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Abubakar M, Orr N, Daley F, Coulson P, Raza AH, Blows F, Benitez J, Milne R, Brenner H, Stegmaier C, Mannermaa A, Chang-Claude J, Rudolph A, Sinn P, Couch FJ, Devilee P, Tollenaar RAEM, Seynaeve C, Figueroa J, Sherman ME, Lissowska J, Hewitt S, Eccles D, Hooning MJ, Hollestelle A, Martens JWM, van Deurzen CHM, kConFab Investigators, Bolla MK, Wang Q, Jones M, Schoemaker M, Wesseling J, van Leeuwen FE, Van 't Veer L, Easton D, Swerdlow AJ, Dowsett M, Pharoah PD, Schmidt MK, Garcia-Closas M. Prognostic value of automated Ki67 scoring in breast cancer: A centralised evaluation of 8088 patients from 10 study groups. *Breast Cancer Res.* 18;18(1):104. (IF: 5.21)

Abubakar M, Howat WJ, Daley F, Zabaglo L, McDuffus LA, Blows F, Coulson P, Raza AH, Benitez J, Milne R, Brenner H, Stegmaier C, Mannermaa A, Chang-Claude J, Rudolph A, Sinn P, Couch FJ, Devilee P, Figueroa J, Sherman ME, Lissowska J, Hewitt S, Eccles D, Hooning MJ, Hollestelle A, Martens JWM, van Deurzen CHM, kConFab Investigators, Bolla MK, Wang Q, Jones M, Schoemaker M, Broeks A, van Leeuwen FE, Van 't Veer L, Swerdlow AJ, Orr N, Dowsett M, Easton D, Schmidt MK, Pharoah PD, Garcia-Closas M: High-throughput automated scoring of Ki67 in breast cancer tissue microarrays from the breast cancer association consortium (BCAC). *J Pathol Clin Res.* 2016;2(3):138-53. (IF: 7.38)

Affolter A, Muller MF, Sommer K, Stenzinger A, Zaoui K, Lorenz K, Wolf T, Sharma S, Wolf J, Perner S, Weber KJ, Freier K, Plinkert PK, Hess J, Weichert W. Targeting irradiation-induced mitogen-activated protein kinase activation in vitro and in an ex vivo model for human head and neck cancer. *Head Neck.* 2016;38 Suppl 1:E2049-61. (IF: 2.76)

Al-Batran SE, Hofheinz RD, Pauligk C, Kopp HG, Haag GM, Luley KB, Meiler J, Homann N, Lorenzen S, Schmalenberg H, Probst S, Koenigsmann M, Egger M, Prasnikar N, Caca K, Trojan J, Martens UM, Block A, Fischbach W, Mahlberg R, Clemens M, Illerhaus G, Zirlik K, Behringer DM, Schmiegel W, Pohl M, Heike M, Ronellenfitsch U, Schuler M, Bechstein WO, Königsrainer A, Gaiser T, Schirmacher P, Hozaeel W, Reichart A, Goetze TO, Sievert M, Jäger E, Mönig S, Tannapfel A. Histopathological regression after neoadjuvant docetaxel, oxaliplatin, fluorouracil, and leucovorin versus epirubicin, cisplatin, and fluorouracil or capecitabine in patients with resectable gastric or gastro-oesophageal junction adenocarcinoma (FLOT4-AIO): results from the phase 2 part of a multicentre, open-label, randomised phase 2/3 trial. *Lancet Oncol.* 2016;17(12):1697-1708. (IF: 26.51)

Andrici J, Goeppert B, Sioson L, Clarkson A, Renner M, Stenzinger A, Tayao M, Watson N, Farzin M, Toon CW, Smith RC, Mittal A, Samra JS, Hugh TJ, Chou A, Lawlor RT, Weichert W, Schirmacher P, Speradio N, Ruzzenente A, Scarpa A, Gill AJ. Loss of BAP1 Expression Occurs Frequently in Intrahepatic Cholangiocarcinoma. *Medicine (Baltimore).* 2016;95(2):e2491. (IF: 2.13)

Apostolidis L, Bergmann F, Jäger D, Winkler EC. Efficacy of topotecan in pretreated metastatic poorly differentiated extrapulmonary neuroendocrine carcinoma. *Cancer Med.* 2016;5(9):2261-7. (IF: 2.92)

Aykut B, Wieczorek K, Schirmacher P, Büchler MW, Hoffmann K. A rare case of recurrent malignant triton tumor in a male with NF1: Case report and mini-review. *Int J Surg Case Rep.* 2016;21:121-4. (IF: 0.73)

Bangert A, Andrassy M, Müller AM, Bockstahler M, Fischer A, Volz CH, Leib C, Göser S, Korkmaz-Icöz S, Zitrich S, Jungmann A, Lasitschka F, Pfister G, Müller OJ, Katus HA, Kaya Z. Critical role of RAGE and HMGB1 in inflammatory heart disease. *Proc Natl Acad Sci U S A.* 2016;113(2):E155-64. (IF: 9.4)

Bartosova M, Rudolf A, Pichl S, Schmidt K, Okun JG, Straub BK, Rutkowski R, Witowski J, Schmitt CP. Increased storage and secretion of phosphatidylcholines by senescent human peritoneal mesothelial cells. *Clin Exp Nephrol.* 2016;20(4):544-51. (IF: 1.95)

Baumgarten P, Blank AE, Franz K, Hattingen E, Dunst M, Zeiner P, Hoffmann K, Bähr O, Mäder L, Goeppert B, Machein M, Seifert V, Steinbach JP, Plate KH, Harter PN, Mittelbronn M. Differential expression of vascular endothelial growth factor A, its receptors VEGFR-1, -2, and -3 and co-receptors neuropilin-1 and -2 does not predict bevacizumab response in human astrocytomas. *Neuro Oncol.* 2016;18(2):173-83. (IF: 7.37)

Bochtler T, Fröhling S, Weichert W, Endris V, Thiede C, Hutter B, Hundemer M, Ho AD, Krämer A. Evolution of a FLT3-TKD mutated subclone at meningeal relapse in acute promyelocytic leukemia. *Cold Spring Harb Mol Case Stud.* 2016;2(5):a001123. (IF: ?)

Borde JP, Sitaru G, Kopp WH, Ruhparwar A, Ehlermann P, Lasitschka F, Dalpke A, Heininger A. Heart transplantation as salvage therapy for progressive prosthetic valve endocarditis due to methicillin-resistant *Staphylococcus epidermidis* (MRSE). *J Cardiothorac Surg.* 2016 Jul;11(1):100. (IF: 1.04)

Boskamp T, Lachmund D, Oetjen J, Cordero Hernandez Y, Trede D, Maass P, Casadonte R, Kriegsmann J, Warth A, Dienemann H, Weichert W, **Kriegsmann M**. A new classification method for MALDI imaging mass spectrometry data acquired on formalin-fixed paraffin-embedded tissue samples. *Biochim Biophys Acta.* 2016 . pii: S1570-9639(16)30230-8 8. (IF: 5.34)

Botla SK, Savant S, Jandaghi P, Bauer AS, Mücke O, Moskalev EA, Neoptolemos JP, Costello E, Greenhalf W, Scarpa A, Gaida MM, Büchler MW, Strobel O, Hackert T, Giese NA, Augustin HG, Hoheisel JD. Early Epigenetic Downregulation of microRNA-192 Expression Promotes Pancreatic Cancer Progression. *Cancer Res.* 2016;76(14):4149-59. (IF: 8.56)

