Current as of August 31, 2023

**Short Talks Selected from Proffered Abstracts**

PR-01 **Implementation of a real-time AI-guided navigation service for pancreas cancer**. Kristen John. Zucker School of Medicine, New Hyde Park, NY, United States.

PR-02 **Deep proteomics identifies novawinel biomarker candidates and molecular pathways of pancreatic cancer-related diabetes**. Lucy Oldfield. University of Liverpool, Liverpool, United Kingdom.

PR-03 **Addressing disparities in the Native American population in Oregon: The development of multi-disciplinary frameworks to study pancreatic ductal adenocarcinoma in Native American communities**. Jared Delaney. Brenden Colson Center for Pancreatic Care, Oregon Health & Science University, Portland, OR, United States.

PR-04 **Therapeutic development platform for pancreatic cancer in the UK national health service: Lessons learned and initial results from Precision-Panc**. David Chang. University of Glasgow, Glasgow, , United Kingdom.

PR-05 **CheMo4METPANC: Combination Chemotherapy (gemcitabine and nab-paclitaxel), chemokine (C-X-C) Motif receptor 4 inhibitor (motixafortide), and immune checkpoint blockade (cemiplimab) in METastatic treatment-naïve PANCreatic adenocarcinoma.** Gulam Manji. Columbia University Irving Medical Center/New York Presbyterian, New York, NY, United States.

PR-06 **CD40 agonist mitazalimab in combination with mFOLFIRINOX in patients with metastatic pancreatic ductal adenocarcinoma (mPDAC): Interim efficacy results of the OPTIMIZE-1 phase 1b/2 study**. Teresa Macarulla. Vall d'Hebrón University Hospital, Barcelona, Spain.
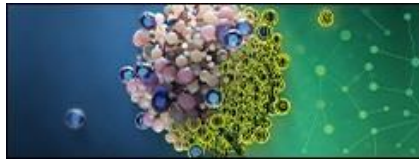
PR-07 **Unravelling the epigenetic landscape of pancreatic cancer: The role of cancer-associated fibroblasts**. Catarina Pelicano. CRUK University of Cambridge, Cambridge, United Kingdom.

PR-08 **Spatial mapping of transcriptomic and lineage diversity in metastatic pancreatic cancer**. Jimin Min. MD Anderson Cancer Center, Houston, TX, United States.

PR-09 **Pancreatic cancer cachexia is mediated by tumor-derived PTHrP**. Jason Pitarresi. University of Massachusetts Medical School, Worcester, MA, United States.

PR-10 **Uridine-to-ribose axis supports glucose-restricted pancreatic cancer**. Zeribe Nwosu. University of Michigan, Ann Arbor, MI, United States.

PR-11 **KRAS mutant-specific interactions reveal mechanisms in pancreatic cancer tumorigenesis and metabolic function**. G. Aaron Hobbs. Medical University of South Carolina, Charleston, SC, United States.

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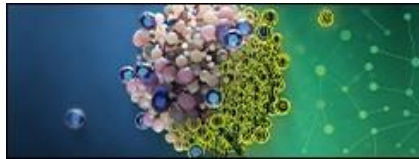AACR
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PR-12 **Targeting CDK7/9 in basal pancreatic cancer**. Sita Kugel. Fred Hutch Cancer Center, Seattle, WA, United States.

PR-13 **Single-cell mapping reveals a common origin for diverse subtypes of pancreatic cancer**. Nirakar Rajbhandari. University of California San Diego, La Jolla, CA, United States.

PR-14 **Ex vivo models of pancreatic cancer that recapitulate the metabolic tumor microenvironment identify glycine as a chemoresistance-inducing oncometabolite**. Alexander Muir. University of Chicago, Chicago, IL, United States.

PR-15 **Adenosine inhibits STING driven anti-tumor immunity in pancreatic cancer**. Alykhan Premji. UCLA, Los Angeles, CA, United States.

PR-16 **Neutrophil-intrinsic tumor necrosis factor (TNF) is a novel driver of T-cell and cancer-associated fibroblast (CAF) dysfunction in pancreatic cancer**. Anna Bianchi. University of Miami Miller School of Medicine, Miami, FL, United States.

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**Poster Session A (To be presented on September 27 from 7:25-9:00 p.m. ET)**

**Clinical Updates (Including Trials in Progress)**

A001 **Preoperative treatment with mFOLFIRINOX +/- isotoxic high-dose stereotactic body radiation therapy (iHD-SBRT) for borderline resectable pancreatic adenocarcinoma (the STEREOPAC trial): a randomised comparative multicenter phase II trial**. Christelle Bouchart. Institut Jules Bordet - HUB, Brussels, Belgium.

A002 **A Phase II Study of Peri-operative Modified FOLFIRINOX in Localized Pancreatic Ductal Adenocarcinoma (PDAC)**. Michael Cecchini. Yale University School of Medicine, NEW HAVEN, CT, United States.

A003 **Preliminary Safety Results from a Phase I Study of Autologous Transgenic T Cells Expressing High Affinity Mesothelin-Specific T Cell Receptor (TCR) (FH-TCR TMSLN) in Patients (Pts) with Metastatic Pancreatic Ductal Adenocarcinoma (mPDA)**. Elena Chiorean. University of Washington, Seattle, WA, United States.

A004 **Lymphopenia and spleen dose for inoperable pancreatic cancer patients receiving ablative 5-fraction radiation therapy**. Michael Chuong. Miami Cancer Institute, Miamia, FL, United States.

A005 **A multi-institutional randomized phase III trial of chemotherapy alone versus chemotherapy and ablative 5-fraction MRI-guided adaptive radiation therapy for locally advanced pancreatic cancer (LAP-ABLATE)**. Michael Chuong. Miami Cancer Institute, Miami, FL, United States.
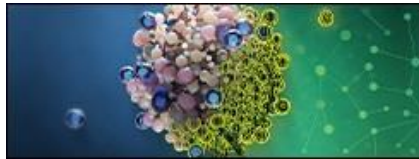
**Diversity and Disparities**

A006 **Differential gene expression to delineate racial disparities in the molecular landscape of pancreatic ductal adenocarcinoma**. Prachi Bajpai. University of Alabama at Birmingham, Birmingham, AL, United States.

A007 **Expression and activity of Rac, Cdc42, and their downstream effector PAK in Puerto Rican pancreatic cancer patients.** Anamaris Torres-Sanchez. University of Puerto Rico at Rio Piedras Campus, San Juan, Puerto Rico.

A008 **Empowering Equity: Accelerated Germline Genetic Testing for Pancreatic Ductal Adenocarcinoma Erodes Delays, Democratizes Access, and Mitigates Disparity**. Xianghui Zou. Zucker School of Medicine at Hofstra/Northwell at NS/LIJ, Manhasset, NY, United States.

**Epidemiology and Early Detection**

A009 **Association between unstable diabetes mellitus and risk of pancreatic cancer.** Sitwat Ali. QIMR Berghofer Medical Research Institute, Brisbane, QLD, Australia.

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**A010 Evaluation of the Avantect Pancreatic Cancer Test for Identifying High-Risk Pancreatic Cysts**. Anna Bergamaschi. ClearNote Health, San Diego, CA, United States.

**A011 Proteomic Expression Using Exosomes in Intraductal Papillary Mucinous Neoplasms (IPMN) Patients to Inform Risk Stratification**. Harmeet Dhani. Biological Dynamics, San Diego, CA, United States.

**A012 The Spanish Familial Pancreatic Cancer Registry (PANGENFAM): Genetic testing and follow-up of high risk individuals.** Julie Earl. Ramón y Cajal Health Research Institute (IRYCIS), Madrid, Spain.

**A013 Uptake and predictors of Covid-19 vaccination among United States' cancer populations**. Tayla Greene. Piedmont Athens Regional, Athens, GA, United States.

**A014 Combinations of previously reported biomarkers achieve improved sensitivity and specificity of detection of early stage pancreatic ductal adenocarcinoma**. Brian Haab. Van Andel Institute, Grand Rapids, MI, United States.

**A015 Impact of healthy lifestyles and polygenic risk scores on pancreatic cancer risk: the Multiethnic Cohort Study**. Veronica Wendy Setiawan. Keck School of Medicine of USC, Los Angeles, CA, United States.

**A016 Novel positron emission tomography imaging targeting cell surface glycans for pancreatic cancer: 18F-labeled rBC2LCN lectin**. Yukihito Kuroda. University of Tsukuba, Tsukuba, Japan.

**A017 Lipidomic biomarkers of usual alcohol use and their association with pancreatic ductal adenocarcinoma risk**. Sabine Naudin. International Agency for Research on Cancer, Lyon, France.
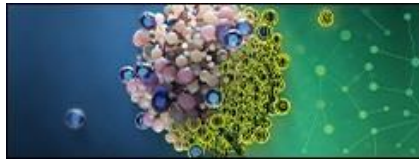
**Immunology and the Microenvironment**

**A018 Exercise stimulates anti-tumoral immunity in metastatic PDAC**. Carolina Alcantara Hirsch. NYU Langone Health, New York, NY, United States.

**A019 Neoplastic co-option of epithelial-immune interactions in pancreatic cancer**. Direna Alonso-Curbelo. IRB Barcelona, Barcelona, Spain.

**A020 Molecular basis of immune suppressive microenvironment specified by cancer-associated fibroblasts in pancreatic cancer**. Kazunori Aoki. National Cancer Center Reseach Institute Japan, Tokyo, Japan.

**A021 Adjuvant iC9.B7-H3 CAR T Cell-Based Immunotherapy Effectively Eradicate Local and Distant Metastases in Pancreatic Ductal Adenocarcinoma.** Shahrzad Arya. Massachusetts General Hospital, Boston, MA, United States.

A022 **Novel nanoparticle delivery of toll like receptor agonists alters the tumor immune landscape and improves response to standard of care therapy in preclinical PDAC models.** Nathan Beals. NYU Grossman School of Medicine, New York, NY, United States.

A023 **Cytokine loss leads to decreased tumor differentiation and a more aggressive phenotype**. Whitney Bell. University of North Carolina at Chapel Hill, Chapel Hill, NC, United States.

A024 **B cells facilitate lymph node colonization in pancreatic ductal adenocarcinoma**. Alice Bertocchi. Dana Farber Cancer Institute, Boston, United States.

A025 **Autotaxin-lysolipid signaling suppresses a CCL11- eosinophil axis to promote pancreatic cancer progression**. Sohinee Bhattacharyya. MSKCC, Union City, NJ, United States.

A026 **Senescence driven by pharmacological RAS inhibition potentiates efficacy of combination therapies in pancreatic cancer**. Caroline Broderick. Memorial Sloan Kettering Cancer Center, New York, NY, United States.

