald, Germany, Division of Experimental Surgery, Otto-von-Guericke University Magdeburg, Germany, Department of Dermatology and Allergology, University of Ulm, Germany.
- 3:00 PM DESCRIBING CT FINDINGS IN SEVERE ACUTE PANCREATITIS USING MORPHOLOGIC TERMS: AN INTERNATIONAL INTEROBSERVER AGREEMENT STUDY.** HC van Santvoort, TL Bollen, MG Besselink, KD Horvath, PC Freeny, HG Gooszen, The International Reviewer Group. Surgery, University Medical Center Utrecht, Radiology, St Antonius Hospital, Nieuwegein, The Netherlands, Surgery, Radiology, University of Washington Medical Center, Seattle.

THURSDAY, NOVEMBER 1, 2007 | 9

3:15PM DIFFERENTIAL ANTI-INFLAMMATORY PROPERTIES OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTORS (PPAR) α AND β IN CERULEIN-INDUCED PANCREATITIS.
T. Griesbacher, V. Pommer, R. Schuligoi, B. Tiran, B.A. Peskar.
Inst. Exp. Clin. Pharmacology, and Clin. Dept. Med. Chem. Lab. Diagnostics, Medical University of Graz, Austria.

3:30 PM – 4:30 PM

Refreshments & Poster Discussion
Krumlovsky Atrium

4:30 PM – 5:30 PM

Clinical Controversies in Pancreatology
“Should patients with a strong family history of pancreatic cancer be screened on a periodic basis for cancer of the pancreas?”

William Steinberg, MD

Department of Medicine, George Washington University Medical Center
Washington, DC
Introduction

Marcia Irene Canto, MD, MHS

Division of Gastroenterology & Hepatology, Johns Hopkins University
Baltimore, MD
Patients with a strong family history should be screened on a periodic basis for cancer of the pancreas

Michael J. Levy, MD

Department of Internal Medicine, Mayo Clinic
Rochester, MN
Patients with a strong family history should not be screened on a periodic basis for cancer of the pancreas

Rebuttal

Questions and Answers

10 | THURSDAY, NOVEMBER 1, 2007

5:30 PM – 6:30 PM

Wine & Cheese Reception
Krumlovsky Atrium

6:30 PM – 7:15 PM

Rolfe Foundation Lecture on Pancreatic Cancer

Marsha L. Frazier, Ph.D
Associate Professor of Surgery
MD Anderson Cancer Center
University of Texas

"Pancreatic Cancer Risk and Early Detection"

8:00 AM – 6:00 PM

POSTER SESSION I

Krumlovsky Atrium

BOARD# TITLE

- PI-01 TRANSCRIPTIONAL PROFILE OF CALCINEURIN-NFAT SIGNALING IN CCK-INDUCED PANCREATIC GROWTH.** GT Gurda, JA Williams. Molecular & Integrative Physiology, The University of Michigan, Ann Arbor, MI.
- PI-02 VAV1 SIGNALING: A NOVEL REGULATOR OF GLI TRANSCRIPTIONAL ACTIVITY IN PANCREATIC CANCER.** LJ Peña-Sanchez, JJ Han, S Bangarulingam, DD Billadeau, ME Fernandez-Zapico. Gastroenterology Research Unit, Mayo Clinic College of Medicine, Rochester, MN.
- PI-03 SUPPRESSOR OF FUSED PROMOTES GLI ONCOGENIC ACTIVITY IN PANCREATIC CANCER.** JJ Han, ME Fernandez-Zapico. Gastroenterology Research Unit, Mayo Clinic College of Medicine, Rochester, MN.
- PI-04 A NEW MOLECULAR MODEL FOR REGULATION OF THE TGF β RECEPTOR II PROMOTER VIA INTERACTION WITH THE LONG-TERM CHROMATIN REPRESSOR PROTEIN, HPI WITH THE TUMOR SUPPRESSOR KLF11.** G Lomberk, JS Zhang, MJ Truty, R Urrutia. GI Research Unit and Cancer Center Program. Mayo Clinic, Rochester, MN.

THURSDAY, NOVEMBER 1, 2007 | 11

BOARD# TITLE

- PI-05 RISK OF PANCREATIC CANCER FOLLOWING BREAST CANCER: FOLLOW-UP OF 16,016 PATIENTS TREATED IN A SINGLE INSTITUTION.** P Maisonneuve, N Rotmensz, M Colleoni, A Luini, G Viale, B Santillo, A Lowenfels. European Institute of Oncology, Milan, Italy, Department of Surgery, New York Medical College, NY.
- PI-06 IMPROVED CONTEMPORARY SURGICAL MANAGEMENT OF INSULINOMA: A 25-YEAR EXPERIENCE AT THE MASSACHUSETTS GENERAL HOSPITAL.** M Nikfarjam, A Warshaw, L Axelrod, V Deshpande, S Thayer, C Ferrone, C Fernández-del Castillo. Department of Surgery, Medicine, Pathology, Massachusetts General Hospital, Boston, MA.
- PI-07 DEVELOPMENT OF METAPLASTIC PRECURSOR LESIONS IN MURINE PANCREAS FOLLOWING MUTANT KRAS EXPRESSION IN ADULT PDX1-POSITIVE CELLS.** UW Burley III, K Adrian, MR Barron, C Pelham, TE Adrian, RH Bell Jr, RJ MacDonald, GY Yang, PJ Grippo. Departments of Surgery and Pathology, Northwestern University, Chicago, IL; Department of Physiology, UAE University, Al Ain, UAE; American Board of Surgery, Philadelphia, PA; Department of Molecular Biology, UT-Southwestern, Dallas, TX.
- PI-08 TARGETED NANOPARTICLES FOR IMAGING INCIPIENT PANCREATIC DUCTAL ADENOCARCINOMA.** K Kelly, N Bardeesy, R Anbazhagan, S Gurumurthy, J Berger, H Alencar, U Mahmood, R Weissleder. Center for Molecular Imaging Research, Massachusetts General Hospital and Harvard Medical School, Charlestown, MA, Center for Systems Biology, Massachusetts General Hospital, Boston MA, MGH Cancer Center, Massachusetts General Hospital and Harvard Medical School, Boston, MA.
- PI-09 CLINICAL OUTCOME OF LAPAROSCOPIC DISTAL PANCREATECTOMY: A CASE-CONTROL COMPARISON OF LAPAROSCOPIC VS OPEN.** Y Nakamura, E Uchida, T Aimoto, A Matsushita, K Cho, M Kawamoto, T Tajiri. Department of Surgery, Nippon Medical School, Tokyo, Japan.
- PI-10 TRAIL DECREASES THE EXPRESSION OF HSP70 PROTEIN LEVELS IN PANCREATIC CANCER CELLS.** D Borja-Cacho, PA Phillips, V Dudeja, R Dawra, P Zwolak, J McCarroll, JS Ankeny, R Talukdar, R Chugh, S Vickers, A Saluja. Department of Surgery, University of Minnesota, Minneapolis, MN.
- PI-11 YAP PART OF THE HIPPO PATHWAY IS OVEREXPRESSED IN PANCREATIC CANCER.** T Grote, S Gaiser, H Wang, G Halder, C Logsdon. Department of Cancer Biology, Pathology, Biochemistry and Molecular Biology and GI Medical Oncology, University of Texas, M.D. Anderson Cancer Center, Houston, TX.

12 THURSDAY, NOVEMBER 1, 2007

POSTER SESSION I (Continued from Page 11)

BOARD# TITLE

- PI-12 DIFFERENTIAL ROLES OF PROTEIN KINASE C ISOFORMS IN ACUTE PANCREATITIS.** S. Osgood, T.R Kolodecik, J. Reeve, S.J. Pandol, F.S. Gorelick, EC Thrower. Department of Internal Medicine, Section of Digestive Diseases, Department of Cell Biology, Veterans Administration Connecticut Healthcare, West Haven, and Yale University School of Medicine, New Haven, CT, VA Greater Los Angeles Health Care System and the University of California Los Angeles, CA.
- PI-13 EXPRESSION OF ENDOCRINE GLAND-VASCULAR ENDOTHELIAL GROWTH FACTOR IN THE RAT PANCREAS.** A Morales-Miranda, S Morimoto, L Díaz-Nieto, G Robles-Díaz, V Díaz-Sánchez. Department of Reproductive Biology, Instituto Nacional de Ciencias Médicas y Nutrición Salvador Zubirán. Department of Experimental Medicine, Faculty of Medicine-UNAM. MEXFAM A.C. Mexico.
- PI-14 PROTEINASE-ACTIVATED RECEPTOR-2 (PAR-2) DEFICIENT MICE ARE PROTECTED AGAINST TAUROCHOLATE INDUCED ACUTE PANCREATITIS.** J Laukkarinen, ER Weiss, G Perides, ML Steer. Dept. of Surgery, Tufts-New England Medical Center, Boston, MA and Dept. of Gastroenterology & Alimentary Tract Surgery, Tampere University Hospital, Tampere, Finland.
- PI-15 CO₂ ABDOMINAL INSUFFLATION PRETREATMENT DECREASES SYSTEMIC INFLAMMATORY RESPONSE IN EXPERIMENTAL ACUTE PANCREATITIS.** MCC Machado, AMM Coelho, SN Sampietre, NAT Molan, MAC Machado, T Bacchella. Department of Gastroenterology, University of Sao Paulo, Sao Paulo, Brazil.
- PI-16 ZENTASE, A NOVEL PANCREATIC ENZYME PRODUCT (PEP), IS SAFE AND EFFECTIVE IN MILD, MODERATE, AND AGGRESSIVE EXOCRINE PANCREATIC INSUFFICIENCY (EPI).** JE Heubi, SR Boas, K Blake, SZ Nasr, MS Woo, GR Graff, KA Hardy, R Amaro-Galvez, M Latino, C Lee. Cincinnati Children's Hospital Medical Center, Cincinnati, OH, Chicago CF Care, Glenview, IL, Nemours, Jacksonville, FL, Michigan U., Ann Arbor, MI, Children's H., Los Angeles, CA, Penn State H., Hershey, PA, Children's H., Oakland, CA, Texas U., Tyler, TX, Eurand, Milan, Italy, Eurand, Vandalia, OH.
- PI-17 THE ROLE OF ERM PROTEIN MOESIN IN PHENOTYPE DIFFERENTIATION OF PANCREATIC CANCER.** I. Abiatari, T. De Oliveira, H. Friess, J. Kleeff. Department of General Surgery, Technical University of Munich, Germany.

