

Prof. MURAT MERT ERKAN

Personal Information

Email: Mert.Erkan@acibadem.edu.tr

Web: <https://avesis.acibadem.edu.tr/Mert.Erkan>

International Researcher IDs

ORCID: 0000-0003-4379-0332

Publons / Web Of Science ResearcherID: GDJ-9142-2022

ScopusID: 8572626900

Yoksis Researcher ID: 214689

Education Information

Post Doctorate, Technische Universitaet München, Germany 2007 - 2010

Doctorate, Universitaet Heidelberg, Germany 2003 - 2007

Post Doctorate, Universitaet Heidelberg, Germany 2003 - 2007

Expertise In Medicine, Istanbul University, Istanbul Medical Faculty, Cerrahi Tıp Bilimleri Bölümü, Turkey 1995 - 2000

Undergraduate, Istanbul University, Istanbul Medical Faculty, Turkey 1991 - 1995

Foreign Languages

English, C2 Mastery

German, C2 Mastery

Certificates, Courses and Trainings

Health&Medicine, Endoscopy Training, Surgical Endoscopy Unit. Department of Surgery, Istanbul Faculty of Medicine, University of Istanbul, 2002

Dissertations

Doctorate, The influence of tumor modulated microenvironment on pancreatic cancer behavior, Universitaet Heidelberg, Dekanat der Medizinischen Fakultät Heidelberg, 2007

Expertise In Medicine, İyatrojenik biliyer yaralanma tanısıyla tedavi edilen hastaların retrospektif değerlendirilmesi, Istanbul University, Istanbul Medical Faculty, Cerrahi Tıp Bilimleri Bölümü, 2001

Research Areas

Surgery Medicine Sciences, General Surgery

Academic Titles / Tasks

Professor, Acibadem Mehmet Ali Aydinlar University, Vocational School Of Health Services, Operating Room Services, 2021 - Continues

Professor, Koc University, School Of Medicine, Department Of Surgical Medical Sciences, 2017 - 2021

Associate Professor, Koc University, School Of Medicine, 2014 - 2017

Researcher, Technische Universitaet München, Klinikum r.d.Isar, Technische Universität München, Department of Surgery, 2007 - 2010

Researcher, Universitaet Heidelberg, Department of Surgery, European Pancreatic Center, 2003 - 2007

Expert PhD, Istanbul University, Istanbul Medical Faculty, Cerrahi Tıp Bilimleri Bölümü, 1995 - 2000

Courses

Tumour Microenvironment of Solid Tumours 2, Doctorate, 2019 - 2020

Tumour Microenvironment, Doctorate, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Surgical outcomes of gallbladder cancer: the OMEGA retrospective, multicentre, international cohort study**
Balakrishnan A., Barmounakis P., Demiris N., Jah A., Spiers H. V., Talukder S., Martin J. L., Gibbs P., Harper S. J., Huguet E. L., et al.
eClinicalMedicine, vol.59, 2023 (SCI-Expanded)
- II. **Use and outcome of minimally invasive pancreatic surgery in the European E-MIPS registry**
van der Heijde N., Vissers F. L., Manzoni A., Zimmiti G., Balsells J., Berrevoet F., Bjornsson B., van den Boezem P., Boggi U., Bratlie S. O., et al.
HPB, vol.25, no.4, pp.400-408, 2023 (SCI-Expanded)
- III. **Clinical Outcomes After Total Pancreatectomy A Prospective Multicenter Pan-European Snapshot Study**
Latenstein A. E. J., Scholten L., Al-Saffar H. A., Bjornsson B., Butturini G., Capretti G., Chatzizacharias N. A., Dervenis C., Frigerio I., Gallagher T. K., et al.
ANNALS OF SURGERY, vol.276, no.5, 2022 (SCI-Expanded)
- IV. **Hepatic Cysts Reappraisal of the Classification, Terminology, Differential Diagnosis, and Clinicopathologic Characteristics in 258 Cases**
Armutlu A., Quigley B., Choi H., Basturk O., AKKAŞ AKGÜN G., Pehlivanoglu B., Memis B., Jang K., Erkan M. M., Erkan B., et al.
AMERICAN JOURNAL OF SURGICAL PATHOLOGY, vol.46, no.9, pp.1219-1233, 2022 (SCI-Expanded)
- V. **Analysis of genomic alterations in cancer associated human pancreatic stellate cells**
Boeker V., Haeussler J., Baumann J., Sunami Y., Trojanowicz B., Harwardt B., Hammje K., von Auw N., Erkan M. M., Krohn K., et al.
SCIENTIFIC REPORTS, no.1, 2022 (SCI-Expanded)
- VI. **Pancreatobiliary Maljunction-associated Gallbladder Cancer Is as Common in the West, Shows Distinct Clinicopathologic Characteristics and Offers an Invaluable Model for Anatomy-induced Reflux-associated Physio-chemical Carcinogenesis**
Muraki T., Pehlivanoglu B., Memis B., Reid M. D., Uehara T., Basturk O., Pernicka J. G., Klimstra D. S., Jarnagin W. R., Ito T., et al.
ANNALS OF SURGERY, vol.276, no.1, 2022 (SCI-Expanded)
- VII. **Infiltration pattern predicts metastasis and progression better than the T-stage and grade in pancreatic neuroendocrine tumors: a proposal for a novel infiltration-based morphologic grading**
Taskin O. C., Reid M. D., Bagci P., Balci S., Armutlu A., Demirtas D., PEHLİVANOĞLU B., Saka B., Memis B., BOZKURTAR E., et al.

MODERN PATHOLOGY, vol.35, no.6, pp.777-785, 2022 (SCI-Expanded)