Budczies J, Bockmayr M, Denkert C, Klauschen F, Gröschel S, Darb-Esfahani S, Pfarr N, Leichsenring J, Onozato ML, Lennerz JK, Dietel M, Fröhling S, Schirmacher P, Iafrate AJ, Weichert W, **Stenzinger A**. Pan-cancer analysis of copy number changes in programmed death-ligand 1 (PD-L1, CD274) - associations with gene expression, mutational load, and survival. *Genes Chromosomes Cancer.* 2016;55(8):626-39. (IF: 3.96)

Budczies J, Pfarr N, Stenzinger A, Treue D, Endris V, Ismaeel F, Bangemann N, Blohmer JU, Dietel M, Loibl S, Klauschen F, Weichert W, Denkert C. Ioncopy: a novel method for calling copy number alterations in amplicon sequencing data including significance assessment. *Oncotarget.* 2016;7(11):13236-47. (IF: 5.01)

Burkhardt D, Bartosova M, Schaefer B, Grabe N, Lahrmann B, Nasser H, Freise C, Schneider A, Lingnau A, Degenhardt P, Ranchin B, Sallay P, Cerkauskiene R, Malina M, Ariceta G, Schmitt CP, Querfeld U. Reduced Microvascular Density in Omental Biopsies of Children with Chronic Kidney Disease. *PLoS One.* 2016;11(11):e0166050. (IF:3.06)

Carr PR, Jansen L, Walter V, Kloor M, Roth W, Bläker H, Chang-Claude J, Brenner H, Hoffmeister M. Associations of red and processed meat with survival after colorectal cancer and differences according to timing of dietary assessment. *Am J Clin Nutr.* 2016;103(1):192-200. (IF: 6.70)

Cerwenka A, Kopitz J, Schirmacher P, Roth W, Gdynia G. HMGB1: The metabolic weapon in the arsenal of NK cells. *Mol Cell Oncol.* 2016;3(4):e1175538. (IF: ?)

Chamorro C, Mencía A, Almarza D, Duarte B, Büning H, Sallach J, Hausser I, Del Río M, Larcher F, Murillas R. Gene Editing for the Efficient Correction of a Recurrent COL7A1 Mutation in Recessive Dystrophic Epidermolysis Bullosa Keratinocytes. *Mol Ther Nucleic Acids.* 2016;5:e307. (IF: 5.64)

Cyrklaff M, Srismith S, Nyboer B, Burda K, Hoffmann A, Lasitschka F, Adjalley S, Bisseye C, Simpore J, Mueller AK, Sanchez CP, Frischknecht F, Lanzer M. Oxidative insult can induce malaria-protective trait of sickle and fetal erythrocytes. *Nat Commun.* 2016;7:13401. (IF: 11.33)

Czink E, Heining C, Weber TF, Lasitschka F, Schemmer P, Schirmacher P, Weiss KH, Glimm H, Brors B, Weichert W, Jäger D, Fröhling S, Springfield C. Durable remission under dual HER2 blockade with Trastuzumab and Pertuzumab in a patient with metastatic gallbladder cancer. *Z Gastroenterol.* 2016;54(5):426-30. (IF: 1.36)

Dapunt U, Gaida MM, Meyle E, Prior B, Hänsch GM. Activation of phagocytic cells by *Staphylococcus epidermidis* biofilms: effects of extracellular matrix proteins and the bacterial stress protein GroEL on netosis and MRP-14 release. *Pathog Dis.* 74(5). pii: ftw035. (IF: 2.48)

Darb-Esfahani S, Denkert C, Stenzinger A, Salat C, Sinn B, Schem C, Endris V, Klare P, Schmitt W, Blohmer JU, Weichert W, Möbs M, Tesch H, Kümmel S, Sinn P, Jackisch C, Dietel M, Reimer T, Loi S, Untch M, von Minckwitz G, Nekljudova V, Loibl S. Role of TP53 mutations in triple negative and HER2-positive breast cancer treated with neoadjuvant anthracycline/taxane-based chemotherapy. *Oncotarget.* 2016;7(42):67686-98. (IF: 5.01)

Denkert C, Wienert S, Poterie A, Loibl S, Budczies J, Badve S, Bago-Horvath Z, Bane A, Bedri S, Brock J, Chmielik E, Christgen M, Colpaert C, Demaria S, Van den Eynden G, Floris G, Fox SB, Gao D, Ingold Heppner B, Kim SR, Kos Z, Kreipe HH, Lakhani SR, Penault-Llorca F, Pruneri G, Radosevic-Robin N, Rimm, Schnitt SJ, Sinn BV, Sinn P, Sirtaine N, O'Toole SA, Viale G, Van de Vijver K, de Wind R, von Minckwitz G, Klauschen F, Untch M, Fasching PA, Reimer T, Willard-Gallo K, Michiels S, Loi S, Salgado R: Standardized evaluation of tumor-infiltrating lymphocytes in breast cancer: results of the ring studies of the international immuno-oncology biomarker working group. *Mod Pathol.* 29(10):1155-64. (IF: 5.49)

Diaz-Lagares A, Crujeiras AB, Lopez-Serra P, Soler M, Setien F, Goyal A, Sandoval J, Hashimoto Y, Martinez-Cardús A, Gomez A, Heyn H, Moutinho C, Espada J, Vidal A, Paúles M, Galán M, Sala N, Akiyama Y, Martínez-Iniesta M, Farré L, Villanueva A, Gross M, Diederichs S, Guil S, Esteller M. Epigenetic inactivation of the p53-induced long noncoding RNA TP53 target 1 in human cancer. *Proc Natl Acad Sci U S A.* 2016;113(47):E7535-E7544. (IF: 9.83)

Dieter SM, Heining C, Agaimy A, Huebschmann D, Bonekamp D, Hutter B, Ehrenberg KR, Fröhlich M, Schlesner M, Scholl C, Schlemmer HP, Wolf S, Mavratzas A, Jung CS, Gröschel S, von Kalle C, Eils R, Brors B, Penzel R, Kriegsmann M, Reuss DE, Schirmacher P, Stenzinger A, Federspil PA, Weichert W, Glimm H, Fröhling S. Mutant KIT as imatinib-sensitive target in metastatic sinonasal carcinoma. *Ann Oncol.* 2016. pii: mdw446. doi: 10.1093/annonc/mdw446 (IF: 9.27)

Dietrich S, Pircher A, Endris V, Peyrade F, Wendtner CM, Follows GA, Hüllein J, Jethwa A, Ellert E, Walther T, Liu X, Dyer MJ, Elter T, Brummer T, Zeiser R, Hermann M, Herold M, Weichert W, Dearden C, Haferlach T, Seiffert M, Hallek M, von Kalle C, Ho AD, Gaehler A, Andrusis M, Steurer M, Zenz T. BRAF inhibition in hairy cell leukemia with low-dose vemurafenib. *Blood.* 2016;127(23):2847-55. (IF: 11.85)

Distler F, Radtke JP, Kesch C, Roethke M, Schlemmer HP, Roth W, Hohenfellner M, Hadaschik B. [Value of MRI/ultrasound fusion in primary biopsy for the diagnosis of prostate cancer]. *Urologe A.* 2016 Feb;55(2):146-55. (IF:?)

