

Stand: 23.12.2014

Publikationen 2012

1. Aghdassi A, Sendler M, Guenther A, Mayerle J, Behn CO, Heidecke CD, Friess H, Buchler M, Evert M, Lerch MM, Weiss FU. Recruitment of histone deacetylases HDAC1 and HDAC2 by the transcriptional repressor ZEB1 downregulates E-cadherin expression in pancreatic cancer. *Gut* 2012; 61(3): 439-448
2. Bajbouj M, Becker V, Feussner H. Gastroenterologische Funktionsdiagnostik – State oft he Art. *Kompendium Gastroenterologie* 2012; 8(1): 27-30
3. Bauer K, Nitsche U, Slotta-Huspenina J, Drecoll E, von Weyhern CH, Rosenberg R, Hofler H, Langer R. High HSP27 and HSP70 expression levels are independent adverse prognostic factors in primary resected colon cancer. *Cell Oncol (Dordr)* 2012; 35(3): 197-205
4. Bauer L, Langer R, Becker K, Hapfelmeier A, Ott K, Novotny A, Hofler H, Keller G. Expression Profiling of Stem Cell-Related Genes in Neoadjuvant-Treated Gastric Cancer: A NOTCH2, GSK3B and beta-catenin Gene Signature Predicts Survival. *PLoS ONE* 2012; 7(9): e44566
5. Becker K, Reim D, Novotny A, zum Buschenfelde CM, Engel J, Friess H, Hofler H, Langer R. Proposal for a Multifactorial Prognostic Score That Accurately Classifies 3 Groups of Gastric Carcinoma Patients With Different Outcomes After Neoadjuvant Chemotherapy and Surgery. *Ann Surg* 2012; 256(6): 1002-1007
6. Becker V, Graf S, Schlag C, Schuster T, Feussner H, Schmid RM, Bajbouj M. First Agreement Analysis and Day-to-Day Comparison of Pharyngeal pH Monitoring with pH/Impedance Monitoring in Patients with Suspected Laryngopharyngeal Reflux. *J Gastrointest Surg* 2012; 16(6): 1096-1101
7. Becker V, Feussner H, Bajbouj M. Neues aus der Funktionsdiagnostik ösophagealer Erkrankungen. *Gastroenterologe* 2012; 7(6): 527-530
8. Begus-Nahrmann Y, Hartmann D, Kraus J, Eshraghi P, Scheffold A, Grieb M, Rasche V, Schirmacher P, Lee HW, Kestler HA, Lechel A, Rudolph KL. Transient telomere dysfunction induces chromosomal instability and promotes carcinogenesis. *J Clin Invest* 2012; 122(6): 2283-2288
9. Cheng Z, Aßfalg V, Shi X, Lin S, Xia J, Yang P, Hüser N, Shen F. Effect of p120 catenin silencing on biological behaviors of PANC-1 cells. *J Huazhong Univ Sci Technolog Med Sci* 2012; 32(5): 707-712
10. D'Haese JG, Friess H, Ceyhan GO. Therapeutic potential of the chemokine-receptor duo fractalkine/CX3CR1: an update. *Expert Opin Ther Targets* 2012; 16(6): 613-618

11. De Oliveira T, Abiatar I, Raulefs S, Sauliunaite D, Erkan M, Kong B, Friess H, Michalski CW, Kleeff J. Syndecan-2 promotes perineural invasion and cooperates with K-ras to induce an invasive pancreatic cancer cell phenotype. *Mol Cancer* 2012; 11(1): 19
12. Demir IE, Ceyhan GO, Friess H. Beyond Lactate: Is There a Role for Serum Lactate Measurement in Diagnosing Acute Mesenteric Ischemia? *Dig Surg* 2012; 29(3): 226-235
13. Demir IE, Friess H, Ceyhan GO. Nerve-cancer interactions in the stromal biology of pancreatic cancer. *Front Physiol* 2012; 3: 97
14. Demir IE, Wang K, Tieftrunk E, Giese NA, Xing B, Friess H, Kehl T, Ceyhan GO. Neuronal plasticity in chronic pancreatitis is mediated via the neurturin/GFRalpha2 axis. *Am J Physiol Gastrointest Liver Physiol* 2012; 303(9): G1017-G1028