A027 **Aberrant glycosylation in mPDAC cells is associated with increased recruitment of immunosuppressive cells**. Shawna Brookens. University of Pennsylvania, Philadelphia, PA, United States.

A028 **Multiomic modelling of pancreatic IPMN stroma reveals distinct tertiary lymphoid structure distribution: mapping the transcriptomic landscape via regional bulk, single-cell and subcellular approaches.** Andrew Cameron. School of Cancer Sciences, University of Glasgow, Glasgow, United Kingdom.
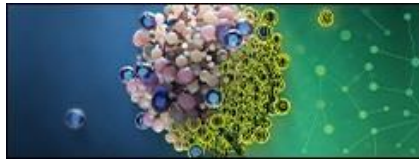
A029 **Re-purposing non-oncology agent Itraconazole to target the dynamic cellular ecosystem cf pancreatic cancer**. Diego Chacon-Fajardo. Garvan Institute of Medical Research, Sydney, Australia.

A030 **Fusion between macrophages and cancer cells up-regulates signal regulatory protein pathway and contributes to malignant progression of pancreatic cancer after radiation**. Hui Ju Chang. National Health Research Institutes, Taipei, Taiwan (Greater China).

A031 **Biotherapeutic strategies targeting the CXCR2 axis for depletion of myeloid-derived suppressor cells in pancreatic ductal adenocarcinoma**. Benjamin Christopher. Medical University of South Carolina, Charleston, SC, United States.

A032 **mTFF2-MSA (mTNX-1700) suppresses tumor growth in an anti-PD-1 treated Pan02 syngeneic pancreatic cancer model by targeting MDSCs in C57BL/6 mice**. Bruce Daugherty. Tonix Pharmaceuticals, Inc., Chatham, NJ, United States.

A033 **Blocking TNF-a producing macrophage activates antitumor immunity in pancreatic cancer via IL33**. Ajay Dixit. University of Minnesota, Minneapolis, United States.

A034 **Thermoregulation alters adipose influence of pancreatic cancer growth**. Austin Eades. University of Kansas Medical Center, Kansas City, KS, United States.

A035 **Stromal composition, fibroblast heterogeneity and spatial organization in pancreatic adenocarcinoma**. Dalia Elganainy. Dana-Farber Cancer Institute, Harvard Medical School, Boston, MA, United States.

A036 **Quantitative Molecular Imaging of Pancreatic Tumor Fibrosis for Evaluation of Response to Neoadjuvant Therapy; Pre-Clinical and First-in-Human Application of Collagen PET/MRI**. Shadi Esfahani. Department of Radiology, Massachusetts General Hospital, Boston, MA, United States.

A037 **Unraveling the importance of pancreatic cancer extracellular signaling to endothelial cells within the tumor microenvironment**. Jennifer Finan. Oregon Health and Science University, Portland, OR, United States.

A038 **Non-canonical MHC class I-associated antigens in pancreatic cancer**. William Freed-Pastor. Dana-Farber Cancer Institute, Boston, MA, United States.

A039 **Silencing MICAL2 Expression in Pancreatic Cancer Cells Reduces IL-1A Expression and Inhibits Tumor Growth Through a CD8+ T Cell Dependent Mechanism**. Bharti Garg. Moores cancer Centre UC SAN diego, SAN diego, CA, United States.
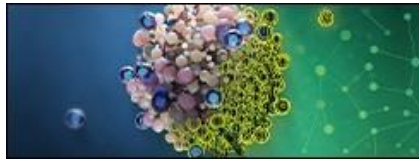
A040 **Assessing the ability of Fc3TSR to remodel the tumor microenvironment and enhance efficacy of immunotherapies and chemotherapy in a murine model of pancreatic ductal adenocarcinoma**. Bianca Garlisi. Department of Biomedical Sciences, University of Guelph, Guelph, ON, Canada.

A041 **Characterizing antigen presentation associated immune escape mechanisms in pancreatic adenocarcinoma using an integrative computational approach**. Michael Geuenich. Lunenfeld Tanenbaum Research Institute, Toronto, ON, Canada.

A042 *Cancer Associated Fibroblasts drive transcriptional changes in tumor cells from classical to basal phenotype and promote Epithelial-to-Mesenchymal Transition in Human Pancreatic Ductal Adenocarcinoma*. Samantha Guinn. Johns Hopkins University School of Medicine, Baltimore, MD, United States.

A043 **The tumor-intrinsic RNA binding protein HuR is essential for anti-tumor immunity in PDAC**. Yifei Guo. Oregon Health and Science University, Portland, OR, United States.

A044 **Tumor-infiltrating lymphocyte density correlates with survival in pancreatic adenosquamous carcinoma**. Saurav Haldar. Department of Oncology, Johns Hopkins Sidney Kimmel Comprehensive Cancer Center, Baltimore, MD, United States.

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**A045 Persistence of the splanchnic gene signature along the mesenchymal cell trajectory during pancreatic cancer progression**. Lu Han. Medical University of South Carolina, Charleston, SC, United States.

**A046 Hypoxic regulation of macrophage migration and function in pancreatic cancer**. Sean Hannifin. University of Michigan, Ann Arbor, MI, United States.

**A047 ARID1A mutations drive metastasis of pancreatic neuroendocrine tumors and pancreatic adenocarcinomas by activation of NTN1/UNC5B signaling**. Chris Harris. University of Rochester, Rochester, NY, United States.

**A048 Enhancing the immune response in locally advanced pancreatic cancer (LAPC) with intratumoral endoscopic ultrasound-guided fine needle injection of large surface area microparticle paclitaxel (LSAM-PTX)**. Andrew Hendifar. Cedars-Sinai Medical Center, Los Angeles, CA, United States.

**A049 nSMase2-generated ceramide promotes PDA aggression through exosome reprogramming of the stroma**. Audrey Hendley. UCSF, San Francisco, CA, United States.

**A051 PSGL-1-deficiency promotes pancreatic ductal adenocarcinoma tumor control and synergy with immune checkpoint blockade**. Jennifer Hope. Drexel University, Philadelphia, PA, United States.

**A052 Pharmacologic conversion of cancer-associated fibroblasts from a protumor phenotype to an antitumor phenotype improves the sensitivity of pancreatic cancer to immune checkpoint blockade therapy**. Tadashi Iida. Nagoya University, Nagoya, Japan.
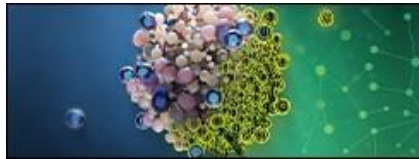
**A053 The effects of chemotherapy on B cells and T cells in blood and tumor tissue in patients with pancreatic cancer – from diagnosis to terminal disease**. Hedda Jacobsen. Faculty of medicine, Lund, Sweden.

**Metabolic Perturbations**

**A054 PP2A activation alters macropinosome processing in pancreatic cancer cells leading to metabolic stress and cancer cell deathvation alters macropinosome processing in pancreatic cancer cells leading to metabolic stress and cancer cell death**. Brittany Allen-Petersen. Purdue University, West Lafayette, IN, United States.

**A055 Context-dependent role of acid sphingomyelinase in pancreatic ductal adenocarcinoma**. Ahmed Alnatsha. University Hospital LMU Munich, Munich, Germany.

**A056 Targeting the mevalonate biosynthesis pathway in gemcitabine resistant pancreatic cancer**. Alica Beutel. Molecular Biology and Biochemistry, Irvine, CA, United States.

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**A057 Decreased Plasma Linoleic Acid and Increased Oleic Acid Associated with Obesity in Pancreatic Cancer**. Kaylin Chasser. Division of Gastroenterology, Hepatology, and Nutrition, Department of Internal Medicine, The Ohio State University Wexner Medical Center, Columbus, United States.

**A058 Ether phospholipids are required for mitochondrial reactive oxygen species homeostasis**. Ziheng Chen. UT MD Anderson Cancer Center, Houston, TX, United States.

**A059 Targeting Pancreatic Cancer Metabolic Dependencies through Glutamine Antagonism**. Joel Encarnacion-Rosado. NYU School of Medicine, New York, NY, United States.

**A060 Metabolic patterns in pancreatic cancer cachexia**. Deepti Mathur. Memorial Sloan Kettering Cancer Center, New York, NY, United States.

**Model Systems & Bioengineering**

**A061 A novel genetically engineered mouse model of Myc-driven pancreatic cancer recapitulates phenotypic heterogeneity, metastasis, and therapy resistance seen in clinical populations**. Isabel English. Oregon Health & Science University, Portland, OR, United States.

**A062 Chromatin dynamics reveals a differential capacity of Kras mutants to drive epigenetic reprogramming and lineage reversion in PDAC initiation**. David Falvo. Weill Cornell Medicine, New York, NY, United States.

**A063 Tertiary lymphoid organogenesis and lymphocyte activation in human organ chips**. Girija Goyal. Wyss Institute for Biologically Inspired Engineering at Harvard University, Boston, MA, United States.

**A064 The initiation and progression of pancreatic ductal adenocarcinoma through a p53 lens**. Kathryn Hanson. Stanford University, Stanford, CA, United States.

**A065 Lineage tracing oncogenic isoforms of HER2 in a mouse model of pancreatic cancer**. Elishama Kanu. Duke University Medical Center, Durham, NC, United States.
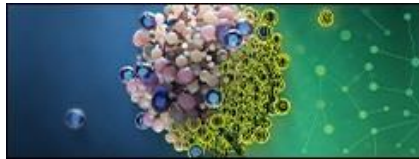
**Other**

**A066 A Novel Approach for Exocrine Pancreas Transcriptomics Reveals the Cellular Landscape of the Pancreas**. Katherine Aney. Harvard University, Cambridge, MA, United States.

**A067 A single sample classifier of Bailey's molecular subtype of PDAC**. Taisuke Baba. Division of Surgical Oncology, Department of Surgery, Nagoya University Graduate School of Medicine, Nagoya, Japan.

**A068 Proteomic analysis of keratin 17 positive cells from laser-capture microdissected pancreatic ductal adenocarcinoma**. Ji Dong Bai. Stony Brook University, Stony Brook, NY, United States.

A069 **Study of MUC16/ERBB axis in pancreatic cancer**. Amina Baniya. University of Nebraska Medical Center, Omaha, NE, United States.

A070 **Genomic profiling of pancreatic cancer by KRAS status.** Gargi Basu. Exact Sciences, Phoenix, AZ, United States.

A071 **Definitive radiation therapy for treatment of non-metastatic pancreatic ductal adenocarcinoma: Practice patterns and outcomes**. Michael Caplan. Columbia University Irving Medical Center, New York, NY, United States.

A072 **Keratin 17-signature for stratification of chemotherapy in pancreatic adenocarcinoma**. Sumedha Chowdhury. Department of Therapeutic Radiology, Yale School of Medicine, New Haven, CT 06510, USA, New Haven, CT, United States.