BOARD# TITLE

- PI-18 P21 AND P27 POLYMORPHISMS COOPERATIVELY CONTRIBUTE TO AN EARLIER AGE AT DIAGNOSIS OF PANCREATIC CANCER.** J. Chen, A. M. Killary, S. Sen, C. I. Amos, D. B. Evans, M. L. Frazier. Departments of Epidemiology, Cancer Genetics, Molecular Pathology, Surgical Oncology, The University of Texas M. D. Anderson Cancer Center, Houston, Texas; Program in Human and Molecular Genetics, The University of Texas Graduate School of Biomedical Sciences, Houston, TX.
- PI-19 MESOTHELIN IS A MALIGNANT FACTOR AND THERAPEUTIC VACCINE TARGET FOR PANCREATIC CANCER.** M Li, U Bharadwaj, R Zhang, S Zhang, H Mu, C Chen, Q Yao. Molecular Surgeon Research Center, Michael E. DeBakey Department of Surgery, Baylor College of Medicine, Houston, TX.
- PI-20 IgE ANTI-PANCREATIC CANCER ANTIBODIES FROM PANCREATIC CANCER PATIENTS MEDIATE ANTIBODY DEPENDENT CELLULAR CYTOTOXICITY (ADCC) AGAINST PANCREATIC CANCER CELLS.** SL Fu, D Viterbo, Y Lin C Mueller, J Pierre, T Smith-Norowitz, W Bowne, MR Pincus, ME Zenilman, MH Bluth. Departments of Surgery, Pediatrics, Pathology, SUNY Downstate Medical Center, Brooklyn, NY.
- PI-21 GENETICALLY DESIGNING A MORE POTENT ANTI-PANCREATIC CANCER AGENT BY SIMULTANEOUSLY COTARGETING HUMAN IL-13 AND EGF RECEPTORS IN A MOUSE XENOGRAFT MODEL.** DA Vallera, A Saluja, SM Vickers, DJ Buchsbaum, B Stish. University of Minnesota Cancer Center, Section on Molecular Cancer Therapeutics, Departments of Therapeutic Radiology-Radiation Oncology and Surgery, Minneapolis, MN, Department of Radiation Oncology, University of Alabama at Birmingham, Birmingham, AL.
- PI-22 COMBINED EFFECT OF GEMCITABINE AND GSK3b INHIBITOR AGAINST HUMAN PANCREATIC CANCER: GSK3b AS A NEW THERAPEUTIC MOLECULAR TARGET.** T Shimasaki, Y Ishigaki, X Zhao, N Tomosugi, T Tanaka, W Mai, K Kawakami, T Minamoto, Y Motoo. Kanazawa Medical University / Medical Oncology, Kanazawa Medical University Medical Research Institute, Kanazawa Medical University /Oncologic Pathology, Kanazawa University /Cancer Research Institute/Division of Translational and Clinical Oncology, Japan.
- PI-23 PROBIOTICS REDUCE OXIDATIVE STRESS IN THE EARLY PHASE OF ACUTE PANCREATITIS.** F Lutgendorff, LM Trullsson, LP van Minnen, GT Rijkers, HM Timmerman, HG Gooszen, JD Söderholm, LMA Akkermans, PA Sandström. Department of Surgery, University Hospital, Linköping, Sweden; Department of Surgery, University Medical Center, Utrecht, The Netherlands.

POSTER SESSION I (Continued from Page 13)

BOARD# TITLE

- PI-24 DOMINANT NEGATIVE MUTATION OF CYSTEINE STRING PROTEIN (CSP) J-DOMAIN INHIBITS HSP70 COCHAPERONE FUNCTION AND DEFINES A ROLE FOR THESE MOLECULES IN ACINAR CELL CA²⁺-STIMULATED SECRETION.** MD Baumler, N Weng, DDH Thomas, JE Braun, GE Groblewski. Department of Nutritional Sciences, University of Wisconsin, Madison, Department of Physiology, University of Calgary, Alberta, Canada
- PI-25 ACTIVATOR PROTEIN-1 HAS AN ESSENTIAL ROLE IN PANCREATIC CANCER CELLS AND IS REGULATED BY A NOVEL AKT-MEDIATED MECHANISM.** S Shin, T Asano, Y Yao, JL Abbruzzese, SAG Reddy. Department of Gastrointestinal Medical Oncology, The University of Texas M. D. Anderson Cancer Center, Houston, TX.
- PI-26 ANIMAL SURVIVAL IN SEVERE ACUTE PANCREATITIS IS DEPENDENT ON T-CELL ACTIVITY.** J Mayerle, A Dummer, M Sendler, J Kalkowski, C Sünder, FU Weiss, BM Bröker, MM Lerch. Department of Medicine A, Department of Immunology, Ernst-Moritz-Arndt-University Greifswald, Germany.
- PI-27 THE GALANIN ANTAGONIST C7 BUT NOT M35 AND GALANTIDE EXACERBATES CAERULEIN-INDUCED ACUTE PANCREATITIS IN MICE.** M Bhandari, M Kawamoto, AC Thomas, CJ Carati, AC Schloithe, J Toouli, GTP Saccone. Departments of General and Digestive Surgery, Anatomical Pathology, and Anatomy and Histology, Flinders Medical Centre, Flinders University, Adelaide, South Australia, Australia.
- PI-28 TREATMENT OF NECROTIZING PANCREATITIS FROM THE SURGEON'S POINT OF VIEW - WHAT HAS CHANGED DURING THE PAST 10 YEARS?** R Isenmann, I Goelz, D Henne-Bruns. Department of Abdominal and Transplant Surgery, University of Ulm, Ulm, Germany.
- PI-29 FIBER MODIFICATION AUGMENTS ANTITUMOR EFFECT OF CONDITIONALLY REPLICATIVE ADENOVIRUS UPON SYSTEMIC ADMINISTRATION IN ORTHOTOPIC PANCREATIC CANCER MODEL.** J Davydova, PJ Ramirez, SM Vickers, M Yamamoto. Department of Surgery, University of Minnesota, Minneapolis, MN, Gene Therapy Center, University of Alabama, Birmingham, AL.
- PI-30 TUBERCULOSIS INFECTION DURING CHRONIC PANCREATITIS: INCIDENCE AND RISK FACTORS.** ST Barbu, M Cazacu. IV-th Surgical Clinic, University of Medicine and Pharmacy "Iuliu Hatieganu" Cluj-Napoca, Romania.

BOARD# TITLE

- PI-31 THE EZH2 HISTONE METHYLTRANSFERASE CONTRIBUTES TO PANCREATIC CANCER CELL PROLIFERATION THROUGH EPIGENETIC SILENCING OF CDK INHIBITOR GENES.** AV Ougolkov, ME Fernandez-Zapico, DD Billadeau. Divisions of Oncology Research and Gastroenterology Research Unit, Mayo Clinic College of Medicine, Rochester, MN.
- PI-32 HSP70 STABILIZES THE LYSOSOMES BY TRANSPORTING MUC1 TO THE LYSOSOMES.** V Dudeja, R Chugh, Y Yokoyama, R Talukdar, D Borja-Cacho, P Zwolak, R Dawra, S Vickers, A Saluja. Department of Surgery, University of Minnesota, Minneapolis, MN.
- PI-33 Ly-6Chi INFLAMMATORY MONOCYTES GOVERN THE SEVERITY OF CAERULEIN- AND TAUROCHOLATE-INDUCED ACUTE PANCREATITIS IN MICE.** G Perides, J Laukkarinen, ER Weiss, J Duffield, ML Steer. Depts. of Surgery, Tufts-New England Medical Center, Boston, MA, Tampere University Hospital, Tampere, Finland and Department of Medicine, Brigham and Women's Hospital, Boston, MA.
- PI-34 ISOLATION OF QUIESCENT (NORMAL) HUMAN PANCREATIC STELLATE CELLS (HPSCS): A USEFUL IN VITRO TOOL FOR STUDIES OF HPSC BIOLOGY.** A Vonlaufen, Z Xu, L Yang, Biankin, N Parker, R Pirola, J Wilson, M Apte. Pancreatic Research Group, University of New South Wales, Sydney, Australia.
- PI-35 MOLECULAR ANALYSIS OF HEREDITARY PANCREATITIS ASSOCIATED PRSS1 MUTATIONS.** J Schnekenburger, B Neumann, V Schick, W Domschke, WE Schmidt, P Felderbauer. Department of Medicine B, University Hospital Münster, University Hospital Bochum, Germany.
- PI-36 ADMISSION APACHE II FOR PREDICTION OF IN-HOSPITAL MORTALITY IN ACUTE PANCREATITIS.** BU Wu, RS Johannes, X Sun, PA Banks. Division of Gastroenterology, Center for Pancreatic Disease, Brigham & Women's Hospital, Boston, MA; Cardinal Health-MediQual, Marlborough, MA.
- PI-37 EFFICACY OF A SOFT FLUTED SILICONE DRAIN (BLAKE DRAIN®) ON PANCREATIC FISTULA AFTER PANCREATICODUODENECTOMY. CLINICAL RESEARCH AND BASIC EXPERIMENT.** T Aimoto, E Uchida, Y Nakamura, A Matsushita, A Katsuno, K Chou, M Kawamoto, T Tajiri. Department of Surgery, Nippon Medical School, Tokyo, Japan.
- PI-38 ISCHEMIC ACUTE PANCREATITIS: CLINICAL FEATURES< DIAGNOSIS< THERAPY AND OUTCOME.** Th. Hackert, W. Hartwig, L. Schneider, O. Strobel, M.W. Büchler, J. Werner. Dept. of Surgery, University of Heidelberg, Germany.