15. Doll D, Matevossian E, Kayser K, Hönenmann C, Lenz S, Degiannis E. Kopfverletzungen: Mortalität, Verletzungsmuster, Intubationshäufigkeit. *Notarzt* 2012; 28: 7-11
16. Dubecz A, Langer M, Stadlhuber RJ, Schweigert M, Solymosi N, Feith M, Stein HJ. Cholecystectomy in the Very Elderly-Is 90 the New 70? *J Gastrointest Surg* 2012; 16(2): 282-285
17. Dubecz A, Ottmann J, Schweigert M, Stadlhuber RJ, Feith M, Wiessner V, Muschweck H, Stein HJ. Management of ERCP-related small bowel perforations: the pivotal role of physical investigation. *Can J Surg* 2012; 55(2): 99-104
18. Dubecz A, Gall I, Solymosi N, Schweigert M, Peters JH, Feith M, Stein HJ. Temporal Trends in Long-Term Survival and Cure Rates in Esophageal Cancer: A SEER Database Analysis. *J Thorac Oncol* 2012; 7(2): 443-447
19. Ebert MP, Tanzer M, Balluff B, Burgermeister E, Kretzschmar AK, Hughes DJ, Tetzner R, Lofton-Day C, Rosenberg R, Reinacher-Schick AC, Schulmann K, Tannapfel A, Hofheinz R, Rocken C, Keller G, Langer R, Specht K, Porschen R, Stohlmacher-Williams J, Schuster T, Strobel P, Schmid RM. TFAP2E-DKK4 and chemoresistance in colorectal cancer. *N Engl J Med* 2012; 366(1): 44-53
20. Elsner M, Rauser S, Maier S, Schone C, Balluff B, Meding S, Jung G, Nipp M, Sarioglu H, Maccarrone G, Aichler M, Feuchtinger A, Langer R, Jutting U, Feith M, Kuster B, Ueffing M, Zitzelsberger H, Hofler H, Walch A. MALDI imaging mass spectrometry reveals COX7A2, TAGLN2 and S100-A10 as novel prognostic markers in Barrett's adenocarcinoma. *J Proteomics* 2012; 75(15): 4693-4704
21. Erkan M, Hausmann S, Michalski CW, Schlitter AM, Fingerle AA, Dobritz M, Friess H, Kleeff J. How fibrosis influences imaging and surgical decisions in pancreatic cancer. *Front Physiol* 2012; 3: 389

22. Erkan M, Adler G, Apte MV, Bachem MG, Buchholz M, Detlefsen S, Esposito I, Friess H, Gress TM, Habisch HJ, Hwang RF, Jaster R, Kleeff J, Kloppel G, Kordes C, Logsdon CD, Masamune A, Michalski CW, Oh J, Phillips PA, Pinzani M, Reiser-Erkan C, Tsukamoto H, Wilson J. StellaTUM: current consensus and discussion on pancreatic stellate cell research. *Gut* 2012; 61(2): 172-178
23. Erkan M, Reiser-Erkan C, Michalski CW, Kong B, Esposito I, Friess H, Kleeff J. The Impact of the Activated Stroma on Pancreatic Ductal Adenocarcinoma Biology and Therapy Resistance. *Curr Mol Med* 2012; 12(3): 288-303
24. Erkan M, Hausmann S, Michalski CW, Fingerle AA, Dobritz M, Kleeff J, Friess H. The role of stroma in pancreatic cancer: diagnostic and therapeutic implications. *Nat Rev Gastroenterol Hepatol* 2012; 9(8): 454-467
25. Eyo E, Murtaga A, Zhivkova-Galunska M, Georges R, Zepp M, Djandji D, Kleeff J, Berger MR, Adwan H. Few genes are associated with the capability of pancreatic ductal adenocarcinoma cells to grow in the liver of nude rats. *Oncol Rep* 2012; 28(6): 2177-2187
26. Feussner H, Wilhelm D, Schneider A, Fiolka A, Gillen S, Kranzfelder M, Friess H. Interventionelle Viszeralmedizin: Wird NOTES die Fachgrenzen verschieben? *CHAZ* 2012; 13(4): 217-222