Dubash TD, Hoffmann CM, Oppel F, Giessler KM, Weber S, Dieter SM, Hüllein J, Zenz T, Herbst F, Scholl C, Weichert W, Werft W, Benner A, Schmidt M, Schneider M, Glimm H, Ball CR. Phenotypic

differentiation does not affect tumorigenicity of primary human colon cancer initiating cells. *Cancer Lett.* 2016;371(2):326-33. (IF: 5.99)

Endris V, Stenzinger A, Pfarr N, Penzel R, Möbs M, Lenze D, Darb-Esfahani S, Hummel M, Sabine-Merkelbach-Bruse, Jung A, Lehmann U, Kreipe H, Kirchner T, Büttner R, Jochum W, Höfler G, Dietel M, Weichert W, **Schirmacher P**. NGS-based BRCA1/2 mutation testing of high-grade serous ovarian cancer tissue: results and conclusions of the first international round robin trial. *Virchows Arch.* 2016;468(6):697-705. (IF: 2.63)

Erbel C, Mukhammadaminova N, Gleissner CA, Osman NF, Hofmann NP, Steuer C, Akhavanpoor M, Wangler S, Celik S, Doesch AO, Voss A, Buss SJ, Schnabel PA, Katus HA, Korosoglou G. Myocardial Perfusion Reserve and Strain-Encoded CMR for Evaluation of Cardiac Allograft Microvasculopathy. *JACC Cardiovasc Imaging.* 2016;9(3):255-66. (IF: 2.59)

Esmaeilzadeh M, Fonouni H, Golriz M, Majlesara A, Kuttymuratov G, Bergmann F, Jarahian P, Khazaeipour Z, Faridar A, Rad MT, Longerich T, Gebhard MM, Mehrabi A. Evaluation of the modified HTK solution in pancreas transplantation-An experimental model. *Asian J Surg.* 2016;39(2):66-73. (IF: 0.91)

Evers C, Kaufmann L, Seitz A, Paramasivam N, Granzow M, Karch S, Fischer C, Hinderhofer K, Gdynia G, Elsässer M, Pinkert S, Schlesner M, Bartram CR, Moog U. Exome sequencing reveals a novel CWF19L1 mutation associated with intellectual disability and cerebellar atrophy. *Am J Med Genet A.* 2016;170(6):1502-9. (IF: 2.08)

Fabian J, Opitz D, Althoff K, Lodrini M, Hero B, Volland R, Beckers A, de Preter K, Decock A, Patil N, Abba M, Kopp-Schneider A, Astrahantseff K, Wünschel J, Pfeil S, Ercu M, Künkele A, Hu J, Thole T, Schweizer L, Mechtersheimer G, Carter D, Cheung BB, Popanda O, von Deimling A, Koster J, Versteeg R, Schwab M, Marshall GM, Speleman F, Erb U, Zoeller M, Allgayer H, Simon T, Fischer M, Kulozik AE, Eggert A, Witt O, Schulte JH, Deubzer HE. MYCN and HDAC5 transcriptionally repress CD9 to trigger invasion and metastasis in neuroblastoma. *Oncotarget.* 2016;7(41):66344-59. (IF: 5.01)

Felix K, Dobiasch S, Gaida MM, Schneider K, Werner J, Martens E, Vandooren J, Opdenakker G. Differential Diagnosis of Autoimmune Pancreatitis From Pancreatic Cancer by Analysis of Serum Gelatinase Levels. *Pancreas.* 2016;45(7):1048-55. (IF: 2.74)

Felix K, Gaida MM. Neutrophil-Derived Proteases in the Microenvironment of Pancreatic Cancer - Active Players in Tumor Progression. *Int J Biol Sci.* 2016;12(3):302-13. (IF: 3.98)

Felix K, Hauck O, Schnölzer M, Kempf T, Warnken U, Schneider K, Bergmann F, Fritz S, Werner J. Identification of Novel Serum Autoantibodies for Differential Diagnosis of Autoimmune Pancreatitis and Pancreatic Ductal Adenocarcinoma. *Pancreas.* 2016;45(9):1309-19. (IF: 2.74)

Flechsig P, Choyke P, Kratochwil C, Warth A, Antoch G, Holland Letz T, Rath D, Eichwald V, Huber PE, Kauczor HU, Haberkorn U, Giesel FL. Increased x-ray attenuation in malignant vs. benign mediastinal nodes in an orthotopic model of lung cancer. *Diagn Interv Radiol.* 2016;22(1):35-9. (IF: 1.41)

Flechsig P, Kratochwil C, Warth A, Rath D, Eichwald V, Huber PE, Kauczor HU, Haberkorn U, Giesel FL. A Comparison of microCT and microPET for Evaluating Lymph Node Metastasis in a Rat Model. *Mol Imaging Biol.* 2016;18(2):243-8. (IF: 2.57)

Friedrich K, Smit M, Brune M, Giese T, Rupp C, Wannhoff A, Kloeters P, Leopold Y, Denk GU, Weiss KH, Stremmel W, Sauer P, Hohenester S, Schirmacher P, Schemmer P, Gotthardt DN. CD14 is associated with biliary stricture formation. *Hepatology.* 2016;64(3):843-52. (IF: 11.71)

Gaida MM, Dapunt U, Hänsch GM. Sensing developing biofilms: the bitter receptor T2R38 on myeloid cells. *Pathog Dis.* 2016;74(3) pii: ftw004. (IF: 2.48)

Gaida MM, Mayer C, Dapunt U, Stegmaier S, Schirmacher P, Wabnitz GH, Hänsch GM. Expression of the bitter receptor T2R38 in pancreatic cancer: localization in lipid droplets and activation by a bacteria-derived quorum-sensing molecule. *Oncotarget.* 2016;7(11):12623-32. (IF: 5.01)

Gdynia G. [HMGB1 as metabolic weapon in the arsenal of natural killer cells]. *Pathologe.* 2016;37(Suppl 2):169-72. (IF: 0.54)

Gdynia G, Sauer SW, Kopitz J, Fuchs D, Duglova K, Ruppert T, Miller M, Pahl J, Cerwenka A, Enders M, Mairbäurl H, Kamiński MM, Penzel R, Zhang C, Fuller JC, Wade RC, Benner A, Chang-Claude J, Brenner H, Hoffmeister M, Zentgraf H, Schirmacher P, Roth W. The HMGB1 protein induces a metabolic type of tumour cell death by blocking aerobic respiration. *Nat Commun.* 2016;7:10764. (IF: 11.33)

Gehrke N, Wörns MA, Huber Y, Hess M, Straub BK, Hövelmeyer N, Waisman A, Kim YO, Schuppan D, Galle PR, Schattenberg JM. Hepatic B cell leukemia-3 promotes hepatic steatosis and inflammation through insulin-sensitive metabolic transcription factors. *J Hepatol.* 2016;65(6):1188-97. (IF: 10.60)

Goeppert B, Ernst C, Baer C, Roessler S, Renner M, Mehrabi A, Hafezi M, Pathil A, Warth A, Stenzinger A, Weichert W, Bähr M, Will R, Schirmacher P, Plass C, Weichenhan D. Cadherin-6 is a putative tumor suppressor and target of epigenetically dysregulated miR-429 in cholangiocarcinoma. *Epigenetics.* 2016;11(11):780-90. (IF: 4.77)

González-Vallinas M, Breuhahn K. MicroRNAs are key regulators of hepatocellular carcinoma (HCC) cell dissemination-what we learned from microRNA-494. *Hepatobiliary Surg Nutr.* 2016;5(4):372-6. (IF: ?)

Goyal A, Myacheva K, Groß M, Klingenberg M, Duran Arqué B, **Diederichs S.** Challenges of CRISPR/Cas9 applications for long non-coding RNA genes. *Nucleic Acids Res.* 2016;30. pii: gkw883. (IF: 9.20)

Greil J, Verga-Falzacappa MV, Echner NE, Behnisch W, Bandapalli OR, Pechanska P, Immenschuh S, Vijayan V, Balla J, Tsukahara H, Schneider M, Janka G, Claus M, Longerich T, Muckenthaler MU, Kulozik AE. Mutating heme oxygenase-1 into a peroxidase causes a defect in bilirubin synthesis associated with microcytic anemia and severe hyperinflammation. *Haematologica.* 2016;101(11):e436-9. (IF: 6.67)

Gröschel S, Bommer M, Hutter B, Budczies J, Bonekamp D, Heining C, Horak P, Fröhlich M, Uhrig S, Hübschmann D, Geörg C, Richter D, Pfarr N, Pfütze K, Wolf S, Schirmacher P, Jäger D, von Kalle C, Brors B, Glimm H, Weichert W, Stenzinger A, Fröhling S. Integration of genomics and histology revises diagnosis and enables effective therapy of refractory cancer of unknown primary with PDL1 amplification. *Cold Spring Harb Mol Case Stud.* 2016;2(6):a001180. (IF: ?)