POSTER SESSION I (Continued from Page 15)

BOARD# TITLE

- PI-39 A CRITICAL ROLE FOR MACROPHAGES IN PREVENTING PANCREATITIS ASSOCIATED DIABETES.** JS Tessem, H Pelli, X Dai, X Zong, ER Stanley, J Jensen, JN Jensen, J DeGregori. Program in Molecular Biology, University of Colorado Health Sciences Center, Aurora, CO; Department of Developmental and Molecular Biology, Albert Einstein College of Medicine, Bronx, NY; Barbara Davis Center for Childhood Diabetes, University of Colorado Health Sciences Center, Aurora, CO.
- PI-40 CXCL8/IL-8 AND CXCL12/SDF-1A COOPERATIVELY PROMOTE INVASION AND ANGIOGENESIS OF PANCREATIC CANCER.** Y Matsuo, N Ochi, H Takeyama, H Sawai, Y Okada, T Manabe, S Guha. Department of GI Surgery, Nagoya City University, Nagoya, Japan and Department of Gastroenterology, Hepatology and Nutrition, UT MD Anderson Cancer Center, Houston, TX.
- PI-41 IMPORTANCE OF REACTIVE OXYGEN SPECIES GENERATION BY BILE ACIDS AND NON-OXIDATIVE ETHANOL METABOLITES TO PANCREATIC ACINAR CELL FATE.** Criddle DN, Booth D, Jaffar M, Gerasmenko OV, Tepikin AV, Petersen OH, Sutton R. Physiological Laboratory; Division of Surgery and Oncology, University of Liverpool; Morvus Technology Ltd. UK.
- PI-42 CHARACTERIZATION OF A NOVEL MODEL OF SEVERE ACUTE PANCREATITIS IN MICE.** W Hartwig, E Schimmel, F Fortunato, F Bergmann, T Hackert, P Strobel, L Schneider, MW Büchler, J Werner. Department of General, Visceral, and Transplant Surgery, Department of Pathology, University of Heidelberg, Germany.
- PI-43 INTERLEUKIN-13 EXERTS AUTOCRINE GROWTH PROMOTING EFFECTS IN HUMAN PANCREATIC CANCER AND ITS EXPRESSION CORRELATES WITH A PROPENSITY FOR LYMPH NODE METASTASES.** A Formentini, O Prokopchuk, J Sträter, J Kleeff, G Leder, D Henne-Bruns, M Korc, M Kornmann. Department of General, Visceral and Transplantation Surgery, Department of Pathology, University of Ulm, Ulm, Germany; Department of General Surgery, University of Heidelberg, Heidelberg, Germany; Departments of Medicine, Pharmacology and Toxicology, Dartmouth Hitchcock Medical Center and Dartmouth Medical School, Hanover, NH.

BOARD# TITLE

- PI-44 EPS8 IS INCREASED IN PANCREATIC CANCER AND REQUIRED FOR DYNAMIC ACTIN-BASED CELL PROTRUSIONS AND INTERCELLULAR CYTOSKELETAL ORGANIZATION.** T Welsch, K Endlich, T Giese, MW Büchler, J Schmidt. Dept. of General, Visceral and Transplantation Surgery, University of Heidelberg, Germany, Dept. of Anatomy and Cell Biology, University of Greifswald, Germany, Dept. of Immunology, University of Heidelberg, Germany.
- PI-45 KERATINOCYTE GROWTH FACTOR AND ITS RECEPTOR CORRELATE WITH VENOUS INVASION VIA MATRIX METALLOPROTEINASE-9 (MMP-9) IN PANCREATIC CANCER.** K Cho, T Ishiwata, E Uchida, T Aimoto, Y Nakamura, A Matsushita, A Katsuno, M Kawamoto, N Nakazawa, Z Naito, T Tajiri. Surgery for Organ and Biological Regulation (Department of Surgery), Graduate School of Medicine, Nippon Medical School, Department of Pathology, Integrative Oncological Pathology, Nippon Medical School, Tokyo, Japan.
- PI-46 GROWTH INHIBITORY EFFECTS OF GEMCITABINE ARE AUGMENTED BY THE FLAVONOID APIGENIN IN HUMAN PANCREATIC CANCER CELLS.** BM Milam, LG Melstrom, MJ Strouch, JJ McGill, MR Salabat, DB Van Beek, DM Heiferman, MJ Heiferman, XZ Ding, TA Adrian, DJ Bentrem. Northwestern Memorial Hospital and Lurie Comprehensive Cancer Center, Chicago, IL.
- PI-47 TIME TRENDS IN INCIDENCE OF ACUTE PANCREATITIS IN LÜNEBURG: A POPULATION-BASED STUDY.** PG Lankisch, M Karimi, A Bruns, P Maisonneuve, AB Lowenfels. Municipal Clinic of Lueneburg, Germany; European Institute of Oncology, Milan, Italy; New York Medical College, Valhalla, NY.
- PI-48 PROTECTIVE ROLE OF THE ANGIOTENSIN II TYPE2 RECEPTOR SIGNALING PATHWAY IN A MOUSE MODEL OF PANCREATITIS.** B. Ulmasov, Z. Xu, T. Inagami, BA. Neuschwander-Tetri. Department of Internal Medicine, Saint Louis University School of Medicine, St. Louis, MO; Department of General Surgery, The First Affiliated Hospital of Nanjing Medical University, Nanjing, China; Department of Biochemistry, Vanderbilt University School of Medicine, Nashville, TN.
- PI-49 SECRETAGOGUES DIFFERENTIALLY ACTIVATE ENDOPLASMIC RETICULUM STRESS RESPONSES IN PANCREATIC ACINI.** CH Kubisch, CD Logsdon. Department of Internal Medicine II, Ludwig-Maximilians-University of Munich, Germany, Department of Cancer Biology and GI Medical Oncology, The University of Texas M. D. Anderson Cancer Center, Houston, TX.

POSTER SESSION I (Continued from Page 17)

BOARD# TITLE

- PI-50 ELEVATED PLASMA C-PEPTIDE AND LOW PANCREATIC AMYLASE IN ELDERLY HIP FRACTURE PATIENTS WITH OSTEOPOROSIS.** K Cho. Geriatric Department, Karolinska University Hospital, Neurobiology Institution, Karolinska University, Huddinge, Sweden.
- PI-51 TW-37, A NONPEPTIDIC SMALL-MOLECULE INHIBITOR OF BCL-2, INHIBITS INVASION AND ANGIOGENESIS IN PANCREATIC CANCER.** Z Wang, W Song, A Aboukameel, G Wang, S Wang, FH Sarkar, RM Mohammad. Department of Internal Medicine, Division of Hematology and Oncology, Karmanos Cancer Institute, Wayne State University, Detroit, Michigan Department of Pathology, Karmanos Cancer Institute, Wayne State University, Detroit, Michigan Department of Internal Medicine, Pharmacology and Medicinal Chemistry, University of Michigan Comprehensive Cancer Center, University of Michigan, Ann Arbor, MI.
- PI-52 HUMAN ENT1 IS PREDICTIVE OF RESPONSE IN PATIENTS WITH PANCREATIC CANCER TREATED WITH GEMCITABINE: RESULTS FROM THE RTOG 9704 PROSPECTIVE RANDOMIZED TRIAL.** J Farrell, M Garcia, R Lai, A Ammar, W Regine, R Abrams, A Bowen Benson, J Macdonald, CE Cass, H Elsaleh, J Mackey. Division of Digestive Diseases, UCLA School of Medicine, Los Angeles, CA, RTOG Philadelphia, PA Cross Cancer Institute, University of Alberta, University of Maryland Medical Systems, Baltimore, MD, Rush University Medical Center, Chicago Il, Northwestern University, Chicago, IL, St. Vincent's CCC, New York, NY, The Australian National University, Canberra, ACT Australia.
- PI-53 ANALYSIS OF SELECTED CYTOKINES GENES POLYMORPHISMS IN PANCREATIC CANCER AND CHRONIC PANCREATITIS.** R Talar-Wojnarowska, A Gasiorowska, B Smolarz, B Romanowicz-Makowska, A Kulig, E Malecka-Panas. Department of Digestive Tract Diseases, Medical University of Lodz, Poland, Laboratory of Molecular Genetics, Institute of Polish Mother's Memorial Hospital, Lodz, Poland.
- PI-54 INTRADUCTAL PAPILLARY MUCINOUS NEOPLASM (IPMN): AN INFECTIOUS ETIOLOGY? A PILOT STUDY.** MD Bishop, SA Gross, M Krishna, RV Lloyd. Gastroenterology and Hepatology, Pathology, Mayo Clinic, Jacksonville, Pathology, Mayo Clinic, Rochester, MN.