27. Feussner H, Schlag PM. Kommunikationstechnologie, Telematik und Robotik: Spagat zwischen Vision und Realität. *Onkologe* 2012; 18(5): 386-388
28. Feussner H, Wilhelm D, Kleemann M, Lamade W, Bajbouj M, Rasche T, Meining A. Operative Gastroenterologie, interventionelle Radiologie und perkutane Therapieverfahren: Was bleibt in Zukunft für die Viszeralchirurgie? *Endo heute* 2012; 25(1): 5-7
29. Fischer L, Knaebel HP, Golcher H, Bruckner T, Diener MK, Bachmann J, Buchler MW, Seiler CM. To whom do the results of the multicenter, randomized, controlled INSECT trial (ISRCTN 24023541) apply?--assessment of external validity. *BMC Surg* 2012; 12 2
30. Friess H, Bader FG, Schmid RM, Delius S. Carcinogenesis, prevention and treatment of colorectal cancer--state of the art 2012. Introduction. *Dig Dis* 2012; 30 Suppl 2 1
31. Fritscher-Ravens A, Feussner H, Kahler G, Mathes K, Meining A, Hochberger J, Meier P, von DS, von RD, Wilhelm D, Burghardt J, Bernhardt J, Lamade W, Magdeburg R, Meier P, Vassiliou M, Fuchs K. [In Process Citation]. *Z Gastroenterol* 2012; 50(3): 325-330
32. Gais P, Reim D, Jusek G, Rossmann-Bloeck T, Weighardt H, Pfeffer K, Altmayr F, Janssen KP, Holzmann B. Cutting edge: Divergent cell-specific functions of MyD88 for inflammatory responses and organ injury in septic peritonitis. *J Immunol* 2012; 188(12): 5833-5837

33. Gillen S, Grone J, Knodgen F, Wolf P, Meyer M, Friess H, Buhr HJ, Ritz JP, Feussner H, Lehmann KS. Educational and training aspects of new surgical techniques: experience with the endoscopic-laparoscopic interdisciplinary training entity (ELITE) model in training for a natural orifice translumenal endoscopic surgery (NOTES) approach to appendectomy. *Surg Endosc* 2012; 26(8): 2376-2382
34. Gillen S, Schuster T, Friess H, Kleeff J. Palliative resections versus palliative bypass procedures in pancreatic cancer-a systematic review. *Am J Surg* 2012; 203(4): 496-502
35. Gramer BM, Muenzel D, Leber V, von Thaden AK, Feussner H, Schneider A, Vembar M, Soni N, Rummeny EJ, Huber AM. Impact of iterative reconstruction on CNR and SNR in dynamic myocardial perfusion imaging in an animal model. *Eur Radiol* 2012; 22(12): 2654-2661
36. Gress TM, Kestler HA, Lausser L, Fiedler L, Sipos B, Michalski CW, Werner J, Giese N, Scarpa A, Buchholz M. Differentiation of multiple types of pancreatico-biliary tumors by molecular analysis of clinical specimens. *J Mol Med (Berl)* 2012; 90(4): 457-464
37. Gruner BM, Hahne H, Mazur PK, Trajkovic-Arsic M, Maier S, Esposito I, Kalideris E, Michalski CW, Kleeff J, Rauser S, Schmid RM, Kuster B, Walch A, Siveke JT. MALDI Imaging Mass Spectrometry for In Situ Proteomic Analysis of Preneoplastic Lesions in Pancreatic Cancer. *PLoS ONE* 2012; 7(6): e39424
38. Hepper I, Schymeinsky J, Weckbach LT, Jakob SM, Frommhold D, Sixt M, Laschinger M, Sperandio M, Walzog B. The mammalian actin-binding protein 1 is critical for spreading and intraluminal crawling of neutrophils under flow conditions. *J Immunol* 2012; 188(9): 4590-4601