Günther F, Merle U, Frank U, Gaida MM, Mutters NT. Pseudobacteremia outbreak of biofilm-forming *Achromobacter xylosoxidans* - environmental transmission. *BMC Infect Dis.* 2016;16(1):584. (IF: 2.69)

Gutschner T, Haemmerle M, Genovese G, Draetta GF, Chin L. Post-translational Regulation of Cas9 during G1 Enhances Homology-Directed Repair. *Cell Rep.* 2016;14(6):1555-66. (IF: 7.87)

Haar J, Contrant M, Bernhardt K, Feederle R, Diederichs S, Pfeffer S, Delecluse HJ. The expression of a viral microRNA is regulated by clustering to allow optimal B cell transformation. *Nucleic Acids Res.* 2016;44(3):1326-41. (IF: 9.20)

Halama N, Zoernig I, Berthel A, Kahlert C, Klupp F, Suarez-Carmona M, Suetterlin T, Brand K, Krauss J, Lasitschka F, Lerchl T, Luckner-Minden C, Ulrich A, Koch M, Weitz J, Schneider M, Buechler MW, Zitvogel L, Herrmann T, Benner A, Kunz C, Luecke S, Springfield C, Grabe N, Falk CS, Jaeger D. Tumoral Immune Cell Exploitation in Colorectal Cancer Metastases Can Be Targeted Effectively by Anti-CCR5 Therapy in Cancer Patients. *Cancer Cell*. 2016;29(4):587-601. (IF: 23.21)

Halec G, Schmitt M, Egger S, Abnet CC, Babb C, Dawsey SM, Flechtenmacher C, Gheit T, Hale M, Holzinger D, Malekzadeh R, Taylor PR, Tommasino M, Urban MI, Waterboer T, Pawlita M, Sitas F; InterSCOPE Collaboration. Mucosal alpha-papillomaviruses are not associated with esophageal squamous cell carcinomas: Lack of mechanistic evidence from South Africa, China and Iran and from a world-wide meta-analysis. *Int J Cancer*. 2016;139(1):85-98. (IF: 5.53)

Handra-Luca A, Ben Romdhane MH, Straub BK. Lipid Histiocytosis of the Gallbladder Neck Lymph Node. *Case Rep Pathol*. 2016;2016:1061507. (IF: ?)

Has C, Schwieger-Briel A, Schlipf N, Hausser I, Chmel N, Rösler B, Technau K, Jakob T, Zimmer A, Fischer J. (2016) Target-sequence Capture and High Throughput Sequencing Identify a de novo CARD14 Mutation in an Infant with Erythrodermic Pityriasis Rubra Pilaris. *Acta Derm Venereol*. 96:989-90. (IF: 0.54)

He Y, Maier K, Leppert J, Hausser I, Schwieger-Briel A, Weibel L, Theiler M, Kiritsi D, Busch H, Boerries M, Hannula-Jouppi K, Heikkilä H, Tasanen K, Castiglia D, Zambruno G, Has C. Monoallelic Mutations in the Translation Initiation Codon of KLHL24 Cause Skin Fragility. *Am J Hum Genet*. 2016;99(6):1395-404. (IF: 10.79)

Heil J, Schaeffgen B, Sinn P, Richter H, Harcos A, Gomez C, Stieber A, Hennigs A, Rauch G, Schuetz F, Sohn C, Schneeweiss A, Golatta M. Can a pathological complete response of breast cancer after neoadjuvant chemotherapy be diagnosed by minimal invasive biopsy? *Eur J Cancer* (2016) 69:142-50. (IF: 6.16)

Heller A, Angelova AL, Bauer S, Grekova SP, Aprahamian M, Rommelaere J, Volkmar M, Janssen JW, Bauer N, Herr I, Giese T, Gaida MM, Bergmann F, Hackert T, Fritz S, Giese NA. Establishment and Characterization of a Novel Cell Line, ASAN-PaCa, Derived From Human Adenocarcinoma Arising in Intraductal Papillary Mucinous Neoplasm of the Pancreas. *Pancreas*. 2016;45(10):1452-60. (IF: 2.74)

Hennigs A, Fuchs V, Sinn HP, Riedel F, Rauch G, Smetanay K, Golatta M, Domschke C, Schuetz F, Schneeweiss A, Sohn C, Heil J: Do Patients After Reexcision Due to Involved or Close Margins Have the Same Risk of Local Recurrence as Those After One-Step Breast-Conserving Surgery? *Ann Surg Oncol*. 23(6):1831-7 (IF: 3.66)

Hennigs A, Riedel F, Gondos A, Sinn P, Schirmacher P, Marmé F, Jäger D, Kauczor HU, Stieber A, Lindel K, Debus J, Golatta M, Schütz F, Sohn C, Heil J, Schneeweiss A. Prognosis of breast cancer molecular subtypes in routine clinical care: A large prospective cohort study. *BMC Cancer*. 2016;16(1):734 (IF: 3.27)

Hennigs A, Riedel F, Marmé F, Sinn P, Lindel K, Gondos A, Smetanay K, Golatta M, Sohn C, Schuetz F, Heil J, Schneeweiss A. Changes in chemotherapy usage and outcome of early breast cancer patients in the last decade. *Breast Cancer Res Treat* 2016;160(3):491-9 (IF: 4.09)

Herpel E, Schmitt S, Kiehntopf M. Qualität von Biomaterialien im Biobanking von Flüssig- und Gewebeproben *Bundesgesundheitsblatt Gesundheitsforschung Gesundheitsschutz* 2016;59(3):325-35. (IF: 1.50)

Hirschberg K, Wiedmann F, Zitron E, Fortner P, Riffel JH, Chorianopoulos E, Gdynia G, Mechtersheimer G, Andrassy M, Szabó G, Arif R, Katus HA, Buss SJ. Incidental finding of a giant intracardiac angioma infiltrating both ventricles in a 35-year-old woman: a case report. *J Med Case Rep.* 2016;10:94. (IF: 0.69)

Hoefflin R, Lahrmann B, Warsow G, Hübschmann D, Spath C, Walter B, Chen X, Hofer L, Macher-Goeppinger S, Tolstov Y, Korzeniewski N, Duensing A, Grüllich C, Jäger D, Perner S, Schönberg G, Nyarangi-Dix J, Isaac S, Hatiboglu G, Teber D, Hadaschik B, Pahernik S, Roth W, Eils R, Schlesner M, Sültmann H, Hohenfellner M, Grabe N, Duensing S. Spatial niche formation but not malignant progression is a driving force for intratumoural heterogeneity. *Nat Commun.* 2016;7:ncomms11845. (IF: 11.33)

Hoffmann H, Junker K, Kugler C, Schnabel PA, **Wirth A.** Application and interpretation of the R classification for lung cancer : Results of a survey of certified lung cancer centers. *Pathologe.* 2016;37(3):258-68. (IF: 0.54)