- VIII. **Macrophages direct cancer cells through a LOXL2-mediated metastatic cascade in pancreatic ductal adenocarcinoma**
Alonso-Nocelo M., Ruiz-Canas L., Sancho P., Gorgulu K., Alcalá S., Pedrero C., Vallespinos M., Carlos Lopez-Gil J., Ochando M., García-García E., et al.
GUT, 2022 (SCI-Expanded)
- IX. **Bioengineered 3D models of human pancreatic cancer recapitulate in vivo tumour biology**
de la Pena D. O., Trabulo S. M. D., Collin E., Liu Y., Sharma S., Tatari M., Behrens D., Erkan M. M., Lawlor R. T., Scarpa A., et al.
NATURE COMMUNICATIONS, vol.12, no.1, 2021 (SCI-Expanded)
- X. **Cancer-Associated Fibroblasts in Pancreatic Ductal Adenocarcinoma Determine Response to SLC7A11 Inhibition**
Sharbeen G., McCarroll J. A., Akerman A., Kopecky C., Youkhana J., Kokkinos J., Holst J., Boyer C., Erkan M. M., Goldstein D., et al.
CANCER RESEARCH, vol.81, no.13, pp.3461-3479, 2021 (SCI-Expanded)
- XI. **Telomerase and Pluripotency Factors Jointly Regulate Stemness in Pancreatic Cancer Stem Cells**
Walter K., Rodríguez-Aznar E., Ferreira M. S. V., Frappart P., Dittrich T., Tiwary K., Meessen S., Lerma L., Daiss N., Schulte L., et al.
CANCERS, vol.13, no.13, 2021 (SCI-Expanded)
- XII. **Is elective cancer surgery feasible during the lock-down period of the COVID-19 pandemic? Analysis of a single institutional experience of 404 consecutive patients**
Kulle C. B., Azamat I. F., Vatansever D., Erus S., Tarim K., Akyoldas G., Gokler O., Deveci M. A., Cakar N., Ergonul O., et al.
JOURNAL OF SURGICAL ONCOLOGY, vol.123, no.7, pp.1495-1503, 2021 (SCI-Expanded)
- XIII. **Evaluation and Pathologic Classification of Choledochal Cysts Clinicopathologic Analysis of 84 Cases From the West**
Aydin Mericöz C., Hacıhasanoglu E., Muraki T., PEHLİVANOĞLU B., Memis B., Mittal P., Polito H., Saka B., Everett R., Sarmiento J., et al.
AMERICAN JOURNAL OF SURGICAL PATHOLOGY, vol.45, no.5, pp.627-637, 2021 (SCI-Expanded)
- XIV. **Histopathologic Infiltration Pattern Predicts Metastasis and Progression Better than pT-Stage and Grade in Well-Differentiated Pancreatic Neuroendocrine Tumors: A Proposal for an Infiltration-Based Morphologic Grading System**
Taskin O., Reid M., Culci P. B., Balci S., Armutlu A., Demirtas D., PEHLİVANOĞLU B., Saka B., Memis B., BOZKURLAR E., et al.
MODERN PATHOLOGY, no.SUPPL 2, pp.1058-1060, 2021 (SCI-Expanded)
- XV. **Will the Real "Hepatobiliary Cystadenocarcinoma" Please Stand Up? True Malignancy is Exceedingly Rare in Cystic Liver Lesions; Implications for Pathologic Evaluation and Pre-Operative Decision Making**
Armutlu A., Quigley B., Choi H., Basturk O., Akkas G., PEHLİVANOĞLU B., Memis B., Jang K., Erkan M. M., Erkan B., et al.
LABORATORY INVESTIGATION, no.SUPPL 1, pp.959-961, 2021 (SCI-Expanded)
- XVI. **Will the Real "Hepatobiliary Cystadenocarcinoma" Please Stand Up? True Malignancy is Exceedingly Rare in Cystic Liver Lesions; Implications for Pathologic Evaluation and PreOperative Decision Making**
Armutlu A., Quigley B., Choi H., Basturk O., Akkas G., PEHLİVANOĞLU B., Memis B., Jang K., Erkan M. M., Erkan B., et al.
MODERN PATHOLOGY, no.SUPPL 2, pp.959-961, 2021 (SCI-Expanded)
- XVII. **Histopathologic Infiltration Pattern Predicts Metastasis and Progression Better than pT-Stage and Grade in Well-Differentiated Pancreatic Neuroendocrine Tumors: A Proposal for an Infiltration-Based Morphologic Grading System**
Taskin O., Reid M., Culci P. B., Balci S., Armutlu A., Demirtas D., PEHLİVANOĞLU B., Saka B., Memis B., BOZKURLAR

E., et al.

LABORATORY INVESTIGATION, no.SUPPL 1, pp.1058-1060, 2021 (SCI-Expanded)

- XVIII. **Complete tumor resection and demonstration of detailed anatomy of the porta hepatis in a patient with recurrent epithelial ovarian cancer**
Taskiran C., Vatansever D., Misirlioglu S., Giray B., Kumcular T., Arvas M., Erkan M. M.
INTERNATIONAL JOURNAL OF GYNECOLOGICAL CANCER, no.1, pp.148-149, 2021 (SCI-Expanded)
- XIX. **Frequency and clinicopathologic associations of DNA mismatch repair protein deficiency in ampullary carcinoma: Routine testing is indicated**
Xue Y., Balci S., Mericcoz C. A., Taskin O. C., Jiang H., PEHLİVANOĞLU B., Muraki T., Memis B., Saka B., Kim G. E., et al.
CANCER, vol.126, no.21, pp.4788-4799, 2020 (SCI-Expanded)
- XX. **GLI1/GLI2 functional interplay is required to control Hedgehog/GLI targets gene expression**
Tolosa E. J., Fernandez-Barrena M. G., Iguchi E., McCleary-Wheeler A. L., Carr R. M., Almada L. L., Flores L. F., Vera R. E., Alfonse G. W., Marks D. L., et al.
BIOCHEMICAL JOURNAL, vol.477, no.17, pp.3131-3145, 2020 (SCI-Expanded)
- XXI. **Gallbladder polyps: Correlation of size and clinicopathologic characteristics based on updated definitions**
Taskin O. C., Basturk O., Reid M. D., Dursun N., Bagci P., Saka B., Balci S., Memis B., Bellolio E., Araya J. C., et al.
PLOS ONE, vol.15, no.9, 2020 (SCI-Expanded)
- XXII. **Delivery of hepato-pancreato-biliary surgery during the COVID-19 pandemic: an European-African Hepato-Pancreato-Biliary Association (E-AHPBA) cross-sectional survey**
Balakrishnan A., Lesurtel M., Siriwardena A. K., Heinrich S., Serrablo A., Besselink M. G. H., Erkan M. M., Andersson B., Polak W. G., Laurenzi A., et al.
HPB, vol.22, no.8, pp.1128-1134, 2020 (SCI-Expanded)
- XXIII. **Pseudopterosin and O-Methyltylophorinidine Suppress Cell Growth in a 3D Spheroid Co-Culture Model of Pancreatic Ductal Adenocarcinoma**
Xie B., Haensel J., Mundorf V., Betz J., Reimche I., Erkan M. M., Buedeyri I., Gesell A., Kerr R. G., Ariantari N. P., et al.
BIOENGINEERING-BASEL, vol.7, no.2, pp.1-20, 2020 (SCI-Expanded)
- XXIV. **Pancreatic neuroendocrine neoplasms: current state and ongoing controversies on terminology, classification and prognostication**
Taskin O. C., Clarke C. N., Erkan M. M., Tsai S., Evans D. B., Adsay V.
JOURNAL OF GASTROINTESTINAL ONCOLOGY, no.3, pp.548-558, 2020 (SCI-Expanded)
- XXV. **International consensus guidelines for surgery and the timing of intervention in chronic pancreatitis**
Kempeneers M. A., Issa Y., Ali U. A., Baron R. D., Besselink M. G., Buechler M., Erkan M. M., Fernandez-Del Castillo C., Isaji S., Izbicki J., et al.
PANCREATOLOGY, vol.20, no.2, pp.149-157, 2020 (SCI-Expanded)
- XXVI. **Targeting nNOS ameliorates the severe neuropathic pain due to chronic pancreatitis**
Demir I. E., Heinrich T., Carty D. G., Saricaoglu O. C., Klauss S., Teller S., Kehl T., Reyes C. M., Tiefertunk E., Lazarou M., et al.
EBIOMEDICINE, vol.46, pp.431-443, 2019 (SCI-Expanded)
- XXVII. **Inter- and intra-tumoural heterogeneity in cancer-associated fibroblasts of human pancreatic ductal adenocarcinoma**
Neuzillet C., Tijeras-Raballand A., Ragulan C., Cros J., Patil Y., Martinet M., Erkan M. M., Kleeff J., Wilson J., Apte M., et al.
JOURNAL OF PATHOLOGY, vol.248, no.1, pp.51-65, 2019 (SCI-Expanded)
- XXVIII. **Engineering human stellate cells for beta cell replacement therapy promotes in vivo recruitment of regulatory T cells**
Oran D. C., Lokumcu T., Inceoglu Y., Akolpoglu M. B., Albayrak O., Bal T., Kurtoglu M., Erkan M. M., Can F., Bagci-Onder T., et al.
MATERIALS TODAY BIO, vol.2, 2019 (SCI-Expanded)
- XXIX. **Stromal heterogeneity in pancreatic cancer and chronic pancreatitis**
Haeberle L., Steiger K., Schlitter A. M., Safi S. A., Knoefel W. T., Erkan M. M., Esposito I.