39. Herrmann K, Erkan M, Dobritz M, Schuster T, Siveke JT, Beer AJ, Wester HJ, Schmid RM, Friess H, Schwaiger M, Kleeff J, Buck AK. Comparison of 3'-deoxy-3'-[(18)F]fluorothymidine positron emission tomography (FLT PET) and FDG PET/CT for the detection and characterization of pancreatic tumours. *Eur J Nucl Med Mol Imaging* 2012; 39(5): 846-851
40. Hoffmeister A, Mayerle J, Beglinger C, Buchler MW, Bufler P, Dathe K, Folsch UR, Friess H, Izicki J, Kahl S, Klar E, Keller J, Knoefel WT, Layer P, Loehr M, Meier R, Riemann JF, Runzi M, Schmid RM, Schreyer A, Tribl B, Werner J, Witt H, Mossner J, Lerch MM. [S3-Consensus guidelines on definition, etiology, diagnosis and medical, endoscopic and surgical management of chronic pancreatitis German Society of Digestive and Metabolic Diseases (DGVS)]. *Z Gastroenterol* 2012; 50(11): 1176-1224
41. Hösel M, Broxtermann M, Janicki H, Esser K, Arzberger S, Hartmann P, Gillen S, Kleeff J, Stabenow D, Odenthal M, Knolle P, Hallek M, Protzer U, Buning H. TLR2-mediated innate immune response in human non-parenchymal liver cells towards adeno-associated viral (AAV) vectors. *Hepatology* 2012; 55(1): 287-297

42. Hüser N, Aßfalg V, Reim D, Novotny A, Thorban S, Cheng Z, Kornberg A, Friess H, Buchler P, Matevossian E. Heparin-induced thrombocytopenia (HIT II) in liver transplant recipients: a retrospective multivariate analysis of prognostic factors. *Transpl Int* 2012; 25(7): 739-747
43. Jusek G, Reim D, Tsujikawa K, Holzmann B. Deficiency of the CGRP receptor component RAMP1 attenuates immunosuppression during the early phase of septic peritonitis. *Immunobiology* 2012; 217(8): 761-767
44. Katz SF, Lechel A, Obenauf AC, Begus-Nahrmann Y, Kraus JM, Hoffmann EM, Duda J, Eshraghi P, Hartmann D, Liss B, Schirmacher P, Kestler HA, Speicher MR, Rudolph KL. Disruption of Trp53 in livers of mice induces formation of carcinomas with bilineal differentiation. *Gastroenterology* 2012; 142(5): 1229-1239
45. Kauer W. Inspizieren, therapieren, operieren. *Hautarzt* 2012; 9 36-40
46. Kern H, Bald C, Hüser N, Aßfalg V, von Weyhern C, Friess H, Matevossian E. Introduction of a new method of rat liver transplantation using retrograde reperfusion. *Eur Surg* 2012; 44(3): 172-176
47. Kleger A, Mahaddalkar PU, Katz SF, Lechel A, Joo JY, Loya K, Lin Q, Hartmann D, Liebau S, Kraus JM, Cantz T, Kestler HA, Zaehres H, Scholer H, Rudolph KL. Increased reprogramming capacity of mouse liver progenitor cells, compared with differentiated liver cells, requires the BAF complex. *Gastroenterology* 2012; 142(4): 907-917
48. Klose T, Abiatar I, Samkharadze T, De OT, Jager C, Kiladze M, Valkovskaya N, Friess H, Michalski CW, Kleeff J. The actin binding protein destin is associated with growth and perineural invasion of pancreatic cancer. *Pancreatology* 2012; 12(4): 350-357
49. Knobeloch D, Ehnert S, Schyschka L, Buchler P, Schoenberg M, Kleeff J, Thasler WE, Nussler NC, Godoy P, Hengstler J, Nussler AK. Human hepatocytes: isolation, culture, and quality procedures. *Methods Mol Biol* 2012; 806 99-120
50. Kornberg A, Kupper B, Tannapfel A, Buchler P, Krause B, Witt U, Gottschild D, Friess H. Patients with non-[¹⁸F]fluodeoxyglucose-avid advanced hepatocellular carcinoma on clinical staging may achieve long-term recurrence-free survival after liver transplantation. *Liver Transpl* 2012; 18(1): 53-61