Holzer K, Drucker E, Oliver S, Winkler J, Eiteneuer E, Herpel E, Breuhahn K, Singer S. Cellular apoptosis susceptibility (CAS) is overexpressed in thyroid carcinoma and maintains tumor cell growth: A potential link to the BRAFV600E mutation. *Int J Oncol.* 2016;48(4):1679-87. (IF: 3.02)

Horn D, Bodem J, Freudlsperger C, Zittel S, Weichert W, Hoffmann J, Freier K. Outcome of heavily pretreated recurrent oral squamous cell carcinoma after salvage resection: A monocentric retrospective analysis. *J Craniomaxillofac Surg.* 2016;44(8):1061-6. (IF: 1.48)

Jesinghaus M, Pfarr N, Endris V, Kloor M, Volckmar AL, Brandt R, Herpel E, Muckenhuber A, Lasitschka F, Schirmacher P, Penzel R, Weichert W, Stenzinger A. Genotyping of colorectal cancer for cancer precision medicine: Results from the IPH Center for Molecular Pathology. *Genes Chromosomes Cancer.* 2016;55(6):505-21. (IF: 3.96)

Jesinghaus M, Pfarr N, Kloor M, Endris V, Tavernar L, Muckenhuber A, von Knebel Doeberitz M, Penzel R, Weichert W, Stenzinger A. Genetic heterogeneity in synchronous colorectal cancers impacts genotyping approaches and therapeutic strategies. *Genes Chromosomes Cancer.* 2016;55(3):268-77. (IF: 3.96)

Jia M, Jansen L, Walter V, Tagscherer K, Roth W, Herpel E, Kloor M, Bläker H, Chang-Claude J, Brenner H, Hoffmeister M. No association of CpG island methylator phenotype and colorectal cancer survival: population-based study. *Br J Cancer.* 2016;115(11):1359-66. (IF: 5.57)

Jungk C, Mock A, Exner J, Geisenberger C, Warta R, Capper D, Abdollahi A, Friauf S, Lahrmann B, Grabe N, Beckhove P, von Deimling A, Unterberg A, Herold-Mende C. Spatial transcriptome analysis reveals Notch pathway-associated prognostic markers in IDH1 wild-type glioblastoma involving the subventricular zone. *BMC Med.* 2016;14(1):170. (IF: 8.00)

Kaiser J, Fritz S, Klauss M, Bergmann F, Hinz U, Strobel O, Schneider L, Büchler MW, Hackert T. Enucleation: A treatment alternative for branch duct intraductal papillary mucinous neoplasms. *Surgery.* 2016;pii:S0039-6060(16)30609-2. (IF: 3.31)

Kesch C, Radtke JP, Distler F, Boxler S, Klein T, Hüttenbrink C, Hees K, Roth W, Roethke M, Schlemmer HP, Hohenfellner M, Hadaschik BA. [Multiparametric MRI and MRI-TRUS fusion biopsy in patients with prior negative prostate biopsy]. *Urologe A.* 2016 Aug;55(8):1071-7. (IF:?)

Kirsten R, Hummel M. Securing the sustainability of biobanks. *Bundesgesundheitsblatt Gesundheitsforschung Gesundheitsschutz.* 2016;59(3):390-5. (IF: 1.50)

Kittas A, Delobelle A, Schmitt S, Breuhahn K, Guziolowski C, Grabe N. Directed random walks and constraint programming reveal active pathways in hepatocyte growth factor signaling. *FEBS J.* 2016;283(2):350-60. (IF: 4.24)

Klaproth K, Lasitschka F, Rodewald HR. Multilayered ancestry of arterial macrophages. *Nat Immunol.* 2016;17(2):117-8. (IF: 19.38)

Klauschen F, Bläker H, Stenzinger A, Chapman JS, Collisson EA, Taylor BS. Clinical Sequencing Contributes to a BRCA-Associated Cancer Rediagnosis That Guides an Effective Therapeutic Course. *J Natl Compr Canc Netw.* 2016;14(3):lxvi-lxviii. (IF: 2.56)

Klein K, Rübenacker S, Schaefer SM, Kihm LP, Schwenger V, Macher-Goeppinger S, Schemmer P, Süsald C, Zeier M, Morath C, Becker LE. Tissue Expression of Aquaporin 2 Is Correlated to Urine Output and Allograft Function in Sensitized Kidney Transplant Patients. *Transplant Proc.* 2016;48(8):2629-36. (IF: 0.87)

Knoll M, Macher-Goeppinger S, Kopitz J, Duensing S, Pahernik S, Hohenfellner M, Schirmacher P, **Roth W**. The ribosomal protein S6 in renal cell carcinoma: functional relevance and potential as biomarker. *Oncotarget.* 2016;7(1):418-32. (IF: 5.01)

Koehler BC, Arslan-Schmitt T, Peccerella T, Scherr AL, Schulze-Bergkamen H, Bruckner T, Gdynia G, Jäger D, Mueller S, Bartsch H, Seitz HK. Possible Mechanisms of Ethanol-Mediated Colorectal Carcinogenesis: The Role of Cytochrome P4502E1, Etheno-DNA Adducts, and the Anti-Apoptotic Protein Mcl-1. *Alcohol Clin Exp Res.* 2016;40(10):2094-101. (IF: 2.83)

Koelsche C, Renner M, Johann P, Leiss I, Sahm F, Schimmack S, Wardelmann E, Renker EK, Schirmacher P, Korshunov A, von Deimling A, **Mechtersheimer G**. Differential nuclear ATRX expression in sarcomas. *Histopathology.* 2016;68(5):738-45. (IF: 3.43)

Korkmaz-Icöz S, Al Said S, Radovits T, Li S, Brune M, Hegedűs P, Atmanli A, Ruppert M, Brlecic P, Lehmann LH, Lahrmann B, Grabe N, Yoshikawa Y, Yasui H, Most P, Karck M, Szabó G. Oral treatment with a zinc complex of acetylsalicylic acid prevents diabetic cardiomyopathy in a rat model of type-2 diabetes: activation of the Akt pathway. *Cardiovasc Diabetol.* 2016 May 6;15:75. (IF: 4.53)

Kordes M, Röring M, Heining C, Braun S, Hutter B, Richter D, Geörg C, Scholl C, Gröschel S, Roth W, Rosenwald A, Geissinger E, von Kalle C, Jäger D, Brors B, Weichert W, Grüllich C, Glimm H, Brummer T, Fröhling S. Cooperation of BRAF(F595L) and mutant HRAS in histiocytic sarcoma provides new insights into oncogenic BRAF signaling. *Leukemia.* 2016;30(4):937-46. (IF: 12.10)

Kortüm KM, Mai EK, Hanafiah NH, Shi CX, Zhu YX, Bruins L, Barrio S, Jedlowski P, Merz M, Xu J, Stewart RA, Andrulis M, Jauch A, Hillengass J, Goldschmidt H, Bergsagel PL, Braggio E, Stewart AK, Raab MS. Targeted sequencing of refractory myeloma reveals a high incidence of mutations in CRBN and Ras pathway genes. *Blood.* 2016;128(9):1226-33. (IF: 11.85)

Kreuter M, Ehlers-Tenenbaum S, Palmowski K, Bruhwyl J, Oltmanns U, Muley T, Heussel CP, Warth A, Kolb M, Herth FJ. Impact of Comorbidities on Mortality in Patients with Idiopathic Pulmonary Fibrosis. *PLoS One.* 2016;11(3):e0151425. (IF: 3.06)

Kriegsmann M, Casadonte R, Kriegsmann J, Dienemann H, Schirmacher P, Hendrik Kobarg J, Schwamborn K, Stenzinger A, Warth A, Weichert W. Reliable Entity Subtyping in Non-small Cell Lung