A073 **A link between the mitochondrial enzyme glutamic-oxaloacetic transaminase 2 (GOT2) and epigenetic dysregulation in pancreatic cancer**. Luis Francisco Diaz. Oregon Health & Science University, Portland, OR, United States.

A074 **Namodenoson Inhibits the Growth of Pancreatic Carcinoma via De-regulation of the Wnt/β-catenin Signaling Pathway**. Pnina Fishman. Can-Fite BioPharma Ltd., Petah Tikva, Israel.

A075 **Spatial genomic expression profiling reveals differential marker expression patterns in mucinous cystic carcinoma of the pancreas with ductal involvement**. Arshia Ghodrati. University of Illinois College of Medicine, Peoria, IL, United States.

A076 **Spatial genomic expression profiling reveals metastatic gene markers in mucinous cystic carcinoma of the pancreas and regional lymph nodes**. Chirag Gopinath. University of Illinois College of Medicine, Peoria, IL, United States.
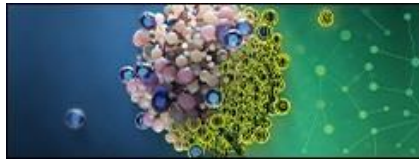
A077 **The EZH2 epigenetic factor orchestrates oncogenic properties in ATM-deficient pancreatic cancer**. Johann Gout. Institute of Molecular Oncology and Stem Cell Biology, Ulm University Hospital, Ulm, Germany.

**RAS, Oncogene addiction, & Other Targeted Therapies**

A078 **Response and resistance to KRAS inhibition in PDAC mouse models.** Laleh Abbassi. Dana Farber Cancer Institute, Boston, United States.

A079 **A new vulnerability to BET inhibition due to enhanced autophagy in BRCA2-deficient pancreatic cancer**. Suyakarn Archasappawat. University of California, Davis, Davis, CA, United States.

A080 **Target genes in pancreatic cancer cells of the pan-quadruplex clinical candidate compound QN-302 revealed by comparative transcriptome profiling**. Tariq Arshad. Qualigen therapeutics Inc, Carlsbad, CA, United States.

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A081 **The pan-quadruplex experimental drug QN-302 in Pancreatic Ductal Adenocarcinoma (PDAC): potential biomarkers for clinical studies**. Tariq Arshad. Qualigen Therapeutics Inc, Carlsbad, CA, United States.

A082 **Mechanistic insights in a novel two-drug therapeutic intervention for p53 mutant pancreatic cancer**. Andrei Bakin. Roswell Park Comprehensive Cancer Center, Buffalo, NY, United States.

A083 **Oncogenic Kras signaling shapes the tumor microenvironment in lung adenocarcinoma**. Ivana Barravecchia. University of Michigan, Ann Arbor, MI, United States.

A084 **Photo Activation of Multi-Inhibitor Nanoliposomes: Impacting Cancer Therapy by overcoming challenges in drug delivery and treatment specificity**. Shazia Bano. Wellman Center for Photomedicine, Massachusetts General Hospital and Harvard Medical School, Boston, MA, United States.

A085 **First-in-class humanized antibody targeting alternatively spliced tissue factor augments anti-metastatic efficacy of chemotherapy in a preclinical model of pancreatic ductal adenocarcinoma**. Vladimir Bogdanov. College of Medicine, University of Cincinnati, Cincinnati, OH, United States.

A086 **TFEB protects pancreatic cancer cells against nucleolar stress**. Marie-Josee Boucher. University of Sherbrooke, Sherbrooke, QC, Canada.

A087 **Loss of KDM5A supports KRAS-driven pancreatic cancer**. Jasper Chen. The University of Texas MD Anderson Cancer Center, Houston, TX, United States.
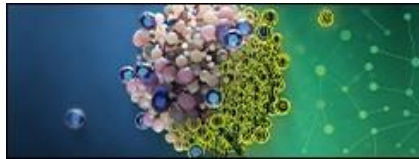
A088 **Radiopharmaceutical therapy for pancreatic cancer: Engineered anti-prostate stem cell antigen (PSCA) antibody demonstrates targeted imaging and antitumor effects in a syngeneic mouse model of pancreatic ductal adenocarcinoma (PDAC)**. Bao Ying Chen. City of Hope, duarte, CA, United States.

A089 **Quantitative MRI metrics and single cell transcriptome reveal effects of stroma-directed drug and chemotherapy in a GEM model of pancreatic cancer**. Hoon Choi. University of Pennsylvania, Philadelphia, PA, United States.

A090 **Eradication of PANC1 human PDAC cells in xenografts while targeting the protein NuMA**. Malka Cohen-Armon. Tel-Aviv University, Tel-Aviv, Israel.

A091 **The RAF/MEK clamp avutometinib as the backbone of therapy for pancreatic cancer: Novel combinations with standard of care chemotherapy, FAK inhibitors, KRAS G12D inhibitors and/or autophagy inhibitors**. Silvia Coma. Verastem Oncology, Needham, MA, United States.

A092 **Exploiting the neural-like properties of a new pancreatic cancer morpho-biotype for the development of a combinatorial treatment targeting tumor heterogeneity**. Giuseppe Diaferia. European Institute of Oncology, Milan, Italy.

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A093 **Deciphering Acquired Resistance to KRASG12D Inhibition in a Mouse Model of Pancreatic Ductal Adenocarcinoma**. Julien Dilly. Dana-Farber Cancer Institute, Boston, MA, United States.

A094 **LIN28B/HMGA2 axis accelerates PDA by promoting oncogenic protein synthesis**. Stephanie Dobersch. Fred Hutchinson Cancer Center, Seattle, WA, United States.

A095 **ZNF274 suppresses the mesenchymal state, thereby causing intrinsic resistance to CDK7 inhibition**. Jessica Gianopulos. Fred Hutchinson Cancer Center, Seattle, WA, United States.

A096 **PIKfyve as a potential therapeutic target in pancreatic cancer**. Shea Grenier. Sanford Burnham Prebys Medical Discovery Institute, La Jolla, CA, United States.

A098 **Quantitative MRI metrics capture pancreatic cancer and stroma responses to novel KRAS inhibitor**. Mamta Gupta. University of Pennsylvania, Philadelphia, PA, United States.

A099 **Utilising interactomics to uncover oncogenic KRAS signalling networks in the context of the tumour microenvironment**. Nasir Haider. Cancer Research UK Manchester Institute, Manchester, United Kingdom.

A100 **KRAS inhibition targets and depends on pro-oncogenic HuR in PDAC cells**. Hen Halamish. Oregon Health & Science University, portland, OR, United States.

A101 **Codon-specific KRAS mutations predict survival in advanced pancreatic cancer**. Marc Hilmi. Institut Curie, Saint-Cloud, France.

A102 **Secreted frizzled related-protein 2 is prognostic for survival in pancreatic cancer.** Lillian Hsu. Medical University of South Carolina, Charleston, SC, United States.
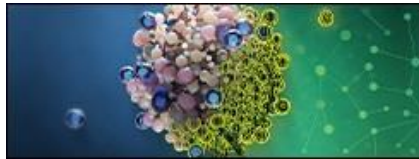
A103 **Developing small molecules to disrupt IL-17RB and MLK4 interaction for pancreatic cancer treatment**. Chun-Mei Hu. Academia Sinica, Taipei, Taiwan (Greater China).

A104 **Targeting RABL3 to disrupt KRAS trafficking and activity in pancreatic cancer**. Woo-Jeong Jeong. Brigham and Women's Hospital, Boston, United States.

A105 **Wild-type IDH1 inhibition enhances chemotherapy response in pancreatic cancer**. Mehrdad Zarei. Case Western Reserve University, Cleveland, OH, United States.

**Systems Biology, Big Data, and Metastasis**

A106 **Single cell RNA sequencing of EPCAM+ cells reveals unique malignant biology.** Edward Arbe-Barnes. University of Oxford, Oxford, United Kingdom.

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A107 **MAPK signaling is a conserved mechanism explaining phenotypic heterogeneity across diverse drivers of epithelial-mesenchymal transition in pancreas cancer**. Michelle Barbeau. The University of Virginia, Charlottesville, VA, United States.

A108 **Spatial transcriptomics of human pancreatic ductal adenocarcinoma reveals molecular alterations associated with venous invasion**. Alexander Bell. Johns Hopkins University School of Medicine, Baltimore, MD, United States.

A109 **Single-cell epigenomic analysis reveals an important role of the receptor kinase Ror2 in the erosion of cellular identity during pancreatic carcinogenesis**. Simone Benitz. Henry Ford Health System, Detroit, MI, United States.

A110 **Clec4f is expressed in a subset of primary PDAC cells and confers invasive behavior**. Bailey Bye. University of Kansas Medical Center, Kansas City, KS, United States.

A111 **Single-cell analysis identifies landscape alterations of cell populations between primary pancreatic tumor and liver metastasis**. Yang Chen. The University of Texas MD Anderson Cancer Center, Houston, TX, United States.

A112 **Liquid biopsy shows distinctive proteome of long-term recurrence free survivors after PDAC resection**. Teresa Colbatzky. Heidelberg University Hospital, Heidelberg, Germany.

A113 **Coexisting morpho-biotypes unveil the regulatory bases of phenotypic plasticity in pancreatic ductal adenocarcinoma**. Pierluigi Di Chiaro. European Institute of Oncology IRCCS, Milano, Italy.
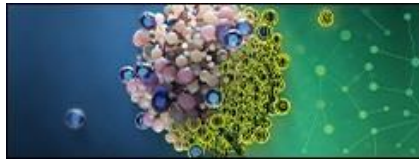
A114 **Low-dose carbon monoxide halts pancreatic cancer metastasis**. Nancy Du. Weill Cornell Medicine, New York, NY, United States.

A115 **Collective invasion facilitates liver metastasis in pancreatic ductal adenocarcinoma**. Jennifer Eng. Oregon Health and Science University, Portland, OR, United States.

A116 **A machine learning-derived transcriptomic-based biomarker identifies low grade pancreatic ductal adenocarcinoma tumors and may help in treatment decision making.** Daniel Fu. New Jersey Medical School, Rutgers University, Newark, NJ, United States.

A117 **Molecular stratification of therapeutic targets in pancreatic cancer**. Dennis Gong. Massachusetts Institute of Technology, Cambridge, MA, United States.

A118 **Chromatin accessibility profiling of human pancreatic tumors reveals epigenetic features of malignancy and rapid recurrence**. Kevin MacPherson. Oregon Health & Science University, Portland, OR, United States.

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**Poster Session B (To be presented on September 28 from 4:40-6:30 p.m. ET)**

**Clinical Updates (Including Trials in Progress)**

B001 **Impedance Based Biomarker for "smart ROSE" Pancreatic Cancer Detection: Initial Results from an Ongoing Clinical Trial with nsCanary**. Federica Dibennardo. NovaScan Inc., Chicago, IL, United States.