51. Kornberg A, Matevossian E, Bogdanski R, Ungeheuer A, Witt U, Blobner M, Schmidt RM, Friess H. PrFont34Bin0BinSub0Frac0Def1Margin0Margin0Jc1Indent1440Lim0Lim1Die Lebertransplantation in Zeiten der MELD-Ära - Auswirkungen auf Deutschland. *Klinikarzt* 2012; 41(6/7): 304-308
52. Kranzfelder M, Bauer M, Richter T, Rudelius M, Huth M, Wagner P, Friess H, Stadler J. Littoral Cell Angioma and Angiosarcoma of the Spleen: Report of Two Cases in Siblings and Review of the Literature. *J Gastrointest Surg* 2012; 16(4): 863-867

53. Kranzfelder M, Zywitz D, Jell T, Schneider A, Gillen S, Friess H, Feussner H. Real-Time Monitoring for Detection of Retained Surgical Sponges and Team Motion in the Surgical Operation Room Using Radio-Frequency-Identification (RFID) Technology: A Preclinical Evaluation. *J Surg Res* 2012; 175(2): 191-198
54. Kugler EM, Mazzuoli G, Demir IE, Ceyhan GO, Zeller F, Schemann M. Activity of protease-activated receptors in primary cultured human myenteric neurons. *Front Neurosci* 2012; 6: 133
55. Loos M, Michalski CW, Kleeff J. Asymptomatic pancreatic lesions: New insights and clinical implications. *World J Gastroenterol* 2012; 18(33): 4474-4477
56. Loos M, Friess H. Is there new hope for patients with marginally resectable liver malignancies. *World J Gastrointest Surg* 2012; 4(7): 163-165
57. Löffler T, Rossion I, Bruckner T, Diener MK, Koch M, von FM, Pochhammer J, Thomusch O, Kijak T, Simon T, Mihaljevic AL, Kruger M, Stein E, Prechtel G, Hodina R, Michal W, Strunk R, Henkel K, Bunse J, Jaschke G, Politt D, Heistermann HP, Fusser M, Lange C, Stamm A, Vosschulte A, Holzer R, Partecke LI, Burdzik E, Hug HM, Luntz SP, Kieser M, Buchler MW, Weitz J. HAnd Suture Versus STAppling for Closure of Loop Ileostomy (HASTA Trial): results of a multicenter randomized trial (DRKS00000040). *Ann Surg* 2012; 256(5): 828-835
58. Mascetta G, di Mola FF, Tavano F, Selvaggi F, Giese N, Bassi C, Buchler MW, Friess H, Di SP. Substance P and Neprilysin in Chronic Pancreatitis. *Eur Surg Res* 2012; 48(3): 131-138
59. Matevossian E, Aßfalg V, Doll D, Babaryka6 G, Wildgruber M, Dobritz M, Thorban S, Friess H, Kornberg A. Das Hepatozelluläre Karzinom - Screening, Diagnostik und Therapie. *Klinikarzt* 2012; 41(6/7): 282-284
60. Meding S, Balluff B, Elsner M, Schone C, Rauser S, Nitsche U, Maak M, Schafer A, Hauck SM, Ueffing M, Langer R, Hofler H, Friess H, Rosenberg R, Walch A. Tissue Based Proteomics Reveals FXYD3, S100A11 and GSTM3 as Novel Markers for Regional Lymph Node Metastasis in Colon Cancer. *J Pathol* 2012; 228(4): 459-470
61. Meding S, Nitsche U, Balluff B, Elsner M, Rauser S, Schone C, Nipp M, Maak M, Feith M, Ebert MP, Friess H, Langer R, Hofler H, Zitzelsberger H, Rosenberg R, Walch A. Tumor Classification of Six Common Cancer Types Based on Proteomic Profiling by MALDI Imaging. *J Proteome Res* 2012; 11(3): 1996-2003
62. Mihaljevic AL, Friess H. Operatives Vorgehen bei zystischen Pankreastumoren: Radikale Resektion und organerhaltende Resektion. *Viszeralmedizin* 2012; 27(3): 214-224