BOARD# TITLE

- PI-55 LOSS OF CRBP1 EXPRESSION, A KEY COMPONENT OF RETINOIC ACID SIGNALLING, IS A COMMON AND EARLY EVENT IN PANCREATIC CANCER.** E.K. Colvin, J.M. Susanto, S.A. O'Toole, J.G. Kench, A. Mawson, V. Ong, M. Pinese, C.J. Scarlett, A.V. Biankin. Cancer Research Program, Garvan Institute of Medical Research, Darlinghurst, NSW, Australia.
- PI-56 ONCOGENIC NFATC2 IS A KEY DOWNSTREAM TRANSCRIPTION FACTOR IN K-RAS INDUCED PANCREATIC CANCER CELL PROLIFERATION.** J Motzer, T Linhart, A König, T Gress, V Ellenrieder. Department of Gastroenterology, University of Marburg, Germany.
- PI-57 COMPARISON OF SECRETIN AND CHOLECYSTOKININ (CCK) ENDOSCOPIC PANCREATIC FUNCTION TESTS (ePFT) FOR EVALUATION OF CHRONIC PANCREATITIS (CP).** T Stevens, DL Conwell, F Van Lente, L Kirchner, E Purich. Cleveland Clinic Foundation, Cleveland, OH.
- PI-58 ADJUVANT CHEMORADIATION PROVIDES BENEFIT FOR PATIENTS WITH ADVANCED INVASIVE INTRADUCTAL PAPILLARY MUCINOUS NEOPLASM.** BM Alexander, C Fernandez Del-Castillo, LA Kachnic, A Niemierko, KR Kozak, LS Blaszkowsky, AL Warshaw, CG Willett, DP Ryan, JW Clark, TS Hong. Massachusetts General Hospital, Harvard Medical School, Boston, MA; Duke University Medical Center, Durham, NC.
- PI-59 A NOVEL NON-TOXIC MULTI-TARGETED APPROACH FOR PANCREATIC CANCER THERAPY.** F Sarkar, S Banerjee, Z Wang, Y Li, J Abbruzzese. Karmanos Cancer Institute, Wayne State University, Detroit MI and MD Anderson Cancer Center, Houston TX.
- PI-60 Bcl-xL AND Bcl-2 PROSURVIVAL PROTEINS PROTECT AGAINST NECROSIS IN PANCREATITIS.** IV Odinokova, KF Sung, K Hermann, OA Mareninova, I Gukovsky, AS Gukovskaya. Veterans Affairs Greater Los Angeles Healthcare System and Department of Medicine, David Geffen School of Medicine, University of California at Los Angeles, CA.
- PI-61 EFFECT OF RENIN-ANGIOTENSIN SYSTEM ON REGULATION OF PANCREATIC SECRETION IN CONSCIOUS RATS.** M Yamamoto, M Otani, L Wei, M Otsuki. Department of Gastroenterology and Metabolism, University of Occupational and Environmental Health, Japan, School of Medicine, Kitakyushu, Japan.

POSTER SESSION I (Continued from Page 19)

BOARD# TITLE

- PI-62 TRIPTOLIDE INHIBITS HEAT SHOCK PROTEIN 70 (HSP70) EXPRESSION BY INHIBITING DNA BINDING OF HEAT SHOCK FACTOR-1.** V Dudeja, R Chugh, Y Yokoyama, R Talukdar, D Borja-Cacho, P Zwolak, R Dawra, S Vickers, A Saluja. Department of Surgery, University of Minnesota, Minneapolis, MN.
- PI-63 HAMSTER PANCREATIC CANCER MODEL FOR EXPERIMENTAL THERAPEUTIC TRIALS.** E Uchida, T Aimoto, Y Nakamura, K Cho, M Hiroi, M Kawamoto, T Tajiri, T Ishiwata, Z Naito. Dept. of Surgery, Dept. of Pathology, Nippon Medical School, Tokyo, Japan.
- PI-64 A RARE CASE OF SMALL SOLID-PSEUDOPAPILLARY NEOPLASM OF THE PANCREAS WITHOUT CYSTIC FORMATION, DIAGNOSED BY EUS-FNA.** Y Takayama, K Shimizu, D Suzuki, M Ohashi, H Oyama, T Hatori, K Shiratori. Depts. of Medicine and Surgery, Institute of Gastroenterology, Tokyo Women's Medical University, Tokyo, Japan.
- PI-65 PROBIOTICS MAINTAIN MUCOSAL BARRIER INTEGRITY IN EXPERIMENTAL ACUTE PANCREATITIS VIA STABILISATION OF TIGHT JUNCTIONS AND ENHANCEMENT OF MUCOSAL GLUTATHIONE.** F Lutgendorff, PA Sandström, LM Trulsson, LP van Minnen, GT Rijkers, HM Timmerman, HG Gooszen, LMA Akkermans, JD Söderholm. Department of Surgery, University Hospital, Linköping, Sweden, Department of Surgery, University Medical Center, Utrecht, The Netherlands.
- PI-66 OPTIMIZED CONCEPT FOR THE TREATMENT OF ACUTE PANCREATITIS IN PATIENTS.** G Alsfasser, F Schwandner, A Pertschy, J Witkowski, T Foitzik, E Klar. Dept of Surgery, Dept of Radiology, University of Rostock, Rostock, Germany.
- PI-67 PANCREATIC STONE PROTEIN/ REGENERATING PROTEIN ACTIVATES GRANULOCYTES AND IS HIGHLY INCREASED IN BLOOD DURING POST-TRAUMATIC SEPSIS.** M. Keel, L. Härter, Th. Reding, L.-K. Sun, M. Hersberger, B. Seifert, D. Bimmler, R. Graf. Division of Trauma Surgery, Dept. Visceral and Transplantation Surgery, Dept. Clinical Chemistry, Dept. Biostatistics, University of Zürich.

CONCLUSION OF THE FIRST DAY

FRIDAY, NOVEMBER 2, 2007 | 21

7:00 AM – 8:00 AM

Continental Breakfast & Registration
Krumlovsky Atrium

8:30 AM – 10:00 AM

Oral Session 4: PANCREATIC CANCER II
Mecklenburg Conference Room

Moderators: Suresh T. Chari, MD & Julia V. Mayerle, MD

- 8:30AM EVALUATION OF THE CONSENSUS GUIDELINES FOR THE OPERATIVE MANAGEMENT OF SIDE BRANCH INTRADUCTAL PAPILLARY MUCINOUS NEOPLASM OF PANCREAS.** R Tang, B Weinberg, D Dawson, V Chaudhari, S Raman, H Reber, OJ Hines, J Tomlinson, J Farrell. Division of Digestive Diseases, Department of Pathology, Department of Radiology, Department of Surgery UCLA School of Medicine, Los Angeles, CA.
- 8:45AM *TGFB1* HAPLOINSUFFICIENCY INHIBITS THE DEVELOPMENT OF MURINE MUTANT KRAS-INDUCED PANCREATIC PRECANCER.** K Adrian, MR Barron, DJ Bentrem, Y Xu, S Phukan, M Sadim, B Pasche, A Discristofano, PJ Grippo. Departments of Surgery and Medicine, Northwestern University, Chicago, IL; Fox Chase Cancer Center, Philadelphia, PA.
- 9:00AM ATDC, A HIGHLY EXPRESSED PROTEIN IN PANCREATIC CANCER, CONTRIBUTES TO TUMORIGENICITY BY UPREGULATING WNT/B-CATENIN SIGNALING.** L Wang, CJ Lee, DG Heidt, ME Ljungman, DM Simeone. Depts. of Surgery, Molecular and Integrative Physiology, Radiation Oncology, University of Michigan, Ann Arbor, MI.
- 9:15AM ACINAR CELL SPECIFIC TARGETING OF MUTANT KRAS INDUCES CHRONIC PANCREATITIS, PREINVASIVE, INVASIVE, AND METASTATIC PANCREATIC DUCTAL ADENOCARCINOMA.** B Ji, L Tsou, H Wang, J Song, CD Logsdon. Departments of Cancer Biology, GI Medical Oncology and Pathology, University of Texas M.D. Anderson Cancer Center, Houston, TX.

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

9:30AM TRADITIONAL DIABETES RISK FACTORS IN PANCREATIC CANCER ASSOCIATED DIABETES (PACDM): A PROSPECTIVE STUDY OF 512 PATIENTS. R Pannala, J Leirness, W Bamlet, A Basu, G Petersen, S Chari. Mayo Clinic, Rochester, MN.

9:45AM IN VIVO MOLECULAR EVIDENCE OF CHEMOSENSITIZATION BY 3,3' - DIINDOLYLMETHANE AGAINST PANCREATIC TUMOR. S Banerjee, Z Wang, D Kong, FH Sarkar. Department of Pathology, Karmanos Cancer Institute, Detroit, MI.