B002 **Phase I Study of Endoscopic Ultrasound (EUS)-guided NBTXR3 delivery activated by Radiotherapy (RT) for Locally Advanced or Borderline Resectable Pancreatic Cancer (LAPC or BRPC)**. Gabriela Fuentes. The University of Texas MD Anderson Cancer Center, Houston, TX, United States.

B003 **Advancing biomarker discovery using a novel window of opportunity (WOO) trial for pancreatic ductal adenocarcinoma: trial updates**. Jonathan Brody. Oregon Health and Science University, Portland, OR, United States.

B004 **EUS guided local administration of large surface area microparticle paclitaxel with neoadjuvant chemotherapy in locally advanced pancreatic cancer: A single center experience.** Harishankar Gopakumar. University of Illinois College of Medicine, Peoria, IL, United States.

B005 **A phase 1 expansion cohort study evaluating the safety and efficacy of the CHK1 inhibitor LY2880070 with low-dose gemcitabine in metastatic pancreatic adenocarcinoma**. Brandon Huffman. Dana-Farber Cancer Institute, Boston, MA, United States.
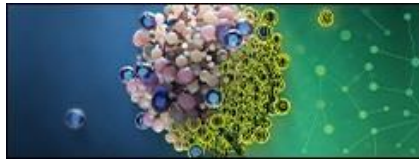
**Epidemiology and Early Detection**

B006 **Exosomal Protein Eps8 as a New Biomarker for Pancreatic Cancer**. Kazunao Hayashi. Niigata university, NIigata-city, Japan.

B007 **Early detection and risk stratification of pancreatic cancer using apolipoprotein A2-isoforms as a blood biomarker.** Kazufumi Honda. Nippon Medical School, Tokyo, Japan.

B008 **Secretome labeling identifies Gelsolin as a potential pro-tumorigenic PDAC biomarker**. Jonathan Kastan. Cold Spring Harbor, Cold Spring Harbor, NY, United States.

B009 **Identifying of a novel diagnostic markers for pancreatic neuroendocrine tumors by proteomics with patient blood**. Eun-Young Koh. Department of Biochemistry and Molecular Biology, University of Ulsan College of Medicine, Asan Medical Center, Seoul, Korea, Republic of.

B010 **A comprehensive study of clinical features, prognostic factors and survival in patients with pancreatic solid pseudopapillary neoplasm under the 2019 WHO classification**. WenHao Luo. Peking Union Medical College Hospital, Beijing, China (Mainland).

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**B011 A Comprehensive Study of Cancer-Specific Survival in Patients with Pancreatic Signet Ring Cell Carcinoma: Analysis of 583 Cases from 2000 to 2019**. Wenhao Luo. Peking Union Medical College Hospital, Beijing, China (Mainland).

**B012 TP53 missense mutations and Keratin 17 are negative prognostic biomarkers in pancreatic ductal adenocarcinoma**. Carlos Mauricio Mejia Arbelaez. Yale School of Medicine-Department of Pathology, New Haven, CT, United States.

**Immunology and the Microenvironment**

**B013 Effect of aging on pancreatic cancer progression**. Deepika Bhullar. Sanford Burnham Prebys Medical Discovery Institute, San Diego, CA, United States.

**B014 Immuno-modulation of the tumor microenvironment of pancreatic adenocarcinoma following isotoxic high-dose stereotactic body radiotherapy (iHD-SBRT).** Christelle Bouchart. Institut Jules Bordet - HUB, Brussels, Belgium.

**B015 Toxin-producing bacterial therapy limits tumor growth in autochthonous mouse models of pancreatic ductal adenocarcinoma**. Amanda Decker-Farrell. Columbia University Irving Medical Center, New York, NY, United States.

**B016 Eosinophils alter metastatic spread in pancreatic cancer**. Megan Hoffman. Dana-Farber Cancer Institute, Boston, MA, United States.
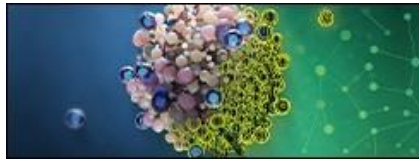
**B017 NINJA PDAC: A robust murine pancreatic cancer organoid transplant model with inducible neoantigens for studying tumor microenvironment interactions with anti-tumor T-cell immunity**. Jeremy Jacox. Yale University, New Haven, CT, United States.

**B018 Quantification of immune cell subtypes identified in the pancreatic tumor microenvironment using multiple immunostaining techniques and analysis of correlation between immune cells and patient survival rates**. Ji Hye Jeong. University of Ulsan College of Medicine, Asan Medical Center, Seoul, Korea, Republic of.

**B019 Tumor-derived PTHrP molds an immunosuppressive microenvironment**. Calvin Johnson. UMass Chan Medical School, Worcester, MA, United States.

**B020 Charting the cellular heterogeneity of primary and metastatic PDAC microenvironment.** Claus Jorgensen. Cancer Research UK Manchester Institute, Manchester, United Kingdom.

**B021 Clonal heterogeneity in human pancreatic adenocarcinoma and its contribution to therapeutic resistance**. Despoina Kalfakakou. New York University Grossman School of Medicine, New York, NY, United States.

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**B022** **A platform to characterize hepatic immunity reveals variation in hepatic infiltration of tumor expanded T cells in "localized" PDAC**. Elishama Kanu. Duke University Medical Center, Durham, NC, United States.

**B023** **Hypoxia supports CAF-mediated epithelial-mesenchymal transition in pancreatic ductal adenocarcinoma**. Karl Kowalewski. University of Virginia, Charlottesville, VA, United States.

**B024** **Hypoxia at 3D organoid establishment selects essential subclone within heterogenous pancreatic cancer.** Koichiro Kumano. Department of Gastrointestinal and Hepato-Biliary-Pancreatic Surgery, Faculty of Medicine, University of Tsukuba, Tsukuba, Ibaraki, Japan.

**B025** **IL-1 blockade prevents cardiac toxicity and improves immunotherapy efficacy in mouse models of pancreatic cancer**. Heena Kumra. Massachusetts General Hospital/Harvard Medical School, Boston, MA, United States.

**B026** **αvβ5 integrin serves as a tumor-specific marker for immunosuppressive regulatory T cells in pancreatic cancer**. Yuki Kunisada. Department of Surgery, Columbia University College of Physicians and Surgeons, New York, NY, United States.

**B028** **Fibroblast PIN1 regulates growth factor and metabolic crosstalk to impact a subset of pancreatic cancer cells**. Ellen Langer. Oregon Health & Science University, Portland, OR, United States.

**B029** **Serum Amyloid A proteins direct therapeutic resistance in pancreatic cancer**. Jesse Lee. University of Pennsylvania, Philadelphia, PA, United States.
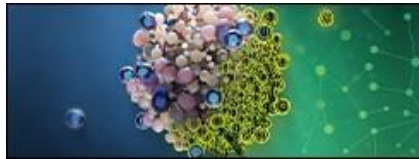
**B030** **Spatial Coupling of Microbes and Immune Cells Shapes the Tumor Microenvironment in Human Cancers**. Yan Li. University of Pennsylvania, Philadelphia, PA, United States.

**B031** **Targeting epigenetic machinery to revoke stromal pro-tumorigenicity and enhance efficacy in pancreatic cancer therapy**. Gaoyang Liang. Salk Institute for Biological Studies, La Jolla, CA, United States.

**B032** **Spatial proteomics and transcriptomics reveal early immune cell organization in human pancreatic intraepithelial neoplasia**. Melissa Lyman. Johns Hopkins University School of Medicine, Baltimore, MD, United States.

**B033** **Tumor cell-intrinsic mPGES-1-PGE2-EP4 signaling is a major immunosuppressive pathway in pancreatic cancer**. Nune Markosyan. University of Pennsylvania, Philadelphia, PA, United States.

**B034** **Antigen-presenting cancer-associated fibroblasts are found in immunotherapy-sensitive murine models of pancreatic ductal adenocarcinoma**. Saumya Maru. Sidney Kimmel Comprehensive Cancer Center, Johns Hopkins University, Baltimore, MD, United States.

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**B035 Investigating the roles of GLI transcription factors in the pancreatic cancer microenvironment.**
Paola Medina-Cabrera. University of Michigan, Ann Arbor, MI, United States.

**B036 Exploration of the Human Leukocyte Antigen immunopeptidome in pancreatic adenocarcinoma**.
William Miklavcic. University of Nebraska Medical Center, Omaha, NE, United States.

**B037 Anti-Fibrotic FAK 'priming' to improve contemporary chemotherapy in pancreatic cancer.**
Kendelle Murphy. Garvan Institute of Medical Research, Sydney, Australia.

**B039 Hypoxia promotes an inflammatory phenotype of fibroblasts in pancreatic cancer.** Tenzin
Ngodup. University of Michigan, Ann Arbor, MI, United States.

**B040 Neural control of cancer-associated fibroblasts in PDAC**. Jeremy Nigri. CSHL, Cold Spring Harbor,
NY, United States.

**B041 Keratin 17 excludes CD8-positive T cells and recruits CD163-positive macrophages in pancreatic
ductal adenocarcinoma**. Lyanne Oblein. Stony Brook University, Stony Brook, NY, United States.

**B042 Clinical and molecular characterization of Lynch syndrome-associated pancreas adenocarcinoma
(PDAC)**. Catherine O'Connor. Memorial Sloan Kettering Cancer Center, New York City, NY, United States.

**B043 Dual epigenetic therapy combined with anti-PD1 rescues HMA-induced suppressive myeloid
phenotype and reduces tumor growth in a PDAC model**. Arturo Orlacchio. NYU Grossman School of
Medicine, New York, NY, United States.

**B044 Targeting integrin alpha V beta 3 remodels the tumor microenvironment in pancreatic cancer.**
Mayrel Palestino Dominguez. National Institutes of Health, National Cancer Institute, Center for Cancer
Research, Laboratory of Molecular Biology., Bethesda, MD, United States.

**B045 Deep Genomic and Single Cell Molecular Profiles Define Immunogenic Pancreatic Cancer.** Wungki
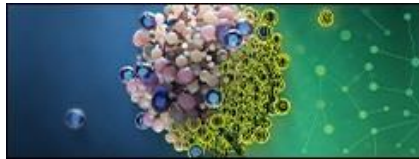Park. Memorial Sloan Kettering Cancer Center, New York, NY, United States.

**B047 53BP1 loss mediated PARP inhibitor resistance in BRCA1-deficient pancreatic cancer is overcome
with immune checkpoint blockade**. Jeffrey Patterson-Fortin. Dana-Farber Cancer Institute, Boston, MA,
United States.