Cancer by Matrix-assisted LasernDesorption/Ionization Imaging Mass Spectrometry on Formalin-fixed Paraffin-embedded Tissue Specimens. *Mol Cell Proteomics*. 2016;15(10):3081-9. (IF: 5.91)

Kriegsmann M, Longuespée R, Wandernoth P, Mohanu C, Lisenko K, Weichert W, Warth A, Dienemann H, De Pauw E, Katzenberger T, Aust D, Baretton G, Kriegsmann J, Casadonte R. Typing of colon and lung adenocarcinoma by high throughput imaging mass spectrometry. *Biochim Biophys Acta*. 2016;pii: S1570-9639(16)30257-6. (IF: 5.34)

Kriegsmann M, Randau TM, Gravius S, Lisenko K, Altmann C, Arens N, Kriegsmann J. Expression of miR-146a, miR-155, and miR-223 in formalin-fixed paraffin-embedded synovial tissues of patients with rheumatoid arthritis and osteoarthritis. *Virchows Arch*. 2016;469(1):93-100. (IF: 2.63)

Kriegsmann M, Warth A. Ki-67 expression in pulmonary tumors-reply. *Transl Lung Cancer Res*. 2016;5(5):552-3. (IF: 1.7)

Kriegsmann M, Warth A. What is better/reliable, mitosis counting or Ki67/MIB1 staining? *Transl Lung Cancer Res*. 2016;5(5):543-6. (IF: 1.7)

Kristen AV, Brokbals E, Aus dem Siepen F, Bauer R, Hein S, Aurich M, Riffel J, Behrens HM, Krüger S, Schirmacher P, Katus HA, Röcken C. Cardiac Amyloid Load: A Prognostic and Predictive Biomarker in Patients With Light-Chain Amyloidosis. *J Am Coll Cardiol*. 2016;68(1):13-24. (IF: 17.76)

Kubitz R, Dröge C, Kluge S, Stindt J, Stross C, Häussinger D, Flechtenmacher C, Wenning D, Teufel U, Schmitt CP, Engelmann G. High affinity anti-BSEP antibodies after liver transplantation for PFIC-2 - Successful treatment with immunoabsorption and B-cell depletion. *Pediatr Transplant*. 2016;20(7):987-93. (IF: 1.28)

Kühl T, Mezger M, Hausser I, Guey LT, Handgretinger R, Bruckner-Tuderman L, Nyström A. Collagen VII Half-Life at the Dermal-Epidermal Junction Zone: Implications for Mechanisms and Therapy of Genodermatoses. *J Invest Dermatol*. 2016;136(6):1116-23. (IF: 6.92)

Lennerz JK, McLaughlin HM, Baron JM, Rasmussen D, Sumbada Shin M, Berners-Lee N, Miller Batten J, Swoboda KJ, Gala MK, Winter HS, Schmahmann JD, Sweetser DA, Boswell M, Pacula M, Stenzinger A, Le LP, Hynes W, Rehm HL, Klibanski A, Black-Schaffer SW, Golden JA, Louis DN, Weiss ST, Iafrate AJ. Health Care Infrastructure for Financially Sustainable Clinical Genomics. *J Mol Diagn*. 2016;18(5):697-706. (IF: 5.20)

Leowardi C, Schneider ML, Hinz U, Harnoss JM, Tarantino I, Lasitschka F, Ulrich A, Büchler MW, Kadmon M. Prognosis of Ulcerative Colitis-Associated Colorectal Carcinoma Compared to Sporadic Colorectal Carcinoma: A Matched Pair Analysis. *Ann Surg Oncol*. 2016;23(3):870-6. (IF: 3.66)

Lermen D, Glück L, **Schirmacher P**. 2016 ISBER Annual Meeting and Exhibits in Berlin—"Breaking Down Walls: Unifying Biobanking Communities to Secure Our Sustainability". *Biopreserv Biobank*. 2016;14(1):84-6. (IF: 1.80)

Lermen D, Glück L, **Schirmacher P**. And Walls Shall Break: The ISBER 2016 Annual Meeting and Exhibits. *Biopreserv Biobank*. 2016;14(3):260-1. (IF: 1.80)

Lichtmannegger J, Leitzinger C, Wimmer R, Schmitt S, Schulz S, Kabiri Y, Eberhagen C, Rieder T, Janik D, Neff F, Straub BK, Schirmacher P, DiSpirito AA, Bandow N, Baral BS, Flatley A, Kremmer E, Denk G, Reiter FP, Hohenester S, Eckardt-Schupp F, Dencher NA, Adamski J, Sauer V, Niemietz C, Schmidt HH, Merle U, Gotthardt DN, Kroemer G, Weiss KH, Zischka H. Methanobactin reverses acute liver failure in a rat model of Wilson disease. *J Clin Invest*. 2016;126(7):2721-35. (IF: 12.58)

Link S, Grund SE, **Diederichs S.** Alternative splicing affects the subcellular localization of Drosha. Nucleic Acids Res. 2016;44(11):5330-43. (IF: 9.20)

Lisenko K, Cremer M, Schwarzbich MA, Kriegsmann M, Ho AD, Witzens-Harig M, Wuchter P. Efficient Stem Cell Collection after Modified Cisplatin-Based Mobilization Chemotherapy in Patients with Diffuse Large B Cell Lymphoma. Biol Blood Marrow Transplant. 2016;22(8):1397-402. (IF: 3.98)

Lisenko K, Pavel P, Kriegsmann M, Bruckner T, Hillengass J, Goldschmidt H, Witzens-Harig M, Ho AD, Wuchter P. Storage Duration of Autologous Stem Cell Preparations Has No Impact on Hematopoietic Recovery after Transplantation. Biol Blood Marrow Transplant. 2016;pii: S1083-8791(16)31190-9. (IF: 3.98)

Lisenko K, Schönland SO, Jauch A, Andrusik M, Röcken C, Ho AD, Goldschmidt H, Hegenbart U, Hundemer M. Flow cytometry-based characterization of underlying clonal B and plasma cells in patients with light chain amyloidosis. Cancer Med. 2016 5(7):1464-72. (IF: 2.92)

Löffler H, Pfarr N, Kriegsmann M, Endris V, Hielscher T, Lohneis P, Folprecht G, Stenzinger A, Dietel M, **Weichert W, Krämer A.** Molecular driver alterations and their clinical relevance in cancer of unknown primary site. Oncotarget. 2016;7(28):44322-9. (IF: 5.01)

Longuespée R, Alberts D, Pottier C, Smargiasso N, Mazzucchelli G, Baiwir D, Kriegsmann M, Herfs M, Kriegsmann J, Delvenne P, De Pauw E. A laser microdissection-based workflow for FFPE tissue microproteomics: Important considerations for small sample processing. Methods. 2016;104:154-62. (IF: 3.50)

Longuespée R, Casadonte R, Kriegsmann M, Pottier C, Picard de Muller G, Delvenne P, Kriegsmann J, De Pauw E. MALDI mass spectrometry imaging: A cutting-edge tool for fundamental and clinical histopathology. Proteomics Clin Appl. 2016;10(7):701-19. (IF: 2.96)

Lotz J, Olesch J, Muller B, Polzin T, Galuschka P, Lotz JM, Heldmann S, Laue H, Gonzalez-Vallinas M, Warth A, Lahrmann B, Grabe N, Sedlaczek O, Breuhahn K, Modersitzki J. Patch-Based Nonlinear Image Registration for Gigapixel Whole Slide Images. IEEE Trans Biomed Eng. 2016;63(9):1812-1819. (IF: 2.47)

Lüdecke S, Ertych N, Stenzinger A, Weichert W, Beissbarth T, Dyczkowski J, Gaedcke J, Valerius O, Braus GH, Kschischio M, Bastians H. The putative oncogene CEP72 inhibits the mitotic function of BRCA1 and induces chromosomal instability. Oncogene. 2016;35(18):2398-406. (IF: 7.93)