10:00 AM – 10:15 AM

Refreshments

Krumlovsky Atrium

10:15 AM – 11:15 AM

Business Meeting

Mecklenberg Conference Room

PRESIDENT'S ADDRESS

Raul Urrutia, MD

REPORT FROM THE APA SECRETARY-TREASURER

Ashok Saluja, PhD

PRESENTATION OF AWARDS:

HIRSHBERG AWARD FOR BEST ABSTRACTS IN PANCREATIC CANCER

NATIONAL PANCREAS FOUNDATION AWARD FOR BEST ABSTRACTS IN PANCREATITIS

CHIRHOCLIN AWARDS FOR BEST ABSTRACT IN PANCREATOLOGY

GENE DIMAGNO PRESIDENTIAL AWARD FOR JUNIOR FACULTY

FRIDAY, NOVEMBER 2, 2007 | 23

**PRESENTATION OF "GO AWARD" FOR LIFETIME ACHIEVEMENT
IN PANCREATOLOGY**

Recipient:

Howard A. Reber, M.D.

Professor and Chief

Gastrointestinal Surgery

Director – Ronald S. Hirshberg Pancreatic Cancer Research Laboratory

Director – Center for Pancreatic Diseases

REPORT FROM PANCREAS, OFFICIAL JOURNAL OF APA & JPS

Vay Liang W. Go, MD, Editor-in-Chief

RESEARCH FUNDING UPDATES

Ashok K. Saluja, PhD

11:15 AM – 11:45 AM

Research State-of-the-Art Lecture

Introduction: David Whitcomb, MD, PhD

Chung Owyang, MD

Professor, Department of Internal Medicine

H. Marvin Pollard Collegiate Professor

Division Chief, Gastroenterology

Director, Digestive Health Care

University of Michigan

Ann Arbor, Michigan

"Biology of CCK Receptors in Health & Disease"

11:45 AM – 12:30 PM

Controversies in Basic Pancreatology

**"Co-Localization of Lysosomal Enzymes and Zymogens in
Pancreatitis: Fact or Fiction"**

Miklos Sahin-Toth, MD

Boston Medical Center

Boston, MD

Moderator

24 | FRIDAY, NOVEMBER 2, 2007

Controversies in Basic Pancreatology
(Continued from Page 23)

Ashok K. Saluja, PhD

Department of Surgery; University of Minnesota
Minneapolis, MN

Markus M. Lerch, MD

Department of Gastroenterology, Endocrinology, and Nutrition; Ernst
Moritz Arndt University of Greifswald
Greifswald, Germany

Rebuttal

Questions and Answers

12:30 PM – 2:30 PM

**Complementary Luncheon &
Poster Review**

Krumlovsky Atrium

2:30 PM – 5:00 PM

Oral Session 5: PANCREATITIS II

Mecklenberg Conference Room

Moderators: Gino Saccone, PhD & Isaac Samuel, MD

**2:30PM FLUSH OR NEW THERAPEUTIC OPTIONS: THE ROLE OF
CB1-RECEPTORS IN ACUTE EXPERIMENTAL
PANCREATITIS.** C Schäfer, J Kramer, A Malo, T Michler, B Göke,
M Storr. Medical Clinic II – Campus Grosshadern, University of
Munich, Germany and Department of Medicine, University of
Calgary, Canada.

**2:45PM RGS6 AUGMENTS CCK-STIMULATED NF κ B ACTIVATION
VIA P38 AND ERK.** I Samuel, EC Twait, RA Fisher. CCOM, U
Iowa, Iowa City, IA.

- 3:00 PM** **DEFINING EARLY ORGAN FAILURE IN ACUTE PANCREATITIS: A PROSPECTIVE INTERNATIONAL MULTICENTER EVALUATION OF THE SOFA-VERSUS THE MARSHALL-SYSTEM.** B.M. Rau, S. Matt, E. Kemppainen, C. Bassi, M.W. Büchler, H.G. Beger, P. Puolakkainen. Dep. of General, Visceral, and Vascular Surgery, UKS, Homburg/Saar & Dep. of General Surgery, University of Ulm, Germany, Dep. of Surgery, Helsinki University Central Hospital, Finland, Dep. of Surgery, Pancreatic Unit, University of Verona, Italy, Dep. of Visceral and Transplantation Surgery, University of Bern, Switzerland.
- 3:15 PM** **HYPERLIPIDEMIA CAUSES PANCREATIC INFLAMMATION AND DUCTAL PROLIFERATION IN APOLIPOPROTEIN E DEFICIENT MICE.** J Mallen-St. Clair, VA Joaquin, EA Fisher, D Bar-Sagi. Department of Biochemistry and Department of Medicine, Leon Charney Division of Cardiology, New York University School of Medicine, New York, NY.
- 3:30 PM** **COMPARISON OF SIMPLE SYSTEMIC INFLAMMATORY RESPONSE SYNDROME SCORE WITH EXPANDED CLINICAL SCORE IN PREDICTING OUTCOMES OF MORBIDITY IN PATIENTS WITH ACUTE PANCREATITIS ON INITIAL PRESENTATION.** SS Vege, M Pelaez-Luna, FC Gleeson, RK Pearson, MD Topazian, BT Petersen, JE Clain, MJ Levy, MB Farnell, MK Kendrick, M Sarr, ST Chari. Divisions of Gastroenterology and Hepatology & Gastrointestinal Surgery, Mayo Clinic College of Medicine, Rochester, MN.
- 3:45 PM** **GENETIC DELETIONS OF NF- κ B PROTEINS AMELIORATE CERULEIN-INDUCED PANCREATITIS.** G Zhao, CN Reyes, K Hermann, KF Sung, AS Gukovskaya, A Hoffmann, SJ Pandol, I Gukovsky. VA Greater Los Angeles Healthcare System & University of California at Los Angeles, CA; Beijing Hospital, Beijing, China; Chang Gung Memorial Hospital, Taipei, Taiwan; University of California at San Diego, La Jolla, CA.
- 4:00PM** **ADMINISTRATION OF IL-12 AND IL-18 WHICH INDUCES SEVERE PANCREATIC DAMAGE IN OBESE, LEPTIN-DEFICIENT OB/OB MICE CAN BE USED AS A PATHOLOGICALLY RELEVANT MODEL OF ACUTE PANCREATITIS.** J Sennello, M Pini, R Fayad, M Gove, G Fantuzzi. University of Illinois, Chicago, IL.

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Oral Session 5: Pancreatitis II (Continued from Page 25)

- 4:15 PM** **ENDOSCOPIC ULTRASOUND IN MINIMAL CHANGE CHRONIC PANCREATITIS; IS IT AN IDEAL DIAGNOSTIC TOOL? CORRELATION OF EUS CRITERIA WITH HISTOPATHOLOGY IN PATIENTS UNDERGOING TOTAL PANCREATECTOMY WITH AUTOLOGOUS ISLET CELL TRANSPLANTATION.** K Gupta, A Carlson, T Kobayashi, C Manivel, R Lai, S Mallery, DE Sutherland, ML Freeman. University of Minnesota and Hennepin County Medical Center, Minneapolis, MN.
- 4:30 PM** **VAMP-8 IS THE V-SNARE MEDIATING BASOLATERAL EXOCYTOSIS IN ALCHOLIC PANCREATITIS.** L Cosen-Binker, M Binker, C Wang, W Hong, H Gaisano. Departments of Medicine and Physiology, University Health Network, University of Toronto, Toronto, Ontario, Canada; Institute of Molecular and Cell Biology, Proteos, Singapore.
- 4:45 PM** **CYCLIC-AMP INCREASES THE SPEED OF CARBACHOL-INDUCED APICAL TO BASAL CALCIUM WAVES IN PANCREATIC ACINAR CELLS.** WM Grant, AU Shah, SU Latif, SZ Husain. Dept. of Pediatrics, Yale University, New Haven, CT, Dept. of Internal Medicine, Michigan State University, Lansing, MI.

7:00 AM – 4:30 PM

POSTER SESSION II Krumlovsky Atrium

- | BOARD# | TITLE |
|---------------|---|
| P11-01 | CRHSP-28 IS A PHOSPHOINOSITIDE BINDING PROTEIN THAT COLOCALIZES WITH ADP-RIBOSYLATION FACTOR-6, A MODULATOR OF CA²⁺-DEPENDENT PHOSPHOLIPID METABOLISM IN THE SECRETORY PATHWAY. MA Falkowski, DDH Thomas, CL Martin, MD Baumler, GE Groblewski. Department of Nutritional Sciences, University of Wisconsin-Madison, Madison, WI. |
| P11-02 | TOPOLOGY ANALYSIS OF PANCREATIC ZYMOGEN GRANULE MEMBRANE PROTEINS. X Chen, ES Simon, PC Andrews, JA Williams. The University of Michigan, Ann Arbor, MI. |