63. Mihaljevic AL, Michalski CW, Erkan M, Reiser-Erkan C, Jaeger C, Schuster T, Schuhmacher C, Kleeff J, Friess H. 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. *Trials* 2012; 13(1): 57

64. Nitsche U, Rosenberg R, Balmert A, Schuster T, Slotta-Huspenina J, Herrmann P, Bader FG, Friess H, Schlag PM, Stein U, Janssen KP. Integrative marker analysis allows risk assessment for metastasis in stage II colon cancer. *Ann Surg* 2012; 256(5): 763-771
65. Nitsche U, Maak M, Künzli B, Schuster T, Friess H, Rosenberg R. Prognostic factors and survival improvements in stage IV colorectal cancer. *Eur Surg* 2012; 44(1): 47-53
66. Noel PB, Bendik E, Munzel D, Schneider A, Goshen L, Gringauz A, Lamash Y, Vlassenbroek A, Fingerle AA, Rummeny EJ, Dobritz M. A method for improving iodine contrast enhancement in abdominal computed tomography: experimental study in a pig model. *Eur Radiol* 2012; 23(4): 985-990
67. Novotny A, Reim D, Friess H, Schuhmacher C. Rekonstruktion nach Gastrektomie und Magenresektion. *Allgemein- und Viszeralchirurgie up2date* 2012; 6(5): 359-371
68. Novotny AR, Reim D, Aßfalg V, Altmayr F, Friess HM, Emmanuel K, Holzmann B. Mixed antagonist response and sepsis severity-dependent dysbalance of pro- and anti-inflammatory responses at the onset of postoperative sepsis. *Immunobiology* 2012; 217(6): 616-621
69. Padov N, Blum T, Ahmadi SA, Feussner H, Berger MO, Navab N. Statistical modeling and recognition of surgical workflow. *Med Image Anal* 2012; 16(3): 632-641
70. Pehl C, Keller J, Allescher HD, Feussner H, Frieling T, Goebel-Stengel M, Gschossmann J, Kuhlbusch-Zicklam R, Monnikes H, Nguyen HN, Muller M, Schirra J, Storr M, van dV, I, Yuce B. [Diagnosis of oesophageal reflux by PH, impedance, and bilirubin measurement: recommendations of the German Society of Neurogastroenterology and of the working group for neurogastroenterology of the German Society for Digestive and Metabolic Diseases]. *Z Gastroenterol* 2012; 50(12): 1310-1332
71. Prade E, Tobiasch M, Hitkova I, Schaffer I, Lian F, Xing X, Tanzer M, Rauser S, Walch A, Feith M, Post S, Rocken C, Schmid RM, Ebert MP, Burgermeister E. Bile Acids Down-Regulate Caveolin-1 in Esophageal Epithelial Cells through Sterol Responsive Element-Binding Protein. *Mol Endocrinol* 2012; 26(5): 819-832
72. Raggi MC, Siebert SB, Friess H, Schremmer-Danninger E, Thorban S, Dinkel A. Sexual and relationship functioning before and after renal transplantation: A descriptive study with patients and partners. *Scand J Urol Nephrol* 2012; 46(6): 431-436
73. Rahbari NN, Knebel P, Kieser M, Bruckner T, Bartsch DK, Friess H, Mihaljevic AL, Stern J, Diener MK, Voss S, Rossion I, Buechler MW, Seiler CM. Design and current status of CONTINT: continuous versus interrupted abdominal wall closure after emergency midline laparotomy - a randomized controlled multicenter trial [NCT00544583]. *Trials* 2012; 13(1): 72-80
74. Regel I, Kong B, Raulefs S, Erkan M, Michalski CW, Hartel M, Kleeff J. Energy metabolism and proliferation in pancreatic carcinogenesis. *Langenbecks Arch Surg* 2012; 397(4): 507-512