PANCREATOLOGY, vol.18, no.5, pp.536-549, 2018 (SCI-Expanded)

- XXX. **Mutant KRAS-driven cancers depend on PTPN11/SHP2 phosphatase**
Ruess D. A., Heynen G. J., Ciecieski K. J., Ai J., Berninger A., Kabacaoglu D., Goerguelue K., Dantes Z., Woermann S. M., Diakopoulos K. N., et al.
NATURE MEDICINE, vol.24, no.7, pp.954-960, 2018 (SCI-Expanded)
- XXXI. **Dynamic landscape of pancreatic carcinogenesis reveals early molecular networks of malignancy**
Kong B., Bruns P., Behler N. A., Chang L., Schlitter A. M., Cao J., Gewies A., Ruland J., Fritzsche S., Valkovskaya N., et al.
GUT, vol.67, no.1, pp.146-156, 2018 (SCI-Expanded)
- XXXII. **Contemporary strategies to improve the outcome in locally advanced pancreatic cancer**
Schneider R., Spath C., Nitsche U., Erkan M. M., Kleeff J.
MINERVA CHIRURGICA, vol.72, no.5, pp.424-431, 2017 (SCI-Expanded)
- XXXIII. **Co-clinical Assessment of Tumor Cellularity in Pancreatic Cancer**
Heid I., Steiger K., Trajkovic-Arsic M., Settles M., Esswein M. R., Erkan M. M., Kleeff J., Jaeger C., Friess H., Haller B., et al.
CLINICAL CANCER RESEARCH, vol.23, no.6, pp.1461-1470, 2017 (SCI-Expanded)
- XXXIV. **Giant Celiac Artery Aneurysm Treated with a Flow-Diverting Multilayer Stent: Early Rupture as a Fatal Complication**
Coskun B., Rozanes I., Erkan M. M., Ates S., Akpek S.
JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY, vol.28, no.3, pp.468-470, 2017 (SCI-Expanded)
- XXXV. **Effect of preoperative biliary drainage on bacterial flora in bile of patients with periampullary cancer**
Scheufele F., Aichinger L., Jaeger C., Demir I. E., Schorn S., Sargut M., Erkan M. M., Kleeff J., Friess H., Ceyhan G. O.
BRITISH JOURNAL OF SURGERY, vol.104, no.2, 2017 (SCI-Expanded)
- XXXVI. **Pancreatic Premalignant Lesions Secrete Tissue Inhibitor of Metalloproteinases-1, Which Activates Hepatic Stellate Cells Via CD63 Signaling to Create a Premetastatic Niche in the Liver**
Gruenwald B., Harant V., Schaten S., Fruehschuetz M., Spallek R., Hoechst B., Stutzer K., Berchtold S., Erkan M. M., Prokopchuk O., et al.
GASTROENTEROLOGY, vol.151, no.5, pp.1011-1031, 2016 (SCI-Expanded)
- XXXVII. **Periostin and tumor-stroma interactions in non-small cell lung cancer**
Nitsche U., Stangel D., Pan Z., Schlitter A. M., Esposito I., Regel I., Raulefs S., Friess H., Kleeff J., Erkan M. M.
ONCOLOGY LETTERS, vol.12, no.5, pp.3804-3810, 2016 (SCI-Expanded)
- XXXVIII. **Activated leukocyte cell adhesion molecule regulates the interaction between pancreatic cancer cells and stellate cells**
Zhang W., Zhan S., Geng C., Sun X., Erkan M. M., Kleeff J., Xie X.
MOLECULAR MEDICINE REPORTS, vol.14, no.4, pp.3627-3633, 2016 (SCI-Expanded)
- XXXIX. **A subset of metastatic pancreatic ductal adenocarcinomas depends quantitatively on oncogenic Kras/Mek/Erk-induced hyperactive mTOR signalling**
Kong B., Wu W., Cheng T., Schlitter A. M., Qian C., Bruns P., Jian Z., Jaeger C., Regel I., Raulefs S., et al.
GUT, vol.65, no.4, pp.647-657, 2016 (SCI-Expanded)
- XL. **The role of hypoxia in pancreatic cancer: a potential therapeutic target?**
Erkan M. M., Kurtoglu M., Kleeff J.
EXPERT REVIEW OF GASTROENTEROLOGY & HEPATOLOGY, vol.10, no.3, pp.301-316, 2016 (SCI-Expanded)
- XLI. **Loss of Periostin Results in Impaired Regeneration and Pancreatic Atrophy after Cerulein-Induced Pancreatitis**
Hausmann S., Regel I., Steiger K., Wagner N., Thorwirth M., Schlitter A. M., Esposito I., Michalski C. W., Friess H., Kleeff J., et al.
AMERICAN JOURNAL OF PATHOLOGY, vol.186, no.1, pp.24-31, 2016 (SCI-Expanded)
- XLII. **Pancreas-specific activation of mTOR and loss of p53 induce tumors reminiscent of acinar cell carcinoma**
Kong B., Cheng T., Qian C., Wu W., Steiger K., Cao J., Schlitter A. M., Regel I., Raulefs S., Friess H., et al.
MOLECULAR CANCER, vol.14, 2015 (SCI-Expanded)