BOARD# TITLE

- P11-03 INTERACTION BETWEEN PANCREATIC CANCER CELLS AND TUMOUR STROMAL MONOCYTES.** AA Sheikh, D Vimalachandran, R Jenkins, F Campbell, AR Dodson, JP Neoptolemos, E Costello. Division of Surgery and Oncology, University of Liverpool, UK, Biomedical Sciences Proteomics Facility, Department of Pharmacology and Therapeutics, University of Liverpool, UK, Department of Pathology, University of Liverpool, UK.
- P11-04 ZYMOGEN GRANULE EXOCYTOSIS IN RESPONSE TO DIRECT ACTIVATION OF CHOLECYSTOKININ RECEPTORS ON ISOLATED HUMAN PANCREATIC ACINAR CELLS.** JA Murphy, DN Criddle, M Sherwood, M Chvanov, E Mclaughlin, JV Gerasimenko, MGT Raraty, P Ghaneh, JP Neoptolemos, OV Gerasimenko, AV Tepikin, GM Green, JR Reeve, OH Petersen, R Sutton. Physiological Laboratory and Division of Surgery and Oncology, University of Liverpool, UK; Department of Physiology, University of Texas Health Sciences Center, San Antonio, TX; CURE: Digestive Diseases Research Centre, VA GLAHS, Digestive Diseases Division, University of California, LA, CA.
- P11-05 NOVEL INSIGHTS INTO HEREDITARY PANCREATITIS: HISTOPATHOLOGICAL FEATURES OF PATIENTS WITH PRSS1 R122H AND A121T MUTATIONS - EVALUATION OF BRAF AND KRAS2 MUTATIONS AS A POSSIBLE ONCOGENETIC PATHWAY.** P Felderbauer, I Stricker, K Bulut, W Uhl, A Tannapfel, WE Schmidt. Department of Medicine I, Department of Surgery, St. Josef Hospital, Ruhr-University School of Medicine, Bochum, Institute of Pathology, Ruhr-University School of Medicine, Bochum, Germany.
- P11-06 EFFECT OF PERITONEAL LAVAGE ON SYSTEMIC INFLAMMATORY RESPONSES IN RATS WITH ACUTE PANCREATITIS.** LJ Souza, AMM Coelho, NA Molan, SN Sampietre, JE Monteiro Cunha, MCC Machado. Gastrointestinal Surgery, University of Sao Paulo, Sao Paulo, Brazil.
- P11-07 HSP70 AND XIAP ARE POTENTIAL KEY MOLECULAR MECHANISMS CAUSING IMPAIRED APOPTOSIS AND SEVERE ACUTE PANCREATITIS (AP) IN CF MICE.** K Moon, SY Zhou, SH Lee, C Owyang, MJ DiMagno. University of Michigan School of Medicine, Ann Arbor, MI.
- P11-08 GEMCITABINE RESISTANCE IN PANCREATIC CANCER CELLS IS ASSOCIATED WITH INCREASED EXPRESSION OF STEM CELL-LIKE MARKERS AND A CONCOMITANT DOWN-REGULATION OF PTEN AND ACTIVATION OF AKT.** MP Kim, AN Shah, NU Parikh, GE Gallick. Department of Cancer Biology, University of Texas MD Anderson Cancer Center, Houston, TX.

POSTER SESSION II (Continued from Page 27)

BOARD# TITLE

- P11-09 ABROGATION OF TGF β SIGNALING IN THE PANCREAS OF MICE OVEREXPRESSING DOMINANT NEGATIVE TGF β RECEPTOR II SHOWS ALTERATION OF ONCOGENIC COMPONENTS OF THE P53 PATHWAY.** W Evans, C Lokko, ME Fernandez-Zapico, A Randriamahefa, G Lomberk, R Urrutia. Oakwood College, Huntsville, AL, Department of Biochemistry and Molecular Biology, Biophysics, Medicine and GI Research Unit, Mayo Clinic, Rochester, MN.
- P11-10 CONTROL OF SOMATOSTATIN SECRETION BY CCK-1 AND CCK-2 RECEPTORS IN RIN-14B CELLS, A RAT PANCREATIC ISLET CELL LINE.** K El-Kouhen, J Morisset. Département de Médecine, Service de Gastroentérologie, Faculté de Médecine, Université de Sherbrooke, Sherbrooke, QC, Canada.
- P11-11 THE SECRETED LEUKOCYTE PROTEIN HETERODIMER S100A8/A9 DISSOCIATES PANCREATIC CELL-CELL CONTACTS IN VIVO.** J Schnekenburger, V Hlouschek, B Neumann, W Domschke, C Kerckhoff. Dept. of Medicine B, Department of Experimental Dermatology, University of Münster, Germany.
- P11-12 ROLE OF D-DIMER IN PREDICTION OF ORGAN FAILURE IN ACUTE PANCREATITIS.** D. Radenkovic, Dj. Bajec, N. Ivancevic, V. Jeremic, P. Gregoric, V. Djukic, B. Stefanovic. Clinical Center of Serbia and School of Medicine, University of Belgrade, Serbia.
- P11-13 HEAT SHOCK FACTOR 1: A POTENTIAL THERAPEUTIC CANDIDATE FOR THE TREATMENT OF PANCREATIC CANCER.** V Dudeja, R Chugh, Y Yokoyama, R Talukdar, D Borja-Cacho, P Zwolak, R Dawra, S Vickers, A Saluja. Department of Surgery, University of Minnesota, Minneapolis, MN
- P11-14 PANCREATIC CYST FLUID CEA AND AMYLASE IN THE DIFFERENTIAL DIAGNOSIS OF PANCREATIC CYSTS: A STUDY OF 163 CASES.** M Pelaez-Luna, R Mascarenhas, JE Clain, MJ Levy, E Rajan, MD Topazian, ST Chari. Division of Gastroenterology and Hepatology. Mayo Clinic, Rochester MN.
- P11-15 RELATIONSHIP OF THE SYSTEMIC INFLAMMATORY RESPONSE SYNDROME (SIRS) AT ADMISSION TO MORTALITY IN ACUTE PANCREATITIS.** BU Wu, RS Johannes, X Sun, PA Banks. Division of Gastroenterology, Center for Pancreatic Disease, Brigham and Women's Hospital, Boston, MA; Cardinal Health-MediQual, Marlborough, MA.

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- P11-16 INHIBITION OF PANCREATIC ADENOCARCINOMA CELL PROLIFERATION AND INVASION BY RNAI-MEDIATED KNOCKDOWN OF THE PRL-2 TYROSINE PHOSPHATASE.** P.L. Crowell, A.M. Wilson, S.R. Werner, and R.M. Thomas. Department of Biology and the Indiana University Simon Cancer Center, Indiana University-Purdue University, Indianapolis, IN.
- P11-17 KYNURENINE CATABOLITES OF TRYPTOPHAN CARRIED IN MESENTERIC LYMPH CONTRIBUTE TO PANCREATITIS-ASSOCIATED ORGAN FAILURE IN RATS AND HUMANS.** DJ Mole, NV McFerran, G Collett, C O'Neill, T Diamond, OJ Garden, L Kylanpaa, H Repo, EA Deitch. Clinical & Surgical Sciences, University of Edinburgh, UK; Queen's University of Belfast, UK; niversity of Oxford, UK; University of Helsinki, Finland; Department of Surgery, UMDNJ-New Jersey Medical School, NJ.
- P11-18 IMPROVED OUTCOME OF PANCREATIC ADENOCARCINOMA ARISING IN INTRADUCTAL PAPILLARY MUCINOUS TUMORS IS DUE TO EARLIER STAGE AT PRESENTATION.** BM Alexander, AF Hezel, C Fernandez Del-Castillo, LA Kachnic, A Niemierko, KR Kozak, LS Blaszkowsky, AL Warshaw, CG Willett, DP Ryan, JW Clark, TS Hong. Massachusetts General Hospital, Harvard Medical School, Boston, MA; Duke University Medical Center, Durham, NC.
- P11-19 IN-VIVO IMAGING OF RADIATED ORTHOTOPIC PANCREATIC XENOGRAFTS IN NOD-SCID MICE: A NOVEL METHOD FOR ASSAYING CLINICAL EFFICACY OF IONIZING RADIATION.** CJ Lee, L Wang, DM Simeone. Departments of Surgery and Molecular and Integrative Physiology, University of Michigan, Ann Arbor, MI.
- P11-20 PROSPECTIVE ENDOSCOPIC ULTRASOUND-BASED STRATEGY FOR THE EVALUATION OF A SINGLE ATTACK OF UNEXPLAINED PANCREATITIS.** CM Wilcox, T Seay, M Phadnis, S Varadarajulu, M Eloubeidi. Division of Gastroenterology and Hepatology, University of Alabama at Birmingham, Birmingham, AL
- P11-21 TOXIC GLOBALISATION OF SECRETAGOGUE-ELICITED ACINAR CELL Ca^{2+} SIGNALING AND PREVENTION BY ATP OR REMOVAL OF Ca^{2+} FROM THE CELL EXTERIOR.** JA Murphy, DN Criddle, JP Neoptolemos, OV Gerasimenko, AV Tepikin, OH Petersen, R Sutton, MRC Group. Physiological Laboratory and Division of Surgery and Oncology, University of Liverpool, UK.
- P11-22 RAPI PLAYS A REGULATORY ROLE IN PANCREATIC AMYLASE RELEASE.** ME Sabbatini, X Chen, JA Williams. Department of Molecular & Integrative Physiology, University of Michigan, Ann Arbor, MI.