75. Reiser SB, Wilhelm D, Kranzfelder M, Gillen S, Friess H, Feussner H. Chirurgische Therapie der Achalasie. *Endo heute* 2012; 25(3): 180-183
76. Riediger C, Mayr M, Berger H, Becker K, Dobritz M, Kleeff J, Friess H. Transarterial chemoembolization of liver metastases as symptomatic therapy of lipase hypersecretion syndrome. *J Clin Oncol* 2012; 30(23): e209-e212
77. Rieger A, Bachmann J, Schulte-Frohlinde E, Burzin M, Nahrig J, Friess H, Martignoni ME. Total gastric necrosis subsequent to acute pancreatitis. *Pancreas* 2012; 41(2): 325-327
78. Schauer MC, Stoecklein NH, Theisen J, Kropil F, Baldus S, Hoelscher A, Feith M, Bolke E, Matuschek C, Budach W, Knoefel WT. The simultaneous expression of both ephrin B3 receptor and E-cadherin in Barrett's adenocarcinoma is associated with favorable clinical staging. *Eur J Med Res* 2012; 17(1): 10
79. Schuhmacher C, Novotny A, Feith M, Friess H. [The new TNM classification of tumors of the esophagogastric junction : Surgical consequences.]. *Chirurg* 2012; 83(1): 23-30
80. Schwandt T, Schumak B, Gielen GH, Jungerkes F, Schmidbauer P, Klocke K, Staratschek-Jox A, van RN, Kraal G, Ludwig-Portugall I, Franken L, Wehner S, Kalff JC, Weber O, Kirschning C, Coch C, Kalinke U, Wenzel J, Kurts C, Zawatzky R, Holzmann B, Layland L, Schultze JL, Burgdorf S, den Haan JM, Knolle PA, Limmer A. Expression of type I interferon by splenic macrophages suppresses adaptive immunity during sepsis. *EMBO J* 2012; 31(1): 201-213
81. Shastny A, Matevossian E, Doll D. Duodenum-preserving pancreatic head resection in patients with chronic pancreatitis - our modification of Beger's operation versus the original Berne version of Beger's operation. *Surg Chron* 2012; 17(2): 88-94
82. Skorokhod A, Bachmann J, Giese N, Martignoni ME, Krakowski-Roosen H. Real-Imaging cDNA-AFLP Transcript Profiling of Pancreatic Cancer Patients: Egr-1 as a Potential Key Regulator of Muscle Cachexia. *BMC Cancer* 2012; 12(1): 265
83. Slotta-Huspenina J, Berg D, Bauer K, Wolff C, Malinowsky K, Bauer L, Drecoll E, Bettstetter M, Feith M, Walch A, Hofler H, Becker KF, Langer R. Evidence of prognostic relevant expression profiles of heat-shock proteins and glucose-regulated proteins in oesophageal adenocarcinomas. *PLoS ONE* 2012; 7(7): e41420
84. Stoeckelhuber M, Scherer EQ, Janssen KP, Slotta-Huspenina J, Loeffelbein DJ, Rohleider NH, Niebler M, Hasler R, Kesting MR. The Human Submandibular Gland: Immunohistochemical Analysis of Snare and Cytoskeletal Proteins. *J Histochem Cytochem* 2012; 60(2): 110-120
85. Su Y, Loos M, Giese N, Metzen E, Buchler MW, Friess H, Kornberg A, Buchler P. Prolyl hydroxylase-2 (PHD2) exerts tumor-suppressive activity in pancreatic cancer. *Cancer* 2012; 118(4): 960-972

86. Tian S, Roepman P, Popovici V, Michaut M, Majewski I, Salazar R, Santos C, Rosenberg R, Nitsche U, Mesker WE, Bruin S, Tejpar S, Delorenzi M, Bernards R, Simon I. A robust genomic signature for the detection of colorectal cancer patients with microsatellite instability phenotype and high mutation frequency. *J Pathol* 2012; 228(4): 586-595