**Metabolic Perturbations**

**B048 Targeting PPARG to block obesity-associated pancreatic cancer progression**. L. Paige Ferguson.
Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, United States.

**B049 Pancreatic beta cell stress pathways drive pancreatic ductal adenocarcinoma development in
obesity**. Cathy Garcia. Yale University, New Haven, CT, United States.

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B050 **Determining the Anti-Cancer Properties of a Ketogenic Diet Against Pancreatic Cancer**. Omid Hajihassani. CWRU, CLEVELAND, OH, United States.

B051 **Investigating lipid homeostasis in pancreatic ductal adenocarcinoma under tumor-like stress**. Xu Han. University of Pennsylvania, Philadelphia, PA, United States.

B052 **Defining the lysosome proteome during tumor evolution**. Grace Hernandez. University of California, San Francisco, San Francisco, CA, United States.

B053 **Physical Activity Regulates Targetable Transcriptomic Changes in the Adipose Tissue of Obese PDAC Mice**. Hsiang-Yin Hsueh. The Ohio State University, Columbus, OH, United States.

B054 **Investigating ER stress responses in pancreatic ductal adenocarcinoma under lipid imbalance**. Yanqing (Christine) Jiang. University of Pennsylvania, Philadelphia, PA, United States.

B055 **Hyperinsulinemia acts via acinar cell insulin receptors to drive obesity-associated pancreatic cancer initiation**. Janel Kopp. University of British Columbia, Vancouver, BC, Canada.

**Model Systems & Bioengineering**

B056 **Selective epithelial activation of KRAS G12D mutation drives ductal pancreatic neoplasia in pigs**. Carlos Jara. University of Nebraska Medical Center, Omaha, NE, United States.

B057 **An organoids-on-a-Chip model to recapitulate and dissect the tumor microenvironment of PDAC**. Lunan Liu. Tandon School of Engineering, New York University, Brooklyn, NY, United States.
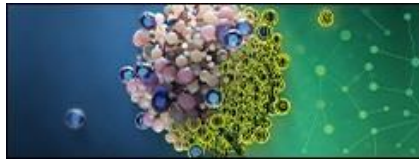
B058 **Mutant GNAS drives glycolytic dependency in intraductal papillary mucinous neoplasms of the pancreas.** Yuki Makino. Department of Translational Molecular Pathology, Sheikh Ahmed Center for Pancreatic Cancer Research, The University of Texas MD Anderson Cancer Center, Houston, TX, United States.

B059 **A novel pancreatic cancer mouse model with human immunity**. Norio Miyamura. Columbia University Irving Medical Center, New York, NY, United States.

B060 **Enhancing models of pancreatic cancer: Integrating patient-derived models with tissue engineering to investigate clinical responses to therapy**. Alexander Smith. Brenden-Colson Center for Pancreatic Care, Oregon Health and Sciences University, Portland, OR, United States.

B061 **Development of a pancreatic ductal adenocarcinoma 3D tumor model for high-throughput drug Screening**. Xiaoyu Song. University of Tsukuba, Tsukuba, Japan.

**Other**

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B062 **CRO67 has therapeutic potential against pancreatic tumor cells and cancer associated fibroblasts**. Keilah Garcia Netto. UNSW, Sydney, NSW, Australia.

B063 **The microbiota regulates PDAC progression by modulating acinar cell transcription through toll-like receptors**. Diane Hernandez. University of Utah, Salt Lake City, UT, United States.

B064 **Redefining phenotypic heterogeneity of pancreatic ductal adenocarcinoma: a bottom-up approach**. Marc Hilmi. Institut Curie, Paris, France.

B065 **Biomarker approach to define tumor subtype in pancreatic ductal adenocarcinoma**. Carson Ho. Stony Brook University, Stony Brook, NY, United States.

B066 **Keratin 17 and GATA6 Expression in Pancreatic Ductal Adenocarcinoma: A Subtyping Stratification Approach**. Michael Horowitz. Stony Brook University, Stony Brook, NY, United States.

B067 **Patient-specific differences in cancer-associated fibroblasts alter tumor organoid phenotype and chemosensitivity in pancreatic ductal adenocarcinoma**. Emilie Jaune-Pons. University of Western Ontario, London, ON, Canada.

B068 **Retrospective pilot study of a natural language processing model approach for earlier identification of patients with pancreas cancer**. Kristen John. Zucker School of Medicine, New Hyde Park, NY, United States.

B069 **Double-stranded RNA derived from tandem repeat sequences induces mesenchymal transition in pancreatic cancer cells by regulating alternative splicing.** Takahiro Kishikawa. The University of Tokyo, Tokyo, Japan.

B070 **Histone deacetylation inhibition promotes bi-directional subtype switch in pancreatic cancer**. Lukas Klein. University Medical Center Göttingen, Göttingen, Germany.
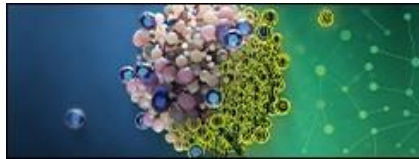
B071 **Tumor Treating Fields (TTFields) together with PARP inhibitors for treatment of pancreatic cancer cells**. Puru Lamichhane. Novocure Inc., New York, NY, United States.

B072 **SMAD4 loss allows progression from benign to malignant disease in intraductal papillary mucinous neoplasms**. Anna Means. Vanderbilt University Medical Center, Nashville, TN, United States.

B073 **Understanding treatment response in pancreatic cancer: NetraAI provides genetic differentiation in FOLFIRINOX and Gemcitabine response**. Joseph Geraci. NetraMark Corp, Toronto, ON, Canada.

B074 **Clinical inference of location and trajectory of pancreatic cancer from radiology reports using zero-shot LLM**. Travis Zack. University of California, San Francisco, San Francisco, CA, United States.

**RAS, Oncogene addiction, & Other Targeted Therapies**

B075 **Multiple types of actin filaments define the mechanobiology potential of pancreatic cancer tumours and one is required for cell survival**. Peter Gunning. UNSW, Sydney, NSW, Australia.

B076 **Development of Novel Gemcitabine-Modified miRNA Mimics For Pancreatic Ductal Adenocarcinoma**. Jingfang Ju. Stony Brook University, Stony Brook, NY, United States.

B077 **KRASG12D inhibitor MRTX1133 synergizes with the next generation nuclear transport protein inhibitor eltanexor resulting in enhanced antitumor activity against pancreatic ductal adenocarcinoma**. Husain Khan. Karmanos Cancer Institute, Wayne State University School of Medicine, Detroit, MI, United States.

B078 **A complex of NF1 and SPRED2 non-canonically behave as tumor promoters in pancreatic cancer**. Sun Kim. Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, United States.

B079 **Identification of synergistic drug combinations including MEK inhibitor and agents modulating the tumor microenvironment in an electroporation-induced pancreatic cancer model**. Aline Konrad. German Cancer Research Center, Heidelberg, Germany.

B080 **Mutant-selective KRASG12D (ON) inhibitor suppresses proliferation in vitro and tumor growth in vivoof KrasG12D GEMM-derived PDAC organoids**. Mark Labrecque. Revolution Medicines, Redwood City, CA, United States.

B081 **SOAT1 as a targetable KRAS dependency in PDAC**. Wenjun Lan. Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, United States.
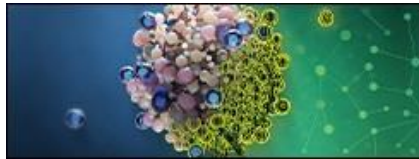
B082 **Extinction of oncogenic Kras in genetic mouse models eradicates pancreatic cancer by inducing Fas-dependent apoptosis by CD8+ T cells**. Valerie LeBleu. Baylor College of Medicine, Houston, TX, United States.

B083 **The use of liquid biopsy in patients with advanced pancreatic cancer (PDAC) to guide enrollment in phase I clinical trials**. Octave Letissier. Centre Eugène Marquis, Rennes, France.

B084 **Overcoming drug resistance of 'tri-complex' pan-RAS inhibitors: inhibition of mTOR signaling**. Qingxiang (Nick) Lin. MGH cancer center, Boston, MA, United States.

B085 **K17-induced pyrimidine biosynthesis drives chemoresistance in PDAC**. Yinghuan Lyu. Stony Brook University, Stony Brook, NY, United States.

B086 **KRASG12D specific inhibitor reprograms tumor microenvironment to prevent and reverse early neoplasms and combined with immunotherapy regresses advanced PDAC via FAS and CD8+T cells**. Krishnan Mahadevan. MD Anderson Cancer center, Houston, TX, United States.

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**B087 Mutant-p53 amplifies Cxcl1 expression from distal enhancers blunting immune checkpoint inhibition efficacy in pancreatic cancer**. Dig Mahat. MIT, Cambridge, MA, United States.

**B088 The Macropinosome: Uncovering the Molecular Anatomy of an Oncogene-driven Organelle**. Ambroise Manceau. Sanford Burnham Prebys Medical Discovery Institute, San Diego, CA, United States.

**B089 Oncogenic signaling and responses to treatment in RAS mutant cancers are mutation-specific**. Michelangelo Marasco. Memorial Sloan Kettering Cancer Center, New York, NY, United States.

**B090 Targeting the unfolded protein response enhances sensitivity to chemotherapy**. Mickenzie Martin. University of Western Ontario, London, ON, Canada.

**B091 The mammalian 8-oxodGTPase, MTH1, as a novel targetable vulnerability in pancreatic ductal adenocarcinoma**. Beatriz Mateo-Victoriano. University of Miami, Miami, FL, United States.

**B092 CDK8 and CXCL2 remodel the tumor microenvironment to contribute to KRASG12D small molecule inhibition resistance in pancreatic ductal adenocarcinoma**. Kathleen McAndrews. MD Anderson Cancer Center, Houston, TX, United States.

**B093 Alcoholic Chronic Inflammation Driven CREB Mediates Acinar-to-Ductal Reprogramming and Promote Neoplastic Progression**. Siddharth Mehra. University of Miami, Miami, FL, United States.

**B094 The role of paraspeckles and splicing regulation in driving basal-like pancreatic cancer**. Stephano Mello. University of Rochester, Rochester, NY, United States.
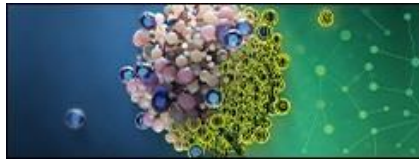
**B095 Leukemia inhibitory factor fosters tumor growth in KRAS-driven pancreatic ductal adenocarcinoma**. Lisa Miller-Phillips. Division of Hematology and Oncology, Department of Medicine and Helen Diller Family Comprehensive Cancer Center, University of California San Francisco, San Francisco, CA, USA, San Francisco, CA, United States.