POSTER SESSION II (Continued from Page 29)**BOARD# TITLE**

- P11-23 METABOLOMICS OF THE FATTY PANCREAS: IMPLICATING FAT IN PANCREATIC PATHOLOGY.** NJ Zyromski, GAN Gowda, A Mathur, DA Swartz-Basile, HA Pitt, D Raftery. Department of Surgery, Indiana University, Indianapolis, IN; Department of Chemistry, Purdue University, West Lafayette, IN.
- P11-24 MONOCYTES-MACROPHAGES MEDIATE RECOVERY FROM ACUTE PANCREATITIS.** G Perides, J Laukkanen, ER Weiss, J Duffield, ML Steer. Depts. of Surgery, Tufts-New England Medical Center, Boston, MA, Tampere University Hospital, Tampere, Finland, Dept of Medicine, Brigham and Women's Hospital, Boston, MA.
- P11-25 CHEMICAL STRESS-INDUCED HSP70 PROTECTS AGAINST L-ARGININE-INDUCED PANCREATITIS IN RATS.** R Dawra, R Talukdar, S Vickers, D Borja, L Bhagat, A Saluja. Department of Surgery, University of Minnesota, Minneapolis, MN.
- P11-26 BOTH THE P38 AND ERK MAP KINASES REGULATE NF- κ B-DEPENDENT GENE TRANSCRIPTION.** I Samuel, L Tephly, AB Carter. Carver COM, Univ. of Iowa, Iowa City, IA.
- P11-27 INVERSE RELATIONSHIP BETWEEN PIGMENT EPITHELIUM DERIVED FACTOR (PEDF) AND VASCULAR ENDOTHELIAL GROWTH FACTOR (VEGF) IN HUMAN PANCREATIC CANCER.** DM Heiferman, MR Salabat, V Papavero, MJ Heiferman, M Strouch, DB Van Beek, S Pappas, S Ahrendt, Yang GY, PJ Grippo, DJ Bentrem. Northwestern Memorial Hospital, Lurie Comprehensive Cancer Center, Chicago, IL.
- P11-28 A NOVEL TRANSCRIPTIONAL MECHANISM TO EXPLAIN LONG TERM REPOSES FOR G-PROTEIN COUPLED RECEPTORS WHICH IS DISRUPTED IN PANCREATIC CELL PATHOBIOLOGY.** JS Zhang, G Lomberk, R Urrutia. Department of Biochemistry and Molecular Biology, Biophysics, Medicine and GI Research Unit Mayo Clinic, Rochester, MN.
- P11-29 CROSS-PLATFORM MOLECULAR PROFILING OF CELLULAR PATHWAYS INVOLVED IN PANCREATIC CANCER.** J Carter, C Logsdon, M Fazier, A Killary, S Sen. The University of Texas M. D. Anderson Cancer Center, Houston, TX.
- P11-30 ASSESSMENT OF RESECTABILITY AFTER AN INITIAL DIAGNOSIS OF UNRESECTABLE PANCREATIC CANCER: IMPACT OF PATIENT CENTRALIZATION.** M. Erkan, CW. Michalski, J. Bachmann, J. AlKhatib, I. Esposito, H. Friess, J. Kleeff, MW. Buechler. Department of Surgery, University of Heidelberg; Department of Surgery, Technical University of Munich; Institute of Pathology, University of Heidelberg.

BOARD# TITLE

- P11-31 DIFFERENT EZH2 ISOFORMS ARE EXPRESSED IN PANCREATIC CELLS: EVIDENCE FOR A POLYCOMB-MEDIATED SUBCODE WITHIN THE CONTEXT OF THE HISTONE CODE.** AL Grzenda, G Lomberk, R Urrutia. Department of Biochemistry and Molecular Biology, Biophysics, Medicine and GI Research Unit, Mayo Clinic, Rochester, MN.
- P11-32 HISTONE-DEACETYLATION REGULATES EXPRESSION OF HUMAN E-CADHERIN IN PANCREATIC CANCER.** A Aghdassi, M Sendler, J Mayerle, FU Weiss, CD Heidecke, H Friess, MW Büchler, MM Lerch. Department of Medicine A, Department of Surgery, Ernst-Moritz-Arndt-University Greifswald, Germany; Department of Surgery, University of Heidelberg, Germany.
- P11-33 QUALITY OF LIFE IN SUBJECTS WHO UNDERWENT PANCREATIC HEAD RESECTION. THE INTERIM REPORT OF A MULTICENTER STUDY.** R. Pezzilli, M. Falconi, A. Zerbi, R. Casadei, L. Fantini, L. Valli, R. Varale, N. Zanini, G. Armatura, A.M. Morselli-Labate. Departments of Internal Medicine and Gastroenterology, Department of Surgery, S. Orsola-Malpighi Hospital, Bologna, Department of Surgery, GB Rossi Hospital, Verona, Department of Surgery, S. Raffaele Hospital, Milan, Italy.
- P11-34 DOES IMMUNOSUPPRESSION (IS) CHANGE THE NATURAL HISTORY OF IPMNS?** KRS Gill, SA Gross, M Al-Haddad, DM Harnois, AP Keaveny, TA Woodward, MB Wallace, M Raimondo. Division of Gastroenterology & Hepatology, Mayo Clinic, Jacksonville, FL.
- P11-35 A NOTE OF CAUTION FOR THE DOCTOR ON DUTY: TAKE THE ACUTE ATTACK IN CHRONIC PANCREATITIS SERIOUSLY!** PG Lankisch, G Brinkmann, P Maisonneuve, AB Lowenfels. Department of Internal Medicine, Institute of Diagnostic Radiology, Municipal Clinic of Lueneburg, Germany; European Institute of Oncology, Milan, Italy; New York Medical College, Valhalla, NY.
- P11-36 TIMING OF THE VIDEOLAPAROCHOLECYSTECTOMY FOR MILD ACUTE BILIARY PANCREATITIS.** TP Valentino, C Santacroce, A Fersini, N Tartaglia, V Neri. University of Foggia, Department of Surgical Sciences, Division of General Surgery, Polyclinic of Foggia, Foggia, Italy.
- P11-37 CHANGING OF THE ETIOLOGIES OF ACUTE PANCREATITIS AFTER A SYSTEMATIC SEARCH WITH A GUIDELINE.** S Pongprasobchai, R Thammacharoen. Division of Gastroenterology, Department of Medicine, Siriraj Hospital, Bangkok, Thailand.
- P11-38 THE PROTEOME OF NORMAL PANCREATIC JUICE.** K Yancey, HA Pitt, M Wang, M Yip-Schneider, S Sherman, KD Lillemoe, MD Goggins, CM Schmidt. Indiana University, Indiana Centers for Applied Protein Sciences, Indianapolis, IN; Johns Hopkins University, Baltimore, MD.

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- P11-39 DISSEMINATION OF HUMAN PANCREATIC TUMOR CELLS IS MEDIATED BY SRC-INDUCED PHOSPHORYLATION OF CAVEOLIN.** L Orlichenko, SG Weller, M Awoniyi, MA McNiven. Mayo Clinic College of Medicine, Rochester, MN.
- P11-40 SUPPRESSION OF MAFS EXPRESSION BY THE SIRNA TECHNIQUE ALTERS THE GENE PROFILE RELATED TO PANCREATIC ENDOCRINE HORMONE AND ADIPOCYTOKINE IN VIVO AND IN VITRO.** M Tsuchiya, A Hayashi, J Tanaka, A Maeda, K Tsuchiya. Institute of Geriatrics, Department of Medicine IV, Tokyo Women's Medical University, Tokyo, Japan.
- P11-41 MISSENSE MUTATIONS IN PANCREATIC SECRETORY TRYPSIN INHIBITOR (SPINK1) CAUSE INTRACELLULAR RETENTION AND DEGRADATION.** O Király, T Wartmann, M Sahin-Tóth. Department of Molecular and Cell Biology, Boston University, Goldman School of Dental Medicine, Boston, MA; Division of Experimental Surgery, Department of Surgery, Otto-von-Guericke-Universität, Magdeburg Germany.
- P11-42 THE EFFECT OF HYPOXIA ON RAT PANCREATIC STELLATE CELLS.** S Watanabe, Y Nagashio, H Asaumi, Y Nomiyama, M Taguchi, Y Kihara, H Nakamura, M Otsuki. Third Department of Internal Medicine, University of Occupational and Environmental Health, Kitakyushu, Japan.
- P11-43 LEPTIN RESISTANCE LEADS TO INCREASED ACCUMULATION OF TOXIC PANCREATIC FAT.** A Mathur, KW Yancey, D Lu, DA Swartz-Basile, KD Lillemoe, HA Pitt, NJ Zyromski. Indiana University School of Medicine, Indianapolis, IN.
- P11-44 HYPERTONIC SALINE SOLUTION INHIBITS SYSTEMIC INFLAMMATORY RESPONSE BUT NOT LOCAL LESIONS IN EXPERIMENTAL ACUTE PANCREATITIS.** AMM Coelho, J Jukemura, B Lindkvist, SN Sampietre, NAT Molan, R Patzina, JEM Cunha, MCC Machado. Department of Gastroenterology-University of Sao Paulo, Brazil; Department of Surgery, Lund University, Malmö, Sweden.
- P11-45 RESISTANT ORGANISMS PREDICT POOR OUTCOME IN NECROTIZING PANCREATITIS: A PLEA TO DO NO HARM.** Y Zhukov, TJ Howard, L McHenry, EL Fogel, A Nakeeb, HA Pitt, KD Lillemoe, CM Schmidt, NJ Zyromski. Departments of Surgery and ²Gastroenterology, Indiana University, Indianapolis, IN.