87. Vallon M, Aubele P, Janssen KP, Essler M. Thrombin-induced shedding of tumour endothelial marker 5 and exposure of its RGD motif are regulated by cell-surface protein disulfide-isomerase. *Biochem J* 2012; 441(3): 937-944
88. Wang J, Sun Q, Morita Y, Jiang H, Gross A, Lechel A, Hildner K, Guachalla LM, Gompf A, Hartmann D, Schambach A, Wuestefeld T, Dauch D, Schrezenmeier H, Hofmann WK, Nakauchi H, Ju Z, Kestler HA, Zender L, Rudolph KL. A differentiation checkpoint limits hematopoietic stem cell self-renewal in response to DNA damage. *Cell* 2012; 148(5): 1001-1014
89. Wang L, Schumann U, Liu Y, Prokopchuk O, Steinacker JM. Heat shock protein 70 (Hsp70) inhibits oxidative phosphorylation and compensates ATP balance through enhanced glycolytic activity. *J Appl Physiol* 2012; 113(11): 1669-1676
90. Weber GF, Rosenberg R, Murphy JE, Buschenfelde CM, Friess H. Multimodal treatment strategies for locally advanced rectal cancer. *Expert Rev Anticancer Ther* 2012; 12(4): 481-494
91. Wilhelm D, Kranzfelder M, Fiolka A, Bader F, Feussner H. Telematisch unterstützte Interventionen in der Onkologie: Was bringen sie? *Onkologe* 2012; 18(5): 419-424
92. Winter C, Kristiansen G, Kersting S, Roy J, Aust D, Knosel T, Rummele P, Jahnke B, Henrich V, Ruckert F, Niedergethmann M, Weichert W, Bahra M, Schlitt HJ, Settmacher U, Friess H, Buchler M, Saeger HD, Schroeder M, Pilarsky C, Grutzmann R. Google goes cancer: improving outcome prediction for cancer patients by network-based ranking of marker genes. *PLoS Comput Biol* 2012; 8(5): e1002511
93. Zeestraten EC, Maak M, Shibayama M, Schuster T, Nitsche U, Matsushima T, Nakayama S, Gohda K, Friess H, van d, V, Ishihara H, Rosenberg R, Kuppen PJ, Janssen KP. Specific activity of cyclin-dependent kinase 1 is a new potential predictor of tumour recurrence in stage II colon cancer. *Br J Cancer* 2012; 106(1): 133-140

Buchbeiträge

1. Demir IE, Friess H, Ceyhan G. Generation and Impact of Neural Invasion in Pancreatic Cancer. In: Srivastava SK (ed) *Pancreatic Cancer - Clinical Management*. InTech, 2012, pp 295-312

2. Feussner H, Gillen S, Kranzfelder M, Fiolka A, Schneider A, Friess H, Wilhelm D. Klinischer Impact von computerassistierten Interventionen im OP. In: Niederlag W, Lemke HU, Strauß G, Feussner H (eds) Der digitale Operationssaal. Health Academy, Dresden, 2012, pp 93-104
3. Hüser N, Aßfalg V, Reim D, Novotny A, Hartmann D, Friess H. Pancreatic cancer - current status of multimodal management. In: Ramesh H, Nundy S (eds) The Pancreas - ECAB Clinical Update: Surgical Gastroenterology and Liver Transplantation. Elsevier, New Delhi, 2012, pp 45-64
4. Laschinger M, Aßfalg V, Matevossian E, Friess H, Hüser N. Potential of Heterotopic Cardiac Transplantation in Mice as a Model for Elucidating Mechanisms of Graft ejection. In: Moffatt-Bruce SD (ed) Cardiac Transplantation. InTech, 2012, pp 125-142
5. Wilhelm D, Gumprecht J, Fiolka A, Schneider A, Lütz T, Feussner H. Robotersysteme im OP-Saal. In: Niederlag W, Lemke HU, Strauß G, Feussner H (eds) Der digitale Operationssaal. Health Academy, Dresden, 2012, pp 105-122