- XLIII. Resectability After First-Line FOLFIRINOX in Initially Unresectable Locally Advanced Pancreatic Cancer: A Single-Center Experience**
Nitsche U, Wenzel P, Siveke J. T., Braren R, Holzapfel K, Schlitter A. M., Stoess C, Kong B, Esposito I, Erkan M. M., et al.
ANNALS OF SURGICAL ONCOLOGY, vol.22, pp.1212-1220, 2015 (SCI-Expanded)
- XLIV. Microenvironmental hCAP-18/LL-37 promotes pancreatic ductal adenocarcinoma by activating its cancer stem cell compartment**
Sainz B, Alcala S, Garcia E, Sanchez-Ripoll Y, Azevedo M. M., Cioffi M., Tatari M, Miranda-Lorenzo I, Hidalgo M, Gomez-Lopez G., et al.
GUT, vol.64, no.12, pp.1921-1935, 2015 (SCI-Expanded)
- XLV. Combined inhibition of BET family proteins and histone deacetylases as a potential epigenetics-based therapy for pancreatic ductal adenocarcinoma**
Mazur P. K., Herner A, Mello S. S., Wirth M., Hausmann S, Sanchez-Rivera F. J., Lofgren S. M., Kuschma T, Hahn S. A., Vangala D., et al.
NATURE MEDICINE, vol.21, no.10, pp.1163-1171, 2015 (SCI-Expanded)
- XLVI. Volumetric gain of the human pancreas after left partial pancreatic resection: A CT-scan based retrospective study**
Phillip V., Zahel T, Danninger A, Erkan M. M., Dobritz M., Steiner J. M., Kleeff J, Schmid R. M., Alguel H.
PANCREATOLOGY, vol.15, no.5, pp.542-547, 2015 (SCI-Expanded)
- XLVII. Outcomes of resections for pancreatic adenocarcinoma with suspected venous involvement: a single center experience**
Michalski C. W., Kong B, Jaeger C., Kloe S, Beier B, Braren R, Esposito I, Erkan M. M., Friess H, Kleeff J.
BMC SURGERY, vol.15, 2015 (SCI-Expanded)
- XLVIII. Umbilical Microflora, Antiseptic Skin Preparation, and Surgical Site Infection in Abdominal Surgery**
Kleeff J, Erkan M. M., Jaeger C, Menacher M., Gebhardt F, Hartel M.
SURGICAL INFECTIONS, vol.16, no.4, pp.450-454, 2015 (SCI-Expanded)
- XLIX. Kif20a inhibition reduces migration and invasion of pancreatic cancer cells**
Stangel D, Erkan M. M., Buchholz M, Gress T, Michalski C, Raulefs S, Friess H, Kleeff J.
JOURNAL OF SURGICAL RESEARCH, vol.197, no.1, pp.91-100, 2015 (SCI-Expanded)
- L. Inhibition of CD47 Effectively Targets Pancreatic Cancer Stem Cells via Dual Mechanisms**
Cioffi M., Trabulo S, Hidalgo M, Costello E, Greenhalf W, Erkan M. M., Kleeff J, Sainz B, Heeschen C.
CLINICAL CANCER RESEARCH, vol.21, no.10, pp.2325-2337, 2015 (SCI-Expanded)
- LI. Strategies to improve the outcome in locally advanced pancreatic cancer**
Späth C., Nitsche U, Müller T, Michalski C, ERKAN M. M., Kong B, Kleeff J.
Minerva Chirurgica, vol.70, no.2, pp.97-106, 2015 (SCI-Expanded)
- LII. Impaired Autophagy Induces Chronic Atrophic Pancreatitis in Mice via Sex- and Nutrition-Dependent Processes**
Diakopoulos K. N., Lesina M, Woermann S, Song L, Aichler M, Schild L, Artati A, Roemisch-Margl W, Wartmann T, Fischer R., et al.
GASTROENTEROLOGY, vol.148, no.3, pp.626-655, 2015 (SCI-Expanded)
- LIII. beta III-Tubulin: A novel mediator of chemoresistance and metastases in pancreatic cancer**
McCarroll J. A., Sharbeen G, Liu J, Youkhana J, Goldstein D, McCarthy N, Limbri L. F., Dischl D, Ceyhan G, Erkan M. M., et al.
ONCOTARGET, vol.6, no.4, pp.2235-2249, 2015 (SCI-Expanded)
- LIV. A common genetic variation of melanoma inhibitory activity-2 labels a subtype of pancreatic adenocarcinoma with high endoplasmic reticulum stress levels**
Kong B, Wu W, Valkovska N, Jaeger C, Hong X, Nitsche U, Friess H, Esposito I, Erkan M. M., Kleeff J., et al.
SCIENTIFIC REPORTS, vol.5, 2015 (SCI-Expanded)
- LV. Collagen type V promotes the malignant phenotype of pancreatic ductal adenocarcinoma**
Berchtold S, Gruenwald B, Krueger A, Reithmeier A, Haehl T, Cheng T, Feuchtinger A, Born D, Erkan M. M., Kleeff J., et al.

CANCER LETTERS, vol.356, no.2, pp.721-732, 2015 (SCI-Expanded)

- LVI. **Hypoxia-induced endoplasmic reticulum stress characterizes a necrotic phenotype of pancreatic cancer**
Kong B., Cheng T., Wu W., Regel I., Raulefs S., Friess H., Erkan M. M., Esposito I., Kleeff J., Michalski C. W.
ONCOTARGET, vol.6, no.31, pp.32154-32160, 2015 (SCI-Expanded)
- LVII. **Intracellular autofluorescence: a biomarker for epithelial cancer stem cells**
Miranda-Lorenzo I., Dorado J., Lonardo E., Alcala S., Serrano A. G., Clausell-Tormos J., Cioffi M., Megias D., Zagorac S., Balic A., et al.
NATURE METHODS, vol.11, no.11, pp.1161-1169, 2014 (SCI-Expanded)
- LVIII. **Effect of gemcitabine and retinoic acid loaded PAMAM dendrimer-coated magnetic nanoparticles on pancreatic cancer and stellate cell lines**
Yalcin S., Erkan M. M., Unsoy G., Parsian M., Kleeff J., Gunduz U.
BIOMEDICINE & PHARMACOTHERAPY, vol.68, no.6, pp.737-743, 2014 (SCI-Expanded)
- LIX. **The role of inflammation in pancreatic cancer**
Hausmann S., Kong B., Michalski C., ERKAN M. M., Friess H.
Advances in Experimental Medicine and Biology, vol.816, pp.129-151, 2014 (SCI-Expanded)
- LX. **Multicenter Double-Blinded Randomized Controlled Trial of Standard Abdominal Wound Edge Protection With Surgical Dressings Versus Coverage With a Sterile Circular Polyethylene Drape for Prevention of Surgical Site Infections A CHIR-Net Trial (BaFO; NCT01181206)**
Mihaljevic A. L., Schirren R., Oezer M., Ottl S., Gruen S., Michalski C. W., Erkan M. M., Jaeger C., Reiser-Erkan C., Kehl V., et al.
ANNALS OF SURGERY, vol.260, no.5, pp.730-737, 2014 (SCI-Expanded)
- LXI. **Chloroquine Targets Pancreatic Cancer Stem Cells via Inhibition of CXCR4 and Hedgehog Signaling**
Balic A., Draeby Sorensen M., Maria Trabulo S., Sainz B., Cioffi M., Vieira C. R., Miranda-Lorenzo I., Hidalgo M., Kleeff J., Erkan M. M., et al.
MOLECULAR CANCER THERAPEUTICS, vol.13, no.7, pp.1758-1771, 2014 (SCI-Expanded)
- LXII. **Overview on how oncogenic Kras promotes pancreatic carcinogenesis by inducing low intracellular ROS levels**
Kong B., Qia C., Erkan M. M., Kleeff J., Michalski C. W.
FRONTIERS IN PHYSIOLOGY, vol.4 SEP, 2013 (SCI-Expanded)
- LXIII. **Antifibrotic therapy in pancreatic diseases**
Erkan M. M.
GUT, no.9, pp.1244-1245, 2013 (SCI-Expanded)
- LXIV. **Understanding the stroma of pancreatic cancer: co-evolution of the microenvironment with epithelial carcinogenesis**
Erkan M. M.
JOURNAL OF PATHOLOGY, vol.231, no.1, pp.4-7, 2013 (SCI-Expanded)
- LXV. **Comparative analysis of the revenues of pylorus-preserving pancreatic head resections and laparoscopic cholecystectomies as prototypic surgical procedures in the German health-care system**
Stellwag T., Michalski C. W., Kong B., Erkan M. M., Reiser-Erkan C., Jaeger C., Meinel C., Friess H., Kleeff J.
LANGENBECKS ARCHIVES OF SURGERY, vol.398, no.6, pp.825-831, 2013 (SCI-Expanded)
- LXVI. **Loss of acinar cell IKK alpha triggers spontaneous pancreatitis in mice**
Li N., Wu X., Holzer R. G., Lee J., Todoric J., Park E., Ogata H., Gukovskaya A. S., Gukovsky I., Pizzo D. P., et al.
JOURNAL OF CLINICAL INVESTIGATION, vol.123, no.5, pp.2231-2243, 2013 (SCI-Expanded)
- LXVII. **The role of pancreatic stellate cells in pancreatic cancer**
Erkan M. M.
PANCREATOLOGY, vol.13, no.2, pp.106-109, 2013 (SCI-Expanded)
- LXVIII. **How fibrosis influences imaging and surgical decisions in pancreatic cancer**
Erkan M. M., Hausmann S., Michalski C. W., Schlitter A. M., Fingerle A. A., Dobritz M., Friess H., Kleeff J.
FRONTIERS IN PHYSIOLOGY, vol.3 OCT, 2012 (SCI-Expanded)
- LXIX. **The role of stroma in pancreatic cancer: diagnostic and therapeutic implications**