Maass T, Marquardt J, Lee JS, Krupp M, Scholz-Kreisel P, Mogler C, Schirmacher P, Müller M, Westphal H, Galle PR, Teufel A. Increased liver carcinogenesis and enrichment of stem cell properties in livers of Dickkopf 2 (Dkk2) deleted mice. Oncotarget. 2016;7(20):28903-13. (IF: 5.01)

Matzke-Ogi A, Jannasch K, Shatirishvili M, Fuchs B, Chiblak S, Morton J, Tawk B, Lindner T, Sansom O, Alves F, Warth A, Schwager C, Mier W, Kleeff J, Ponta H, Abdollahi A, Orian-Rousseau V. Inhibition of Tumor Growth and Metastasis in Pancreatic Cancer Models by Interference With CD44v6 Signaling. Gastroenterology. 2016;150(2):513-25.e10. (IF: 18.19)

Mayer C, Darb-Esfahani S, Meyer AS, Hübner K, Rom J, Sohn C, Braicu I, Sehouli J, Hänsch GM, **Gaida MM.** Neutrophil Granulocytes in Ovarian Cancer - Induction of Epithelial-To-Mesenchymal-Transition and Tumor Cell Migration. J Cancer. 2016;7(5):546-54. (IF: 3.61)

Mehrabi A, Hoffmann K, Weiss KH, Mogler C, Schemmer P, Büchler MW, Alldinger I. Long term follow up after resection emphasizes the role of surgery in Primary Hepatic Epithelioid Hemangioendothelioma. *Ann Med Surg (Lond)*. 2016;11:1-4. (IF: ?)

Mijošek V, Lasitschka F, Warth A, Zabeck H, Dalpke AH, Weitnauer M. Endoplasmic Reticulum Stress Is a Danger Signal Promoting Innate Inflammatory Responses in Bronchial Epithelial Cells. *J Innate Immun*. 2016;8(5):464-78. (IF: 4.27)

Mock A, Geisenberger C, Orlik C, Warta R, Schwager C, Jungk C, Dutruel C, Geiselhart L, Weichenhan D, Zucknick M, Nied AK, Friauf S, Exner J, Capper D, Hartmann C, Lahrmann B, Grabe N, Debus J, von Deimling A, Popanda O, Plass C, Unterberg A, Abdollahi A, Schmezer P, Herold-Mende C. LOC283731 promoter hypermethylation prognosticates survival after radiochemotherapy in IDH1 wild-type glioblastoma patients. *Int J Cancer*. 2016;139(2):424-32. (IF: 5.53)

Mogler C, Springer W, Gorenflo M. Fibromuscular dysplasia of the coronary arteries: a rare cause of death in infants and young children. *Cardiol Young*. 2016;26(1):202-5. (IF: 0.83)

Muckenhuber A, Babitzki G, Thomas M, Hözlwimmer G, Zajac M, Jesinghaus M, Bergmann F, Werner J, Stenzinger A, **Weichert W**. Profiling of cMET and HER Family Receptor Expression in Pancreatic Ductal Adenocarcinomas and Corresponding Lymph Node Metastasis to Assess Relevant Pathways for Targeted Therapies: Looking at the Soil Before Planting the Seed. *Pancreas*. 2016;45(8):1167-74. (IF: 2.74)

Müller H, Renner M, Helmke BM, Mollenhauer J, Felderhoff-Müser U. Elevated DMBT1 levels in neonatal gastrointestinal diseases. *Histochem Cell Biol*. 2016;145(2):227-37. (IF: 2.78)

Munteanu M, Tiniakos D, Anstee Q, Charlotte F, Marchesini G, Bugianesi E, Trauner M, Romero Gomez M, Oliveira C, Day C, Dufour JF, Bellentani S, Ngo Y, Traussnig S, Perazzo H, Deckmyn O, Bedossa P, Ratziu V, Poynard T; FLIP Consortium and the FibroFrance Group. Diagnostic performance of FibroTest, SteatoTest and ActiTTest in patients with NAFLD using the SAF score as histological reference. *Aliment Pharmacol Ther*. 2016 Oct;44(8):877-89. (IF: 6.32)

Neumann MH, Schneck H, Decker Y, Schömer S, Franken A, Endris V, Pfarr N, Weichert W, Niederacher D, Fehm T, Neubauer H. Isolation and characterization of circulating tumor cells using a novel workflow combining the CellSearch® system and the CellCeptor™. *Biotechnol Prog*. 33(1):125-32. (IF: 2.17)

Nientiedt C, Tolstov Y, Volckmar AL, Endris V, Bonekamp D, Haberkorn U, Jäger D, Sültmann H, Stenzinger A, Hohenfellner M, Grüllich C, Duensing S. PARPinhibition in BRCA2-mutated prostate cancer. *Ann Oncol*. 2016;pii: mdw445. (IF: 9.27)

Nöske K, Stark HJ, Nevaril L, Berning M, Langbein L, Goyal A, Diederichs S, Boukamp P. Mitotic Diversity in Homeostatic Human Interfollicular Epidermis. *Int J Mol Sci*. 2016;17(2). (IF: 3.26)

Noll EM, Eisen C, Stenzinger A, Espinet E, Muckenhuber A, Klein C, Vogel V, Klaus B, Nadler W, Rösli C, Lutz C, Kulke M, Engelhardt J, Zickgraf FM, Espinosa O, Schlesner M, Jiang X, Kopp-Schneider A, Neuhaus P, Bahra M, Sinn BV, Eils R, Giese NA, Hackert T, Strobel O, Werner J, Büchler MW, Weichert W, Trumpp A, Sprick MR. CYP3A5 mediates basal and acquired therapy resistance in different subtypes of pancreatic ductal adenocarcinoma. *Nat Med*. 2016;22(3):278-87. (IF: 30.36)

Oliver Metzig M, Fuchs D, Tagscherer KE, Gröne HJ, Schirmacher P, **Roth W**. Inhibition of caspases primes colon cancer cells for 5-fluorouracil-induced TNF- α -dependent necroptosis driven by RIP1 kinase and NF- κ B. *Oncogene*. 2016;35(26):3399-409. (IF: 7.93)

Ori A, Iskar M, Buczak K, Kastritis P, Parca L, Andrés-Pons A, Singer S, Bork P, Beck M. (2016) Spatiotemporal variation of mammalian protein complex stoichiometries. *Genome Biol.* 2016 14;17:47. (IF: 11.31)

Petersen I, **Wirth A**. Lung cancer: developments, concepts, and specific aspects of the new WHO classification. *J Cancer Res Clin Oncol.* 2016;142(5):895-904. (IF: 3.14)

Pfarr N, Penzel R, Klauschen F, Heim D, Brandt R, Kazdal D, Jesinghaus M, Herpel E, Schirmacher P, Wirth A, Weichert W, Endris V, **Stenzinger A**. Copy number changes of clinically actionable genes in melanoma, non-small cell lung cancer and colorectal cancer-A survey across 822 routine diagnostic cases. *Genes Chromosomes Cancer.* 2016;55(11):821-33. (IF: 3.96)

Pfarr N, Sinn HP, Klauschen F, Flechtenmacher C, Bockmayr M, Ridinger K, von Winterfeld M, Wirth A, Lorenz K, Budczies J, Penzel R, Lennerz JK, Endris V, Weichert W, **Stenzinger A**. Mutations in genes encoding PI3K-AKT and MAPK signaling define anogenital papillary hidradenoma. *Genes Chromosomes Cancer.* 2016;55(2):113-9. (IF: 3.96)