**B096 Acquired resistance to KRAS inhibition modulates the pancreatic cancer tumor microenvironment**. Kevin Montecillo Gulay. University of California, San Diego, La Jolla, CA, United States.

**B097 Tomatidine inhibits ATF4 activity and induces ferroptosis to limit pancreatic cancer progression.** Debasmita Mukherjee. The Ohio State University, Columbus, OH, United States.

**B098 Oncogenic KRAS relies on β1 integrin expression to drive pancreatic neoplasia and PDAC development.** John Muschler. Oregon Health and Science University, Portland, OR, United States.

**B099 Aberrant glycosylation in pancreatic ductal adenocarcinoma 3D organoids is mediated by KRAS mutations**. Hiromitsu Nakahashi. University of Tsukuba, Tsukuba city, Japan.

B100 **Netrin-1/Neogenin-1 interaction modulates pancreatic innervation to promote tumorigenesis and accelerates cancer progression.** Yosuke Ochiai. Columbia University Medical Center, New York, NY, United States.

B101 **Tumor-selective inhibition of active RAS in pancreatic ductal adenocarcinoma**. Kenneth Olive. Columbia University, New York, NY, United States.

B102 **Development of covalent inhibitors targeting Ras Q61 hotspot mutants**. Julius Pampel. University of California San Francisco and Howard Hughes Medical Institute, San Francisco, CA, United States.

B103 **Development and characterisation of KRASmulti inhibitors for the treatment of KRAS mutant Pancreatic Ductal Adenocarcinoma**. Mark Pearson. Boehringer Ingelheim RCV GmbH Co KG, Oncology Research, Dr. Boehringer-Gasse 5-11, 1121, Vienna, Austria.

B104 **Epigenetic small molecule library screen to discover compounds that inhibit and reverse pancreatic acinar to ductal metaplasia**. Corey Perkins. University of Florida, Gainesville, FL, United States.

**Systems Biology, Big Data, and Metastasis**

B105 **Delta CT-Radiomics Derived Response Prediction in Advanced Pancreatic Ductal Adenocarcinoma**. Felix Harder. Lunenfeld-Tanenbaum Research Institute, Sinai Health System, 600 University Avenue, M5G 1X5, Toronto, ON, Canada, Toronto, Canada.
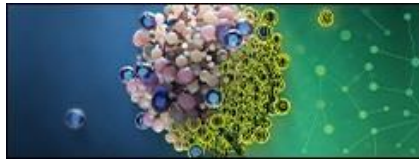
B106 **Spatially-constrained optimal transport interaction analysis reveals therapy-associated remodeling in the pancreatic cancer microenvironment**. Dennis Gong. Massachusetts General Hospital, Boston, MA, United States.

B107 **Spatial transcriptomics analysis of PanIN reveals loss of pro-inflammatory signaling and the presence of cancer-associated fibroblasts**. Luciane Kagohara. Johns Hopkins University, Baltimore, MD, United States.

B108 **Integrated in vivo dissection of metastatic phenotypes and molecular programs in pancreatic ductal adenocarcinoma**. Saswati Karmakar. Stanford University, Stanford, CA, United States.

B109 **Reinforcing risk prediction for intraductal papillary mucinous neoplasms of the pancreas with AI-optimized nucleotide-to-amino acid analyses**. Aleksandra Karolak. Moffitt Cancer Center, Tampa, FL, United States.

B110 **Molecular subtypes from endoscopy ultrasound-guided biopsy samples collected at initial diagnosis predict therapeutic response to neoadjuvant chemotherapy in pancreatic cancer.** Woohyung Lee. Asan medical center, Seoul, Korea, Republic of.

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**B111 Developing prognostic signatures (ep-Sigs) through epigenetic predictive markers in pancreatic ductal adenocarcinoma (PDA) – a pilot study based on The Cancer Genome Atlas (TCGA) data.** Ashish Manne. The Ohio State University, Columbus, OH, United States.

**B112 Single-cell profiling of neoplastic cell populations in a KRAS-initiated zebrafish pancreatic cancer model**. Somer Matar. Dartmouth College, Hanover, NH, United States.
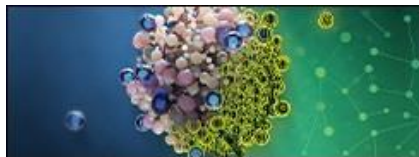
**B113 Characterization of the epigenomic landscape of the human pancreas and early pancreatic neoplastic lesions.** Jamie Mills. University of Michigan, Ann Arbor, MI, United States.

**B114 Mutational "lineage traces" of an acinar cell-of-origin in human pancreatic ductal adenocarcinoma**. Charles Murtaugh. University of Utah, Salt Lake City, UT, United States.

**B115 Single-cell transcriptomic analysis reveals both shared and separate functions for GATA6 and KRT17 in pancreatic cancer**. Brian Nelson. Stony Brook University, Stony Brook, NY, United States.

**B116 Dissecting Regulatory Networks of Pancreatic Cancer Development**. Oren Parnas. The Hebrew University of Jerusalem, Jerusalem, Israel.

**B117 Clonal evolutionary study reveals diverse patterns of progression of IPMN malignant transformation.** Antonio Pea. University of Verona, Verona, Italy.

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**Poster Session C (To be presented on September 29 from 4:40-6:30 p.m. ET)**

**Clinical Updates (Including Trials in Progress)**

C001 **A pilot study of palliadelic treatment with psilocybin to reduce psychological distress and improve quality of life in patients with advanced pancreatic adenocarcinoma**. Kelsey Klute. University of Nebraska Medical Center, Omaha, NE, United States.

C002 **Interleukin-1 receptor accessory protein (IL1RAP) overexpression is associated with worse prognosis in PDAC and is targetable by nadunolimab**. David Liberg. Cantargia AB, Lund, Sweden.

C003 **RAMP 205: A phase 1b/2a study of gemcitabine, nab-paclitaxel, avutometinib, and defactinib in untreated metastatic pancreatic ductal adenocarcinoma**. Kian Lim. Department of Medicine, Washington University in St. Louis, St. Louis, MO, United States.

C004 **Phase 1 Study of CM24 in Combination with Nivolumab in patients with Advanced Pancreatic Cancer - Survival, Potential Biomarker and Effect on Neutrophil Extracellular Traps (NETs)**. Hadas Reuveni. Purple Biotech, Rehovot, Israel.

C005 **A Phase 1b/2 trial of pepinemab and avelumab as second line immunotherapy for patients with chemotherapy refractory metastatic pancreatic adenocarcinoma**. Luis Ruffolo. University of Rochester Medical Center, Rochester, NY, United States.

**Epidemiology and Early Detection**

C006 **Combining the methylation and gene expression contiguous signals leads to better pancreatic cancer patient stratification and early detection**. Kristi Kruusmaa. UniversalDx d.o.o., Ljubljana, Slovenia.
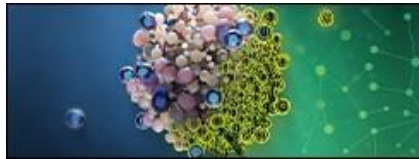
C007 **Bile Microbiome Signatures as Biomarkers for Differentiating Pancreatic Ductal Adenocarcinoma from Benign Disease: Discovery of novel microbial signatures in a UK pilot study.** Nabeel Merali. University of Surrey, Guidlford, United Kingdom.

C008 **MUC16 expression in pancreatic ductal adenocarcinoma patient samples after neoadjuvant chemotherapy**. Kathryn Muilenburg. University of Nebraska Medical Center, Omaha, NE, United States.

C010 **Identification of a panel of miRNAs as biomarkers for early-stage detection of pancreatic cancer: a randomized cohort study**. Gary Xiao. Dalian University Of Technology, Dalian, China (Mainland).

C011 **Detection of circulating tumor cells for the early detection of pancreatic cancer**. Dannel Yeo. Centenary Institute, Sydney, Australia.

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C012 **TIGIT expression correlates to worse overall survival in primary and metastatic pancreatic ductal adenocarcinoma**. Madison George. Henry Ford Health, Detroit, MI, United States.

C013 **Analysis of tumor immune microenvironment and clinical outcomes in undifferentiated pancreatic carcinomas with and without osteoclast-like giant cells**. Jamie Mills. University of Michigan, Ann Arbor, MI, United States.

C014 **CXCR4 inhibition enhances anti-tumor immune response in an ex vivo autologous patient-derived organoids and PBMC model system of pancreatic ductal adenocarcinoma.** Ilenia Pellicciotta. COLUMBIA UNIVERSITY, NEW YORK, NY, United States.

C015 **Clinically usable classification of cancer-associated fibroblast subtypes in pancreatic cancer**. Xianlu Peng. University of North Carolina at Chapel Hill, Chapel Hill, NC, United States.

C016 **Pre-existing T cell inflammation is a determinant of response to mesothelin chimeric antigen receptor T cell therapy in Pancreatic Ductal Adenocarcinoma**. Jacqueline Plesset. University of Pennsylvania, Philadelphia, PA, United States.

C017 **The anti-fungal itraconazole improves immunotherapy efficacy in pancreatic ductal adenocarcinoma by reversing the immune-suppressive tumour microenvironment**. Sean Porazinski. Garvan Institute of Medical Research, Sydney, NSW, Australia.

C018 **Spatial profiling of tumor associated cells expressing endoplasmic reticulum stress proteins predicts poor outcomes in pancreatic cancer patients**. Georgia Porter. Children's Cancer Institute, Sydney, NSW, Australia.

C019 **The circadian master regulator BMAL1 blocks immune cell recognition of pancreatic ductal adenocarcinomas by reducing proteasome activity and MHC1 cell surface localization**. Orjola Prela. University of Rochester, Rochester, NY, United States.
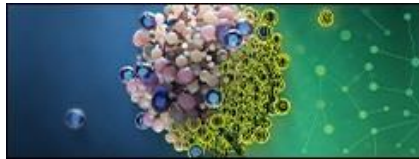
C020 **Unconvering the hidden immunosuppressive landscape in pancreatic ductal adenocarcinoma**. Guhan Qian. University of Minnesota, Minneapolis, United States.

C021 **Granulocytic MDSC-derived NLRP3 inflammasome activation is a novel regulator of inflammatory CAF skewness in pancreatic cancer**. Karthik Rajkumar. University of Miami, Miami, FL, United States.
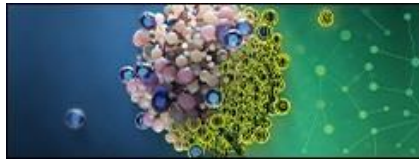
C022 **T cell movement through complex obstacles presented by the microenvironment of pancreatic tumor spheroids.** Shambojit Roy. University of Minnesota, Twin Cities, MINNEAPOLIS, MN, United States.