Erkan M. M., Hausmann S., Michalski C. W., Fingerle A. A., Dobritz M., Kleeff J., Friess H.

NATURE REVIEWS GASTROENTEROLOGY & HEPATOLOGY, vol.9, no.8, pp.454-467, 2012 (SCI-Expanded)

- LXX. **Standard abdominal wound edge protection with surgical dressings vs coverage with a sterile circular polyethylene drape for prevention of surgical site infections (BaFO): study protocol for a randomized controlled trial**
Mihaljevic A. L., Michalski C. W., Erkan M. M., Reiser-Erkan C., Jaeger C., Schuster T., Schuhmacher C., Kleeff J., Friess H.
TRIALS, vol.13, 2012 (SCI-Expanded)
- LXXI. **Comparison of 3 '-deoxy-3 '-[F-18]fluorothymidine positron emission tomography (FLT PET) and FDG PET/CT for the detection and characterization of pancreatic tumours**
Herrmann K., Erkan M. M., Dobritz M., Schuster T., Siveke J. T., Beer A. J., Wester H. J., Schmid R. M., Friess H., Schwaiger M., et al.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.39, no.5, pp.846-851, 2012 (SCI-Expanded)
- LXXII. **Syndecan-2 promotes perineural invasion and cooperates with K-ras to induce an invasive pancreatic cancer cell phenotype**
De Oliveira T., Abiatari I., Raulefs S., Sauliunaite D., Erkan M. M., Kong B., Friess H., Michalski C. W., Kleeff J.
MOLECULAR CANCER, vol.11, 2012 (SCI-Expanded)
- LXXIII. **Energy metabolism and proliferation in pancreatic carcinogenesis**
Regel I., Kong B., Raulefs S., Erkan M. M., Michalski C. W., Hartel M., Kleeff J.
LANGENBECKS ARCHIVES OF SURGERY, vol.397, no.4, pp.507-512, 2012 (SCI-Expanded)
- LXXIV. **The Impact of the Activated Stroma on Pancreatic Ductal Adenocarcinoma Biology and Therapy Resistance**
Erkan M. M., Reiser-Erkan C., Michalski C. W., Kong B., Esposito I., Friess H., Kleeff J.
CURRENT MOLECULAR MEDICINE, vol.12, no.3, pp.288-303, 2012 (SCI-Expanded)
- LXXV. **StellaTUM: current consensus and discussion on pancreatic stellate cell research**
Erkan M. M., Adler G., Apte M. V., Bachem M. G., Buchholz M., Detlefsen S., Esposito I., Friess H., Gress T. M., Habisch H., et al.
GUT, vol.61, no.2, pp.172-178, 2012 (SCI-Expanded)
- LXXVI. **Glutamate increases pancreatic cancer cell invasion and migration via AMPA receptor activation and Kras-MAPK signaling**
Herner A., Sauliunaite D., Michalski C. W., Erkan M. M., De Oliveira T., Abiatari I., Kong B., Esposito I., Friess H., Kleeff J.
INTERNATIONAL JOURNAL OF CANCER, vol.129, no.10, pp.2349-2359, 2011 (SCI-Expanded)
- LXXVII. **OPINION From tissue turnover to the cell of origin for pancreatic cancer**
Kong B., Michalski C. W., Erkan M. M., Friess H., Kleeff J.
NATURE REVIEWS GASTROENTEROLOGY & HEPATOLOGY, vol.8, no.8, pp.467-472, 2011 (SCI-Expanded)
- LXXVIII. **Tenascin-C Enhances Pancreatic Cancer Cell Growth and Motility and Affects Cell Adhesion through Activation of the Integrin Pathway**
Paron I., Berchtold S., Voeroes J., Shamarla M., Erkan M. M., Hoefler H., Esposito I.
PLOS ONE, vol.6, no.6, 2011 (SCI-Expanded)
- LXXIX. **Pigment Epithelium-Derived Factor Associates With Neuropathy and Fibrosis in Pancreatic Cancer**
Samkharadze T., Erkan M. M., Reiser-Erkan C., Demir I. E., Kong B., Ceyhan G., Michalski C. W., Esposito I., Friess H., Kleeff J.
AMERICAN JOURNAL OF GASTROENTEROLOGY, no.5, pp.968-980, 2011 (SCI-Expanded)
- LXXX. **Comparison of diffusion-weighted MR imaging and multidetector-row CT in the detection of liver metastases in patients operated for pancreatic cancer**
Holzapfel K., Reiser-Erkan C., Fingerle A. A., Erkan M. M., Eiber M. J., Rummeny E. J., Friess H., Kleeff J., Gaa J.
ABDOMINAL IMAGING, vol.36, no.2, pp.179-184, 2011 (SCI-Expanded)
- LXXXI. **Hypoxia inducible BHLHB2 is a novel and independent prognostic marker in pancreatic ductal adenocarcinoma**