BOARD# TITLE

- P11-46 DELIVERY OF siRNA TO PANCREATIC CANCER CELLS USING NOVEL NON-VIRAL BIODEGRADABLE NANOPARTICLES.** J McCarroll, V Dudeja, P Phillips, R Dawra, D Borja-Cacho, S Vickers, C Wang, A Saluja. Department of Surgery and Department of Biomedical Engineering, University of Minnesota, Minneapolis, MN.
- P11-47 VORINOSTAT RADIOSENSITIZES PANCREATIC CANCERS BY INHIBITING DNA REPAIR AND RADIATION-INDUCED EGFR AND NF-KB SIGNALING.** A Deorukhkar, H Park, S Shentu, P Diagaradjane, S Krishnan. MD Anderson Cancer Center, Houston, TX.
- P11-48 EXPRESSION OF NESTIN IN PANCREATIC CANCER CORRELATES WITH OF INVASIVE ABILITY.** M Kawamoto, T Tajiri, T Ishiwata, E Uchida, T Aimoto, Y Nakamura, A Matsushita, A Katsuno, K Cho, Y Ono, T Yamamoto, Y Matsuda, Z Naito. Surgery for Organ and Biological Regulation (Department of Surgery), Graduate School of Medicine, Nippon Medical School, Tokyo, Japan, Department of Pathology, Integrative Oncological Pathology, Nippon Medical School, Tokyo, Japan.
- P11-49 SERUM FRUCTOSE IN PANCREATIC CANCER PATIENTS.** H Hui, McArthur, N Nissen, VLW Go, A. Heaney. Division of Endocrinology, Division of Neurosurgery, Division of Digestive Diseases, David Geffen School of Medicine at UCLA, Los Angeles, CA; Department of Surgery, Cedars-Sinai Medical Center, Los Angeles, CA.
- P11-50 DOWN-REGULATION OF PDGF-D INHIBITS CELL GROWTH AND ANGIOGENESIS THROUGH INACTIVATION OF NOTCH-1 AND NF-κB SIGNALING.** Z Wang, D Kong, S Banerjee, Y Li, FH Sarkar. Department of Pathology, Karmanos Cancer Institute, Wayne State University, Detroit, MI.
- P11-51 A NOVEL MECHANISM FOR OVEREXPRESSION OF TRKB-T1-INDUCED PANCREATIC CANCER METASTASIS.** Z Li, B Peng, DB Evans, J Chiao, Department of Surgical Oncology, Department of Molecular and Cellular Oncology, the University of Texas M.D. Anderson Cancer Center, Houston, TX, The Program in Cancer Biology, the University of Texas Graduate School of Biomedical Sciences at Houston, Houston, TX.
- P11-52 MYRICETIN INDUCES APOPTOSIS VIA CASPASE ACTIVATION AND INHIBITION OF PI-3 KINASE/AKT AND ERK PATHWAYS IN HUMAN PANCREATIC CELLS.** P Zwolak, D Borja-Cacho, PA Phillips, V Dudeja, R Dawra, JS Ankeny, R Talukdar, R Chugh, S Vickers, A Saluja. Department of Surgery, University of Minnesota, Minneapolis, MN.

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- P11-53 CANCER VACCINES TARGETING SURVIVIN IN PANCREATIC CANCER.** DZ Chang, K Zhu, H Qin, JL Abbruzzese, L Kawk, P Hwu, L Radvanyi. The U.T. M D Anderson Cancer Center, Houston, TX.
- P11-54 MEDIAN PANCREATECTOMY FOR BENIGN OR LOW-GRADE MALIGNANT TUMORS.** Z Xu , Z Qian, C Dai, K Jiang, J Wu, Y Miao. Department of General Surgery, the First Affiliated Hospital of Nanjing Medical University, Nanjing, China
- P11-55 DIFFERENT GLYCOSYLATION PATTERNS OF LUMICAN CORRELATE WITH INVASION AND PROGNOSIS IN PANCREATIC CANCER.** T Yamamoto, T Ishiwata, K Cho, K Kawahara, T Fujii, Y Ono, Y Matsuda, E Uchida, T Tajiri, Z Naito. Department of Pathology, Integrative Oncological Pathology, Nippon Medical School, Surgery for Organ and Biological Regulation (First Department of Surgery), Graduate School of Medicine, Nippon Medical School.
- P11-56 THE N-3 POLYUNSATURATED FATTY ACID EPA INHIBITS PANCREATIC CANCER CELL GROWTH BY COX-2 DEPENDENT AND INDEPENDENT MECHANISMS.** H. Funahashi, M. Satake, S. Hasan, E. Angst, H. A. Reber, O. J. Hines, G. Eibl. Department of Surgery, David Geffen School of Medicine at UCLA, Los Angeles, CA.
- P11-57 CHEMOPREVENTIVE EFFECTS OF OMEGA-3 FATTY ACIDS IN PANCREATIC CANCER MAY FUNCTION THROUGH COX-2 AND 5-LOX-INDEPENDENT MECHANISMS.** MJ Strouch, LG Melstrom, K Adrian, BM Milam, MR Salabat, DJ Bentrem, PJ Grippo. Department of Surgery, Northwestern University, Chicago, IL.
- P11-58 HEMOCONCENTRATION ALONE IS AN UNRELIABLE PREDICTOR OF MORTALITY IN ACUTE PANCREATITIS.** BU Wu, RS Johannes, X Sun, PA Banks. Division of Gastroenterology, Center for Pancreatic Disease, Brigham and Women's Hospital, Boston, MA, Cardinal Health-MediQual, Marlborough, MA.
- P11-59 HEDGEHOG PATHWAY REGULATES G1 TO S TRANSITION BY MODULATING A DEFINED CELL CYCLE TRANSCRIPTIONAL PROGRAM IN PANCREATIC CANCER CELLS.** S Bangarulingam, JJ Han, J Zhu, C Lokko, ME Fernandez-Zapico. Gastroenterology Research Unit, Mayo Clinic College of Medicine, Rochester, MN.

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- P11-60 CORRELATION OF MALIGNANCY AND CEA LEVEL IN IPMN.** AN Schore, SA Gross, M Al-Haddad, S Pungpapong, TA Woodward, MB Wallace, M Raimondo. Division of Gastroenterology & Hepatology, Mayo Clinic College of Medicine, Jacksonville, FL.
- P11-61 CONTROLLED RELEASE OF BASIC FIBROBLAST GROWTH FACTOR PROMOTES HEALING OF THE PANCREATICOJEJUNAL ANASTOMOSIS: A NOVEL APPROACH TOWARD ZERO PANCREATIC FISTULA.** T Aimoto, E Uchida, A Matsushita, Y Tabata, T Takano, M Miyamoto, T Tajiri. Department of Surgery, Nippon Medical School, Tokyo, Department of Biomaterials, Institute for Frontier Medical Sciences, Kyoto University, Kyoto, Department of Internal Medicine, Nippon Medical School, Tokyo.
- P11-62 PROBIOTICS REDUCE OXIDATIVE STRESS AND PRO-INFLAMMATORY MARKERS IN LIVER IN THE EARLY PHASE OF ACUTE PANCREATITIS.** F Lutgendorff, LM Trulsson, LP van Minnen, GT Rijkers, HM Timmerman, HG Gooszen, JD Söderholm, LMA Akkermans, PA Sandström. Department of Surgery, University Hospital, Linköping, Sweden, Department of Surgery, University Medical Center, Utrecht, The Netherlands.
- P11-63 ISLET AMYLOID POLYPEPTIDE PLAYS A PROINFLAMMATORY ROLE IN ACUTE PANCREATITIS BY UPREGULATION OF CHEMOKINE GENE EXPRESSION.** R. Segersvärd, J. Tsai, A Capitano, U Arnelo, Division of Surgery, CLINTEC, Dept of Pathology, LabMed, Karolinska Institutet, Karolinska University Hospital Huddinge, Stockholm, Sweden.
- P11-64 INVOLVEMENT OF S100A6 (CALCYCLIN) IN PANCREATIC CANCER PROGRESSION.** T Nedjadi, R Smith, RE Jenkins, E Costello. Division of Surgery and Oncology, Royal Liverpool University Hospital, Biomedical Sciences Proteomics Facility, Department of Pharmacology and Therapeutics, University of Liverpool. Liverpool, United Kingdom.
- P11-65 TUMOR SUPPRESSOR PROTEIN, KL11, MODULATES PGE2 SYNTHESIS VIA THE REGULATION OF THE CPLAÁ.** N Buttar, C DeMars, M Madhavan, V Mokkalá, ME Fernandez-Zapico, K Wang, L Lutzke, R Urrutia. GI Research Unit, Mayo Clinic College of Medicine, Rochester, MN.

**IMMEDIATELY FOLLOWING
APA/LUSTGARTEN SYMPOSIUM, PANCREATIC CANCER 2007:
STEM CELLS IN THE PANCREAS AND PANCREATIC CANCER**

36 | FRIDAY, NOVEMBER 2, 2007

The American Pancreatic Association / Lustgarten Foundation
***“Pancreatic Cancer 2007: Stem Cells in the Pancreas
and Pancreatic Cancer”***

Friday, November 2, 2007

6:00 PM Max Wicha, MD
6:45 PM Diane Simeone, MD
7:30 PM Scott Kern, MD

8:15 PM Reception

Saturday, November 3, 2007

Morning Session: Model Organisms

Moderators: Sarah Thayer, MD, PhD and Steven Leach, MD

8:30 AM James Abbruzzese, MD
9:00 AM Benjamin Ohlstein, MD, PhD
9:30 AM Steven Leach, MD

10:00 AM Break

10:15 AM Sarah Thayer, MD, PhD
10:45 AM Anirban Maitra, MD
11:15 AM Point/CounterPoint: Stem Cell Theory

12:00 PM Lunch

Afternoon Session: Stem Cell Lineage Mapping

Moderators: Suriender Batra, PhD and Martin Fernandez-Zapico, MD

1:00 PM Brian Lewis, PhD
1:25 PM Stephen Konieczny, PhD
1:50 PM Craig Logsdon, PhD
2:15 PM Murray Korc, MD

2:40 PM Break

2:55 PM Raul Urrutia, MD
3:20 PM Young Investigator Talks
Jennifer LaFemina, MD
Jodi Peat
Oliver Strobel, MD

4:00 PM Closing Statements/Evaluation

Please see separate program for specific details