C023 **PTEN/STAT3 pathway in cancer-associated fibroblasts in Pancreatic Cancer**. Samaneh Saberi. Medical University of south Carolina, Charleston, SC, United States.

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C024 **Single-cell transcriptomics reveals unique stromal and metabolic heterogeneity in liver metastatic pancreatic cancer**. Rima Singh. University of California, Irvine, Irvine, CA, United States.

C025 **Fibroblast-specific IL1R1-p38 MAPK signaling sustains stromal inflammation and contributes to therapeutic resistance in pancreatic cancer**. Samara Singh. University of Miami, Miller School of Medicine, Miami, FL, United States.

C026 **Single-cell multi-omics in pancreatic cancer reveals differential immune evasion mechanisms between prognostic groups**. Shivan Sivakumar. University of Birmingham, Birmingham, United Kingdom.

C027 **Perioperative immune perturbations of the metastatic microenvironment in a murine PDAC orthotopic resection model**. Anthony Sorrentino. NYULMC, New York, NY, United States.

C028 **DKK3 in pancreatic cancer – elucidating the roles of a double-edged sword**. Dharini Srinivasan. Institute of Molecular Oncology and Stem cell biology, University medical center Ulm, Ulm, Germany.

C029 **Multiple non-redundant immune checkpoints direct therapeutic resistance to chemotherapy and anti-CSF1R in pancreatic ductal adenocarcinoma**. Meredith Stone. University of Pennsylvania, Philadelphia, PA, United States.

C030 **Serum levels and tumor tissue organization of decorin in pancreatic cancer: links to chemoresistance and disease aggressiveness.** Maja Svensson. Lund University, Lund, Sweden.

C031 **Differential growth of pancreatic ductal adenocarcinoma cells in Serum Amyloid A (SAA) deficient mouse model through immune modulation**. Yuki Takamuku. Beckman Research Institute of City of Hope, Duarte, CA, United States.

C032 **The involvement of the splanchnic program at the cellular and molecular levels in pancreatic cancer associated fibroblasts**. Tom Walter. College of Charleston, Charleston, SC, United States.

C033 **The circadian rhythm gene Dec2 promotes pancreatic cancer dormancy by facilitating immune evasion**. Lan Wang. University of Rochester Medical Center, Rochester, NY, United States.

C034 **Genome-wide CRISPR screen identifies novel immunotherapeutic targets in pancreatic cancer**. Xiaofei Wang. University of Texas MD Anderson Cancer Center, Houston, TX, United States.

C035 **Enhanced cytokine signaling and ferroptosis defense interplay promotes obesity-associated pancreatic ductal adenocarcinoma**. Chengcheng Wang. Peking Union Medical College Hospital, Peking Union Medical College, Chinese Academy of Medical Sciences, Beijing, China (Mainland).

C036 **Restoration of T effector cells function by targeting senescent cancer-associated fibroblast in tumor microenvironment of stroma-rich cancers**. Yao Wang. UCSF, San Francisco, CA, United States.

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**C037 Cancer-associated endocrine cell: A novel component of tumor microenvironment in pancreatic cancer**. Chengcheng Wang. Peking Union Medical College Hospital, Peking Union Medical College, Chinese Academy of Medical Sciences, Beijing, China (Mainland).

**C038 Interim pharmacodynamic analyses of mitazalimab in combination with FOLFIRINOX in first-line metastatic pancreatic ductal adenocarcinoma (mPDAC) identify CD4 effector T cells as a correlate of treatment outcomes**. Max Wattenberg. University of Pennsylvania, Philadelphia, PA, United States.

**C039 Disruption of ADAM17-dependent cellular crosstalk inhibits tumor progression of pancreatic ductal adenocarcinoma**. Hui-Ju Wen. Henry Ford Pancreatic Cancer Center, Detroit, MI, United States.

**C040 Investigating oncogene-inflammation cooperativity in pancreatic cancer**. Katharina Woess. Institute for Research in Biomedicine (IRB Barcelona), The Barcelona Institute of Science and Technology (BIST), Barcelona, Spain.

**C041 Oncostatin-M and Transforming Growth Factor-beta promote loss of PTEN in PDAC Cancer Associated Fibroblasts**. Ivo Woogeng. Medical University of South Carolina (MUSC), Charleston, SC, United States.

**C042 Discovery of a core inflammatory gene network associated with poor prognosis and characterized immune infiltration pattern in pancreatic ductal adenocarcinoma**. Liu Yang. Shum Yiu Foon Shum Bik Chuen Memorial Centre for Cancer and Inflammation Research, School of Chinese Medicine, Hong Kong Baptist University, Hong Kong, SAR, China; Institute of Precision Medicine and Innovative Drug Discovery (PMID), School of Chinese Med, HongKong, Hong Kong (Greater China).
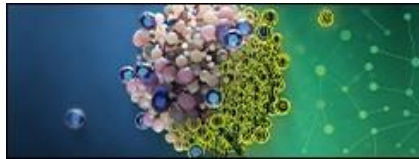
**C043 Spatial Proteomic Immune Profiling of Pancreatic Ductal Adenocarcinoma and the Tumor Microenvironment**. Jason Yeung. Center for Virology and Vaccine Research, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA, United States.

**C044 Macropinocytic stress reprograms cancer-associated fibroblasts and enhances therapeutic responses in pancreatic cancer**. Yijuan Zhang. Sanford Burnham Prebys Medical Discovery Institute, San Diego, CA, United States.

**C045 Multiplex fluorescent immunohistochemistry reveals immune microenvironment alterations in COMPASS-like complex gene mutated pancreatic cancer**. Shungang Zhang. University of Michigan, Ann Arbor, MI, United States.

**C046 Enhancing T cell Infiltration and Migration in the Pancreatic Tumor Microenvironment**. Hongrong Zhang. University of Minnesota, Minneapolis, MN, United States.

**Metabolic Perturbations**

**C047 Improving the efficacy of dual ERK-MAPK and autophagy inhibition as a therapeutic strategy for pancreatic ductal adenocarcinoma**. Mallory Roach. University of North Carolina at Chapel Hill, Chapel Hill, NC, United States.

**C048 Obesity transforms the gut microbiome to invoke a cancer permissive state**. Christian Ruiz. Yale University, New Haven, CT, United States.

**C049 Loss of RNF43 creates an OXPHOS dependency in early pancreatic neoplasia**. Akiko Sagara. The University of Texas MD Anderson Cancer Center, Houston, TX, United States.

**C050 The Unique Metabolic Signatures of Keratin-17 Expressing Pancreatic Ductal Adenocarcinomas**. Mahmoud Salem. Stony Brook, brooklyn, NY, United States.

**C051 CYP3A5 regulates glucose metabolism through 4EBP1-TXNIP-GLUT1 axis in pancreatic cancer**. Ming Shao. St. Jude Children's Research Hospital, Memphis, TN, United States.

**C052 Ketogenic diet enhanced nutrient metabolic pathways but did not inhibit tumor growth in an obesity-associated PDAC mouse model**. Ericka Velez-Bonet. The Ohio State University, Columbus, OH, United States.

**C053 Autophagy regulates MAT2A in response to hypoxia in pancreatic cancer cells**. Yang Yang. University of California, San Francisco, San Francisco, CA, United States.

**C054 Topographical investigation of metabolites in excised squares (TIMES2): Mapping in vivo of metabolic heterogeneity in pancreatic tumors**. Peter Yu. NYU Grossman School of Medicine, New York, NY, United States.
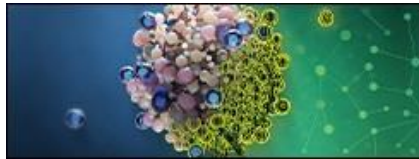
**Model Systems & Bioengineering**

**C055 Activation of oncogenes within Tff2 expressing cells of the pancreatic ductal glands results in increased lineage stemness preceding tumorigenesis: Insights from an inducible mouse model and derived organoids.** Kyle McAndrews. University of Nebraska Medical Center, Omaha, NE, United States.

**C057 Delineating tissue-specific oncogene selection with autochthonous CRISPR activation screening**. Fredrik Thege. UT MD Anderson Cancer Center, Houston, TX, United States.

**C058 Identifying cell-intrinsic drivers of transcriptional plasticity in pancreatic cancer**. Yuzhou Evelyn Tong. Massachusetts Institute of Technology, Cambridge, MA, United States.

**C059 Hub gene analysis identifies CAD as a potential mediator for drug resistance in pancreatic cancer**. Foram Vyas. University of Toronto, Toronto, ON, Canada.

**C060 Characterization of a collection of patient-derived xenograft models for pancreatic ductal adenocarcinoma translational research**. Mariana Yáñez. Vall d´Hebron Institute of Oncology (VHIO), Barcelona, Spain.

**Other**

**C061 Therapeutic profiling, patient response prediction, and tumor evolution in pancreatic cancer organoids**. Johann Gout. Institute for Molecular Oncology and Stem Cell Biology, Ulm, Germany.

**C062 Lipocalin 2 slows myoblast growth and contributes to pancreatic cancer-associated muscle wasting**. Kristyn Gumpper-Fedus. The Ohio State University Wexner Medical Center, Columbus, OH, United States.

**C063 Keratin 17 as a predictor of chemotherapy response in pancreatic ductal adenocarcinoma**. Lyanne Oblein. Stony Brook University, Stony Brook, NY, United States.

**C064 Chronic platinum exposure induces cell-intrinsic type1 interferon/STING pathway activation in homologous recombination-deficient pancreatic cancer to drive sensitivity to checkpoint immunotherapy**. Ifeanyichukwu Ogobuiro. University of Miami, Sylvester Comprehensive Cancer Center, Miami, FL, United States.

**C065 Base Excision Repair Pathway Regulates Transcription-Replication Conflicts in Pancreatic Ductal Adenocarcinoma**. Mustafa Raoof. City of Hope Cancer Center, Duarte, CA, United States.
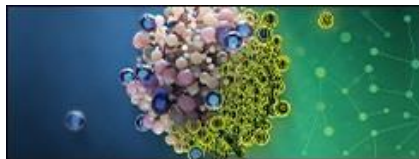
**C066 Metaplastic tuft cells transdifferentiate into metaplastic neuroendocrine cells as pancreatic cancer progresses into late stage carcinoma**. Daniel Salas-Escabillas. University of Michigan/Henry Ford Pancreatic Cancer Center, Ann Arbor, MI, United States.

**C067 Correlation of Keratin17 Expression with Tumor Cell Proliferation and Invasion in PDAC**. Shayan Sarkar. Stony Brook University, Stony Brook, NY, United States.

**C068 Construction of preclinical study model for optimal anticancer drug selection using PDX model in pancreatic cancer.** Ryota Tanaka. Osaka Metropolitan University Graduate School of Medicine, Osaka, Japan.