- Wang W., Reiser-Erkan C., Michalski C. W., Raggi M. C., Quan L., Yupei Z., Friess H., Erkan M. M., Kleeff J.
BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, vol.401, no.3, pp.422-428, 2010 (SCI-Expanded)
- LXXXII. **AZGP1 is a tumor suppressor in pancreatic cancer inducing mesenchymal-to-epithelial transdifferentiation by inhibiting TGF-beta-mediated ERK signaling**
Kong B., Michalski C. W., Hong X., Valkovskaya N., Rieder S., Abiatari I., Streit S., Erkan M. M., Esposito I., Friess H., et al.
ONCOGENE, vol.29, no.37, pp.5146-5158, 2010 (SCI-Expanded)
- LXXXIII. **Cystic colon duplication causing intussusception in a 25-year-old man: report of a case and review of the literature**
Reiser-Erkan C., Erkan M. M., Ulbrich E., Naehrig J., Kleeff J.
BMC SURGERY, vol.10, 2010 (SCI-Expanded)
- LXXXIV. **Nerve Growth Factor and Artemin Are Paracrine Mediators of Pancreatic Neuropathy in Pancreatic Adenocarcinoma**
Ceyhan G., Schaefer K., Kerscher A. G., Rauch U., Demir I. E., Kadihasanoglu M., Boehm C., Mueller M. W., Buechler M. W., Giese N. A., et al.
ANNALS OF SURGERY, vol.251, no.5, pp.923-931, 2010 (SCI-Expanded)
- LXXXV. **Organ-, inflammation- and cancer specific transcriptional fingerprints of pancreatic and hepatic stellate cells**
Erkan M. M., Weis N., Pan Z., Schwager C., Samkharadze T., Jiang X., Wirkner U., Giese N. A., Ansorge W., Debus J., et al.
MOLECULAR CANCER, vol.9, 2010 (SCI-Expanded)
- LXXXVI. **Silencing of GRP94 expression promotes apoptosis in pancreatic cancer cells**
Pan Z., ERKAN M. M., Streit S., Friess H., Kleeff J.
International Journal of Oncology, vol.35, no.4, pp.823-828, 2009 (SCI-Expanded)
- LXXXVII. **Evaluation of 3-deoxy-3-18fluorothymidine PET (FLT-PET) for the detection of pancreatic cancer - Comparison to FDG-PET/CT**
Herrmann K., Erkan M. M., Eckel F., Krause B., Wester H., Kleeff J., Schmid R., Friess H., Buck A.
JOURNAL OF NUCLEAR MEDICINE, 2009 (SCI-Expanded)
- LXXXVIII. **Northern blot analysis for detection and quantification of RNA in pancreatic cancer cells and tissues**
Streit S., Michalski C. W., Erkan M. M., Kleeff J., Friess H.
NATURE PROTOCOLS, vol.4, no.1, pp.37-43, 2009 (SCI-Expanded)
- LXXXIX. **Neural fractalkine expression is closely linked to pain and pancreatic neuritis in human chronic pancreatitis**
Ceyhan G., Deucker S., Demir I. E., Erkan M. M., Schmelz M., Bergmann F., Mueller M. W., Giese T., Buechler M. W., Giese N. A., et al.
LABORATORY INVESTIGATION, vol.89, no.3, pp.347-361, 2009 (SCI-Expanded)
- XC. **Resection of Primary Pancreatic Cancer and Liver Metastasis: A Systematic Review**
Michalski C. W., Erkan M. M., Hueser N., Mueller M. W., Hartel M., Friess H., Kleeff J.
DIGESTIVE SURGERY, vol.25, no.6, pp.473-480, 2009 (SCI-Expanded)
- XCI. **Cancer-Stellate Cell Interactions Perpetuate the Hypoxia-Fibrosis Cycle in Pancreatic Ductal Adenocarcinoma**
Erkan M. M., Reiser-Erkan C., Michalski C. W., Deucker S., Sauliunaite D., Streit S., Esposito I., Friess H., Kleeff J.
NEOPLASIA, vol.11, no.5, pp.497-508, 2009 (SCI-Expanded)
- XCII. **Confirmation of DNA Microarray-Derived Differentially Expressed Genes in Pancreatic Cancer Using Quantitative RT-PCR**
Streit S., Michalski C. W., Erkan M. M., Friess H., Kleeff J.
PANCREATOLOGY, vol.9, no.5, pp.577-582, 2009 (SCI-Expanded)
- XCIII. **Pancreatic Islet and Stellate Cells Are the Main Sources of Endocrine Gland-Derived Vascular Endothelial Growth Factor/Prokineticin-1 in Pancreatic Cancer**
Jiang X., Abiatari I., Kong B., Erkan M. M., De Oliveira T., Giese N. A., Michalski C. W., Friess H., Kleeff J.
PANCREATOLOGY, vol.9, no.1-2, pp.165-172, 2009 (SCI-Expanded)

- XCIV. Cannabinoids Reduce Markers of Inflammation and Fibrosis in Pancreatic Stellate Cells**
Michalski C. W., Maier M., Erkan M. M., Sauliunaite D., Bergmann F., Pacher P., Batkai S., Giese N. A., Giese T., Friess H., et al.
PLOS ONE, vol.3, no.2, 2008 (SCI-Expanded)
- XCv. The Activated Stroma Index Is a Novel and Independent Prognostic Marker in Pancreatic Ductal Adenocarcinoma**
Erkan M. M., Michalski C. W., Rieder S., Reiser-Erkan C., Abiatari I., Kolb A., Giese N. A., Esposito I., Friess H., Kleeff J.
CLINICAL GASTROENTEROLOGY AND HEPATOLOGY, vol.6, no.10, pp.1155-1161, 2008 (SCI-Expanded)
- XCvI. Ex vivo chemosensitivity testing and gene expression profiling predict response towards adjuvant gemcitabine treatment in pancreatic cancer**
Michalski C. W., Erkan M. M., Sauliunaite D., Giese T., Stratmann R., Sartori C., Giese N. A., Friess H., Kleeff J.
BRITISH JOURNAL OF CANCER, vol.99, no.5, pp.760-767, 2008 (SCI-Expanded)
- XCvII. Systematic review and meta-analysis of the role of defunctioning stoma in low rectal cancer surgery**
Hueser N., Michalski C. W., Erkan M. M., Schuster T., Rosenberg R., Kleeff J., Friess H.
ANNALS OF SURGERY, no.1, pp.52-60, 2008 (SCI-Expanded)
- XCvIII. Cannabinoids in pancreatic cancer: Correlation with survival and pain**
Michalski C. W., Oti F. E., Erkan M. M., Saulitmaite D., Bergmann F., Pacher P., Batkai S., Mueller M. W., Giese N. A., Friess H., et al.
INTERNATIONAL JOURNAL OF CANCER, vol.122, no.4, pp.742-750, 2008 (SCI-Expanded)
- XCIX. Hypoxia-inducible proto-oncogene Pim-1 is a prognostic marker in pancreatic ductal adenocarcinoma**
Reiser-Erkan C., Erkan M. M., Pan Z., Bekasi S., Giese N. A., Streit S., Michalski C. W., Friess H., Kleeff J.
CANCER BIOLOGY & THERAPY, vol.7, no.9, pp.1352-1359, 2008 (SCI-Expanded)
- C. Second-look operation for unresectable pancreatic ductal adenocarcinoma at a high-volume center**
Michalski C. W., Kleeff J., Bachmann J., Alkhatib J., Erkan M. M., Esposito I., Hinz U., Friess H., Buechler M. W.
ANNALS OF SURGICAL ONCOLOGY, vol.15, no.1, pp.186-192, 2008 (SCI-Expanded)
- CI. Mononuclear cells modulate the activity of pancreatic stellate cells which in turn promote fibrosis and inflammation in chronic pancreatitis**
Michalski C. W., Gorbachevski A., Erkan M. M., Reiser C., Deucker S., Bergmann F., Giese T., Weigand M., Giese N. A., Friess H., et al.
JOURNAL OF TRANSLATIONAL MEDICINE, vol.5, 2007 (SCI-Expanded)
- CII. Preoperative acute pancreatitis in periampullary tumors: Implications for surgical management**
Erkan M. M., Kleeff J., Reiser C., Hinz U., Esposito I., Friess H., Buechler M. W.
DIGESTION, vol.75, no.2-3, pp.165-171, 2007 (SCI-Expanded)
- CIIf. The neurotrophic factor artemin influences the extent of neural damage and growth in chronic pancreatitis**
Ceyhan G., Bergmann F., Kadihasanoglu M., Erkan M. M., Park W., Hinz U., Mueller M. W., Giese T., Buechler M. W., Giese N. A., et al.
GUT, no.4, pp.534-544, 2007 (SCI-Expanded)
- CIV. Basic transcription factor 3 (BTF3) regulates transcription of tumor-associated genes in pancreatic cancer cells**
Kusumawidjaja G., Kaye H., Giese N., Bauer A., Erkan M. M., Giese T., Hoheisel J. D., Friess H., Kleeff J.
CANCER BIOLOGY & THERAPY, vol.6, no.3, pp.367-376, 2007 (SCI-Expanded)
- CV. Periostin creates a tumor-supportive microenvironment in the pancreas by sustaining fibrogenic stellate cell activity**
Erkan M. M., Kleeff J., Gorbachevski A., Reiser C., Mitkus T., Esposito I., Giese T., Buechler M. W., Giese N. A., Friess H.
GASTROENTEROLOGY, vol.132, no.4, pp.1447-1464, 2007 (SCI-Expanded)
- CVI. Expression of extracellular matrix metalloproteinase inducer (EMMPRIN/CD147) in pancreatic neoplasm and pancreatic stellate cells**
Zhang W., Erkan M. M., Abiatari I., Giese N. A., Felix K., Kaye H., Buechler M. W., Friess H., Kleeff J.
CANCER BIOLOGY & THERAPY, vol.6, no.2, pp.218-227, 2007 (SCI-Expanded)

CVII. The neurotrophic factor artemin promotes pancreatic cancer invasion

Ceyhan G., Giese N. A., Erkan M. M., Kerscher A. G., Wente M. N., Giese T., Buchler M. W., Friess H.
ANNALS OF SURGERY, vol.244, no.2, pp.274-281, 2006 (SCI-Expanded)

CVIII. Loss of BNIP3 expression is a late event in pancreatic cancer contributing to chemoresistance and worsened prognosis

Erkan M. M., Kleeff J., Esposito I., Giese T., Ketterer K., Buchler M., Giese N., Friess H.
ONCOGENE, vol.24, no.27, pp.4421-4432, 2005 (SCI-Expanded)

Articles Published in Other Journals

I. Hippo pathway elements Co-localize with Occludin: A possible sensor system in pancreatic epithelial cells

Cravo A. S., Carter E., Erkan M. M., Harvey E., Furutani-Seiki M., Mrsny R.
TISSUE BARRIERS, vol.3, no.3, pp.1-14, 2015 (ESCI)

II. Surgery for cystic pancreatic lesions in the post-sendai era: A single institution experience

Kleeff J., Michalski C., Kong B., ERKAN M. M., Roth S., Siveke J., Friess H., Esposito I.
HPB Surgery, vol.2015, 2015 (Scopus)

III. Tumor microenvironment and progression of pancreatic cancer

ERKAN M. M., Reiser-Erkan C., Michalski C., Kleeff J.
Experimental Oncology, vol.32, no.3, pp.128-131, 2010 (Scopus)

IV. Definitive treatment of traumatic biliary injuries.

ERKAN M. M., Bilge O., Ozden I., Tekant Y., Acarli K., Alper A., Emre A., Ariogul O.
Ulusal travma ve acil cerrahi dergisi = Turkish journal of trauma & emergency surgery : TJTES, vol.10, no.4, pp.221-225, 2004 (Scopus)

V. Five years and 4 months of recurrence-free survival in hepatic angiosarcoma

Özden I., Bilge O., ERKAN M. M., Cevikbaş U., Acarli K.
Journal of Hepato-Biliary-Pancreatic Surgery, vol.10, no.3, pp.250-252, 2003 (Scopus)

VI. Iatrogenic hypernatremia during hydatid cyst operation Karaciger Kist Hidatik Operasyonunda Iyatrogenik Hipernatremi.

Ozcan P. E., YAVRU H. A., Tugrul S., Akinci O., ERKAN M. M., Cakar N.
Ulusal travma ve acil cerrahi dergisi = Turkish journal of trauma & emergency surgery : TJTES, vol.9, no.4, pp.291-293, 2003 (Scopus)

Books & Book Chapters

I. Pankreas Kanseri İçin Yeni Tanımlanmış Risk Grubu: Yeni Tanı Diyabet Hastaları

BOZKURT E., KARTAL K., ERKAN B., ERKAN M. M.

in: Türkiye Klinikleri Radyoloji Özel Konular- Pankreas - 2021, Doç. Dr. Afak DURUR KARAKAYA, Prof. Dr. İzzet ROZANES, Editor, Türkiye Klinikleri (Ortadoğu Reklam Tanıtım Yayıncılık Turizm Eğitim İnşaat Sanayi ve Ticaret A.Ş.), Ankara, pp.97-100, 2021

II. Pankreas Fizyolojisi

AĞCAOĞLU O., ERKAN B., ERKAN M. M.

in: Karciğer Safra Yolları ve Pankreas CerrahisiTürk HPB Cerrahi Derneği, Osman Abbasoğlu, Editor, DÜNYA TIP KİTABEVİ, pp.219-222, 2019

III. Pankreasın Kistik Neoplazileri

ERKAN M. M., Erkan B., AĞCAOĞLU O.

in: Karciğer Safra Yolları ve Pankreas CerrahisiTürk HPB Cerrahi Derneği, Osman Abbasoğlu, Editor, DÜNYATIP KİTABEVİ, pp.311-317, 2019

IV. Role of Inflammation in Pancreatic Cancer

Erkan M. M.

in: Inflammation and Cancer, Bharat B. Aggarwal, Bokyung Sung, Subash Chandra Gupta, Editor, Springer Nature, Basel, pp.129-151, 2014

V. The Role of Non-cancerous Cells in Cancer: Pancreatic Ductal Adenocarcinoma as a Model to Understand the Impact of Tumor Microenvironment on Epithelial Carcinogenesis

Erkan M. M.

in: Cancer Targeted Drug Delivery, You Han Bae, Randall J. Mersny, Kinam Park, Editor, Springer Nature, New York, pp.309-333, 2013

VI. Hepatozelluläres Karzinom

Erkan M. M.

in: Gastrointestinale Tumoren, Winkel, C. Trumm, C. Tympner, M. Rentsch, Editor, Tumorzentrum München, Munich, pp.1-10, 2013

VII. Tumor-Stromal Interaction: Invasion and Metastasis.

Erkan M. M.

in: Handbook of Pancreatic Cancer: 2009, J.P. Neoptolemos, R. Urrutia, J.L. Abbruzzese, M.W. Büchler, Editor, Springer Nature, New York, pp.535-563, 2009

Refereed Congress / Symposium Publications in Proceedings

I. Anatomical carcinogenesis theory for pancreatic cancer: significant association between low insertion anomaly of the cystic duct and new-onset diabetes after the age of 50

Erkan B., Altan Kuş A., Keceoglu S., Erkan M. M.