**C069 Energy decomposition and waterswapping analysis to investigate the SNP associated DPD mediated 5-FU resistance**. Himanshu Verma. Punjabi University, Patiala, India.

**C070 Management of resectable pancreatic adenocarcinoma: Results from a Data-Driven Approach across University of California System**. Travis Zack. University of California, San Francisco, San Francisco, CA, United States.

**C071 Radiomics of pre-operative CT scans capture biologic processes within the liver in patients undergoing pancreatectomy.** Constantinos Zambririnis. Rutgers Cancer Institute of New Jersey, New Brunswick, NJ, United States.

**C072 Andrographolide exhibits anti-cancer activity via restoring DNMT3B-suppressed ZNF382 expression in pancreatic cancer**. Kai-Ru Zhuang. Institute of Traditional Medicine, National Yang Ming Chiao Tung University, Taipei, Taiwan (Greater China).

### RAS, Oncogene Addiction, & Other Targeted Therapies

**C073 Down-regulation of ROCK increases the chemo-sensitivity and inhibits the progression of pancreatic cancer cells**. Wenhao Luo. Peking Union Medical College Hospital, Beijing, China (Mainland).

**C074 Clinico-genomic characterization of N=2,460 pancreatic adenocarcinoma identifies KRASMUT dosage as prognostic of overall survival across disease stages**. Maria Perry. Memorial Sloan Kettering Cancer Center, Department of Pathology and Laboratory Medicine, New York, NY, United States.

**C075 Altered RNA splicing causes pancreatic cancer and exposes a therapeutic vulnerability.** Natasha Pinto Medici. Yale University, New Haven, CT, United States.

**C076 New insights into the role of FOXA1- HNF4 axis in Pancreatic Cancer**. Shalini Rao. Cancer Research UK Cambridge Institute, University of Cambridge, Cambridge, United Kingdom.
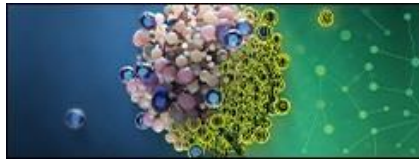
**C077 Elucidation and exploitation of critical nutrient scavenging regulation in ERK MAPK inhibited pancreatic cancer**. Ryan Robb. University of North Carolina at Chapel Hill, Chapel Hill, NC, United States.

**C078 Inhibiting the autophagy-lysosomal pathway in pancreatic ductal adenocarcinoma using novel small molecules**. Yangjingyi Ruan. Weill Cornell Medicine/ Memorial Sloan Kettering Cancer Center, New York, NY, United States.

**C079 Targeting cancer stem cell OXPHOS with tailored ruthenium complexes as a new approach to treat pancreatic cancer**. Bruno Sainz. Department of Biochemistry, Autónoma University of Madrid, School of Medicine, Instituto de Investigaciones Biomédicas (IIBm) "Alberto Sols" CSIC-UAM, Chronic Diseases and Cancer, Area 3, Instituto Ramón y Cajal de Investigación Sanitaria (IRYCIS), Madrid, United States.

**C080 Decoding the MYC-PDAC nexus: unveiling the impact of PP2A-C subunit methylation on tumor onset and advancement**. Vidhi Shah. Brenden-Colson Center for Pancreatic Care, Oregon Health and Science University, Portland, OR 97201, OR, United States.

**C081 The lysine demethylase KDM4C is an oncogenic driver in pancreatic ductal adenocarcinoma**. Menna-t-Allah Shaheen. MD Anderson Cancer Center, Houston, TX, United States.

C082 **Decoding the KRAS-Dependent Proteome through the Ribosomal Lens**. Kamini Singh. Albert Einstein College of Medicine, Bronx, NY, United States.

C083 **SMNDC1 alters the splicing of ERK to potentiate its activity in pancreatic cancer**. Md Afjalus Siraj. Yale University, New Haven, CT, United States.

C084 **iExplore: A phase I study of mesenchymal stem cell derived exosomes with KrasG12D siRNA for metastatic pancreas cancer patients harboring the KrasG12D mutation**. Brandon Smaglo. MD Anderson Cancer Center, Houston, TX, United States.

C085 **Conquering Undruggable and Incurable Human Pancreatic Cancer by Attacking its Achilles' Heel, SIAH Proteolysis – A Major Tumor Vulnerability and the Key Signaling Gatekeeper in the Oncogenic EGFR/K-RAS Pathway**. Amy Tang. Eastern Virginia Medical School, Leroy T. Canoles Jr. Cancer Center, Norfolk, VA, United States.

C086 **Investigating Resistance to RAS Therapies in PDAC Models**. Hsiu-Chi Ting. Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, United States.

C087 **Window-of-opportunity trial of metastatic pancreatic cancer reveals mechanisms of response to targeting RAS signaling**. Motoyuki Tsuda. Oregon health & Science University, portland, OR, United States.

C088 **Preclinical synergistic combination therapy of lurbinectedin with irinotecan and 5-fluorouracil in pancreatic cancer**. Tej Tummala. Legorreta Cancer Center at Brown University, Providence, RI, United States.
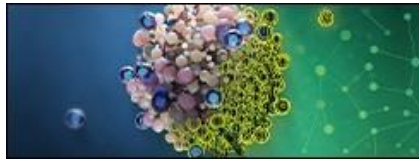
C089 **A novel role of p53 in pancreatic acinar cell identity**. Jennifer Twardowski. University of Rochester Medical Center, Rochester, NY, United States.

C090 **Elucidation of misp53-driven subtype specification and functions in pancreatic cancer**. Laura Urbach. Department of Gastroenterology, Gastrointestinal Oncology & Endocrinology, University Medical Center Göttingen, Göttingen, Germany.

C091 **Harnessing proteostatic vulnerabilities in pancreatic cancer**. Sandra Vogt. NYU Grossman School of Medicine, New York, NY, United States.

C092 **T cell responses and clinical outcomes in pancreatic and colorectal cancer patients with Minimal Residual Disease in AMPLIFY-201, a phase 1 trial of a first-in-class amphiphile lymph node targeted mutant KRAS vaccine**. Eileen O'Reilly. Memorial Sloan Kettering Cancer Center, New York, NY, United States.

C093 **Dysregulated Spliceosomal Components Promote Pancreatic Cancer Progression**. Ledong Wan. Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, United States.

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**C094 Tff2 defines pancreatic TA progenitors that are protective against Kras-driven carcinogenesis**.
Feijing Wu. Columbia University, New York, NY, United States.

**C095 KRAS mutation subtypes are associated with clinical and phenotypic differences in pancreatic ductal adenocarcinoma**. Alexander Xiao. Mayo Clinic, Rochester, MN, United States.

**C096 Targeting Syndecan1 to overcome acquired resistant to KRAS inhibitor in gastrointestinal cancer**.
Wantong Yao. The University of Texas MD Anderson Cancer Center, Houston, TX, United States.

**C097 KRASG12C exhibits allele-specific biology in pancreatic cancer and targeting CD24 sensitizes KRASG12C-driven tumors to Sotorasib treatment**. Haoqiang Ying. University of Texas MD Anderson Cancer Center, Houston, TX, United States.

**C098 Impact of KRAS Mutations and Co-mutations on Clinical Outcomes in Pancreatic Ductal Adenocarcinoma**. Abdelrahman Yousef. The University of Texas MD Anderson Cancer Center, Houston, TX, United States.

**C099 Mutant-selective, covalent inhibitors of K-Ras(G12D)**. Qinheng Zheng. UCSF, San Francisco, CA, United States.

**C100 Novel functions of ATF4 in early stages of pancreatic cancer tumorigenesis**. Leah Ziolkowski. University of Chicago, Chicago, IL, United States.
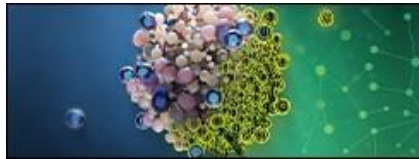
**Systems Biology, Big Data, and Metastasis**

**C101 Calcium signaling rewiring activates epithelial-to-mesenchymal transition**. Jessica Peura. University of Massachusetts Medical School, Worcester, MA, United States.

**C102 Investigating rapid metastatic recurrence of pancreatic cancer after resection in a novel, immune-competent, Myc-dependent murine model.** Jackie Phipps. Oregon Health & Science University, Portland, OR, United States.

**C103 Differential acquisition of extracellular lipid correlates with pancreatic cancer subtype and metastatic tropism**. Gilles Rademaker. University California San Francisco, San Francisco, CA, United States.

**C104 Dual primary pancreas cancers – Related or independent lesions?**. Joshua Schoenfeld. MSKCC, NY, NY, United States.

**C105 Functional Dissection of the Basal Cell State in Pancreatic Cancer**. Anupriya Singhal. Memorial Sloan Kettering Cancer Center, New York, NY, United States.

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C106 **IMPACT restrains immuno-metabolic GCN1 signaling to govern pancreatic cancer metastasis**. Surajit Sinha. National Cancer Institute, NIH, Bethesda, MD, United States.

C107 **Use of spatial transcriptomics to identify molecular features associated with African American heritage in pancreatic cancer**. Nina Steele. Henry Ford Health+Michigan State University Health Sciences, Detroit, MI, United States.

C108 **Cancer cells co-evolve with retrotransposons to mitigate viral mimicry in pancreatic cancer**. Siyu Sun. Memorial Sloan Kettering Cancer Center, NEW YORK, NY, United States.

C109 **Nanostring-based subtyping of pancreatic ductal adenocarcinoma is strongly influenced by the stromal compartment**. James Topham. Pancreas Center BC, Vancouver, Canada.

C110 **Development of a new individualized prognostic and therapeutic AI pipeline for pancreatic cancer**. Ryan Carr. Brown University, Providence, RI, United States.

C111 **Whole genome bisulfite sequencing of human and mouse organoid models of PDAC progression identifies stage- and subtype-specific DNA methylation signatures**. Sarah Wang. University of California, Davis, Davis, CA, United States.

C112 **Cell-in-cell mediated entosis reveals a progressive mechanism in pancreatic cancer**. Chengcheng Wang. Peking Union Medical College Hospital, Peking Union Medical College, Chinese Academy of Medical Sciences, Beijing, China (Mainland).

C113 **The Mitochondrial Calcium Uniporter supports Epithelial to Mesenchymal Transition of Pancreatic Ductal Adenocarcinoma**. Jillian Weissenrieder. University of Pennsylvania, Philadelphia, PA, United States.

C114 **Engrailed-1 promotes pancreatic cancer metastasis**. Jihao Xu. University of California Davis, Davis, CA, United States.

C115 **Genomic evolution of pancreatic cancer at single-cell resolution**. Haochen Zhang. Memorial Sloan Kettering Cancer Center, New York, NY, United States.