European Society of Radiology, Vienna, Austria, 27 February - 04 March 2023, pp.273

II. Three-dimensional imaging of cleared human liver tissues reveals extensive fibrosis heterogeneity in non-alcoholic fatty liver disease

Yigit B., Ozgonul E., Yaman O., Ulukan B., Tas Y. C., Morova B., Aydin M., Uysalli Y., Demirtas E., ERKAN M. M., et al. International Liver Congress, London, Canada, 22 - 26 June 2022

III. DNA methylation pattern of TM6SF2 influences NAFLD progression in genotype-dependent manner

Ulukan B., Yigit B., Yilmaz O., Comert M. C., Erkan M. M., Adali G., DAYANGAÇ M., Zeybel M.

International Liver Congress / 54th Annual Meeting of the European-Association-for-the-Study-of-the-Liver (EASL), Vienna, Austria, 10 - 14 April 2019

IV. The role of periostin in pancreatic carcinogenesis and metastatic spread

Hausmann S., Regel I., Federlein A., Mazur P. K., Steiger K., Michalski C. W., Erkan M. M., Kleeff J.

AACR Special Conference on Pancreatic Cancer - Innovations in Research and Treatment, Louisiana, United States Of America, 18 May 2014 - 21 May 2015

Supported Projects

Erkan M. M., TUBITAK Project, "Pankreas duktal adenokarsinomunda sirküle eden kanser kök hücrelerini saptayarak erken evrede tanı koydurucu biyobelirteç geliştirme çalışmaları (Proje No: 315S290), 2018 - 2021

Erkan M. M., TUBITAK Project, Pankreas Duktal Adenokarsinomu İçin Önileş Sentezi ve Klinik Öncesi Çalışmaları, 2017 - 2021

Erkan M. M., TUBITAK Project, Pankreatik Adacık Hücrelerinin İmplantasyonu İçin Biyolojik Arayüzeylerde Özgün Nanomühendislik Yaklaşımı ile İmmünolojik Bariyerleri Aşmak, 2017 - 2020

Erkan M. M., Project Supported by Higher Education Institutions, Translational assessment of Echinococcus granulosus Elicited-Host Mediated fibrogenic and immunogenic responses (ECCE HOMO), 2017 - 2019

Erkan M. M., FP7 Project, Targeting the tumour microenvironment to improve pancreatic cancer prognosis EPC TM Net EU FP7 Prof J Kleeff Dr M Erkan Dr C W Michalski Prof I Esposito Prof H Friess, 2011 - 2013

Erkan M. M., Project Supported by Public Organizations in Other Countries, KKF: Stellate cells as antigen presenting cells

of the pancreas: Characterization of class II MHC and CD83 or CD163 positive sub-populations, 2011 - 2012

Erkan M. M., Project Supported by Public Organizations in Other Countries, DFG International scientific organisation Dr M Erkan Pancreatic star alliance Consensus criteria on PSC StellaTUM München 30 01 2011 01 02 2011 GZ ER 563 3 1 AOBJ 577801, 2011 - 2011

Erkan M. M., Project Supported by Public Organizations in Other Countries, BMBF NGFNplus Subproject Cancer specific activation of stroma Project number 01GS08115 Dr J Kleeff Dr M Erkan Dr C W Michalski Dr H Friess, 2008 - 2010

Erkan M. M., Project Supported by Private Organizations in Other Countries, Else Kröner Fresenius Stiftung Molecular mechanisms of cannabinoid mediated tumor stroma interactions in pancreatic cancer Dr CW Michalski Dr M Erkan Prof I Esposito Prof J Kleeff, 2008 - 2010

Activities in Scientific Journals

FRONTIERS OF GASTROINTESTINAL RESEARCH, Committee Member, 2017 - Continues

ADVANCES IN GASTROINTESTINAL CANCERS, Committee Member, 2017 - Continues

GASTRIC CANCER, Committee Member, 2017 - Continues

PANCREATOLOGY, Committee Member, 2014 - Continues

Memberships / Tasks in Scientific Organizations

Pancreatic Terminology Committee , Principal Member, 2021 - Continues, England

European-African Hepato-Pancreato-Biliary Association , Member of Science Committee, 2016 - Continues, England

- International and European-African Hepato-Pancreato-Biliary Association , Member of Science Committee, 2016 - Continues, United States Of America

Deutscher Modellflieger Verband e.V., Member, 2015 - Continues, Germany

European Pancreatic Club (EPC), Principal Member, 2015 - Continues, Austria

DGAV – Deutsche Gesellschaft für Allgemein- und Viszeralchirurgie, Member, 2015 - Continues, Germany

Deutscher Pankreasclub (DPC), Principal Member, 2015 - Continues, Germany

International Association of Pancreatology (IAP), Member, 2015 - Continues, India

EDS – European Digestive Surgery, Member, 2015 - Continues, Germany

Istanbul Tabip Odası, Member, 2000 - Continues, Turkey

Istanbul Üniversitesi Mezunlar Derneği, Member, 1999 - Continues, Turkey

- The European Consortium on Minimally Invasive Pancreatic Surgery (E-MIPS), Consultant, 2020 - 2020, Turkey

European-African Hepato-Pancreato-Biliary Association , Member of Advisory Board, 2015 - 2019, England

Turkish Association of Hepato-Pancreato-Biliary Surgery , Board Member, 2015 - 2017, Turkey

COST Association, Member, 2012 - 2017, Belgium

Scientific Refereeing

AMERICAN JOURNAL OF PATHOLOGY, Journal Indexed in SCI-E, January 2019

TRIALS, Journal Indexed in SCI-E, January 2019

GASTROENTEROLOGY, Journal Indexed in SCI-E, January 2019

GUT, Journal Indexed in SCI-E, January 2018

BMC GASTROENTEROLOGY, Journal Indexed in SCI-E, January 2017

INTERNATIONAL JOURNAL OF PANCREATOLOGY, SCI Journal, January 2017

LANCET ONCOLOGY, Journal Indexed in SCI-E, January 2017

CARCINOGENESIS, Journal Indexed in SCI-E, January 2017

MOLECULAR ONCOLOGY, Journal Indexed in SCI-E, January 2016

Türkiye Klinikleri Tıp Bilimleri Dergisi, National Scientific Refreed Journal, January 2015

Metrics

Publication: 125

Citation (WoS): 6435

Citation (Scopus): 6609

H-Index (WoS): 43

H-Index (Scopus): 46

Non Academic Experience

Company, RS-Research , Clinical Trial Phase I

University, Klinikum r.d.Isar, Technische Universität München, Department of Surgert

Hospital, Klinikum r.d.Isar, Technische Universität München, Department of Surgery

Hospital, Klinikum r.d.Isar, Technische Universität München, Department of Surgery

University, Klinikum r.d.Isar, Technische Universität München, Department of Surgery

Hospital, Klinikum r.d.Isar, Technische Universität München, Department of Surgery

University, University of Heidelberg, Department of Surgery

University, Istabul Faculty of Medicine, Department of Surgery/ Hepato-Pancreato-Biliary Surgery Unit

Hospital, Cleveland Clinic Florida, Surgery