Pfarr N, **Stenzinger A**. Mutations of cancer-related genes in benign tumors: the example of hidradenoma papilliferum. *Hum Pathol.* 2016;pii:S0046-8177(16)30313-6. (IF: 2.79)

Pfarr N, Stenzinger A, Penzel R, Wirth A, Dienemann H, Schirmacher P, Weichert W, **Endris V**. High-throughput diagnostic profiling of clinically actionable gene fusions in lung cancer. *Genes Chromosomes Cancer.* 2016;55(1):30-44. (IF: 3.96)

Pickl JM, Tichy D, Kuryshov VY, Tolstov Y, Falkenstein M, Schüler J, Reidenbach D, Hotz-Wagenblatt A, Kristiansen G, Roth W, Hadaschik B, Hohenfellner M, Duensing S, Heckmann D, Sültmann H. Ago-RIP-Seq identifies Polycomb repressive complex I member CBX7 as a major target of miR-375 in prostate cancer progression. *Oncotarget.* 2016;7(37):59589-603. (IF: 5.01)

Ploeger C, Waldburger N, Fraas A, Goeppert B, Pusch S, Breuhahn K, Wang XW, Schirmacher P, **Roessler S**. Chromosome 8p tumor suppressor genes SH2D4A and SORBS3 cooperate to inhibit interleukin-6 signaling in hepatocellular carcinoma. *Hepatology.* 2016;64(3):828-42. (IF: 11.71)

Podgaetz E, Kriegsmann M, Dincer EH, Allan JS. Myeloid sarcoma: an unusual presentation for acute tracheal stenosis. *Clin Respir J.* 2016;10(6):800-4. (IF: 2.15)

Preusch MR, Rusnak J, Staudacher K, Mogler C, Uhlmann L, Sievers P, Bea F, Katus HA, Blessing E, Staudacher I. Ticagrelor promotes atherosclerotic plaque stability in a mouse model of advanced atherosclerosis. *Drug Des Devel Ther.* 2016;10:2691-9. (IF: 3.40)

Raab MS, Lehners N, Xu J, Ho AD, Schirmacher P, Goldschmidt H, **Andrulis M**. Spatially divergent clonal evolution in multiple myeloma: overcoming resistance to BRAF inhibition. *Blood.* 2016;127(17):2155-7. (IF: 11.85)

Radtk JP, Kuru TH, Bonekamp D, Freitag MT, Wolf MB, Alt CD, Hatiboglu G, Boxler S, Pahernik S, Roth W, Roethke MC, Schlemmer HP, Hohenfellner M, Hadaschik BA. Further reduction of disqualification rates by additional MRI-targeted biopsy with transperineal saturation biopsy compared with standard 12-core systematic biopsies for the selection of prostate cancer patients for active surveillance. *Prostate Cancer Prostatic Dis.* 2016;19(3):283-91 (IF: 3.80)

Radtk JP, Schwab C, Wolf MB, Freitag MT, Alt CD, Kesch C, Popenciu IV, Huettenbrink C, Gasch C, Klein T, Bonekamp D, Duensing S, Roth W, Schueler S, Stock C, Schlemmer HP, Roethke M, Hohenfellner M, Hadaschik BA. Multiparametric Magnetic Resonance Imaging (MRI) and MRI-

Transrectal Ultrasound Fusion Biopsy for Index Tumor Detection: Correlation with Radical Prostatectomy Specimen. Eur Urol. 2016;70(5):846-53. (IF: 14.98)

Radujkovic A, Dietrich S, Andrus M, Benner A, Longerich T, Pellagatti A, Nanda K, Giese T, Germing U, Baldus S, Boultwood J, Ho AD, Dreger P, Luft T. Expression of CDKN1C in the bone marrow of patients with myelodysplastic syndrome and secondary acute myeloid leukemia is associated with poor survival after conventional chemotherapy. Int J Cancer. 2016;139(6):1402-13. (IF: 5.53)

Rippinger N, Elsässer M, Sinn P, Sohn C, Fluhr H: *Lean Umbilical Cord – a Case Report*. Geburtshilfe und Frauenheilkunde 11/2016;76(11). (IF: 0.93)

Roeder F, Lehner B, Saleh-Ebrahimi L, Hensley FW, Ulrich A, Alldinger I, Mechtersheimer G, Huber PE, Krempien R, Bischof M, Debus J, Uhl M. Intraoperative electron radiation therapy combined with external beam radiation therapy and limb sparing surgery in extremity soft tissue sarcoma: a retrospective single center analysis of 183 cases. Radiother Oncol. 2016;119(1):22-9. (IF: 4.82)

Röhrich M, Koelsche C, Schrimpf D, Capper D, Sahm F, Kratz A, Reuss J, Hovestadt V, Jones DT, Bewerunge-Hudler M, Becker A, Weis J, Mawrin C, Mittelbronn M, Perry A, Mautner VF, Mechtersheimer G, Hartmann C, Okuducu AF, Arp M, Seiz-Rosenhagen M, Hänggi D, Heim S, Paulus W, Schittenhelm J, Ahmadi R, Herold-Mende C, Unterberg A, Pfister SM, von Deimling A, Reuss DE. Methylation-based classification of benign and malignant peripheral nerve sheath tumors. Acta Neuropathol. 2016;131(6):877-87. (IF: 11.36)

Roth A, Diederichs S. Long Noncoding RNAs in Lung Cancer. Curr Top Microbiol Immunol. 2016;394:57-110. (IF: 4.67)

Samarin J, Laketa V, Malz M, Roessler S, Stein I, Horwitz E, Singer S, Dimou E, Cigliano A, Bissinger M, Falk CS, Chen X, Dooley S, Pikarsky E, Calvisi DF, Schultz C, Schirmacher P, **Breuhahn K**. PI3K/AKT/mTOR-dependent stabilization of oncogenic far-upstream element binding proteins in hepatocellular carcinoma cells. Hepatology. 2016;63(3):813-26. (IF: 11.71)

Sas-Chen A, Aure MR, Leibovich L, Carvalho S, Enuka Y, Körner C, Polycarpou-Schwarz M, Lavi S, Nevo N, Kuznetsov Y, Yuan J, Azuaje F; Oslo Breast Cancer Research Consortium (OSBREAC) Sauer, Torill, Geisler, Jürgen, Hofvind, Solveig, Bathen, Tone, Borgen, Elin, Engebråten, Olav, Fodstad, Øystein, Garred, Øystein, Geitvik, Gry, Aarum, Kåresen, Naume R, Mælandsmo B, Mari G, Russnes Hege G, Schlichting E, Sørli T, Lingjærde OC, Sahlberg K, Kleivi S, Helle K, Fritzman B, Ulitsky I, Diederichs S, Wiemann S, Yakhini Z, Kristensen VN, Børresen-Dale AL, Yarden Y. LIMT is a novel metastasis inhibiting lncRNA suppressed by EGF and downregulated in aggressive breast cancer. EMBO Mol Med. 2016;8(9):1052-64. (IF: 9.55)

Schaefer B, Bartosova M, Macher-Goeppinger S, Ujszaszi A, Wallwiener M, Nyarangi-Dix J, Sallay P, Burkhardt D, Querfeld U, Pfeifle V, Lahrmann B, Schwenger V, Wühl E, Holland-Cunz S, Schaefer F, Schmitt CP. Quantitative Histomorphometry of the Healthy Peritoneum. Sci Rep. 2016;6:21344. (IF: 5.23)

Schaefer SM, Süsal C, Opelz G, Döhler B, Becker LE, Klein K, Sickmüller S, Waldherr R, Macher-Goeppinger S, Schemmer P, Beimler J, Zeier M, Morath C. Pre-transplant soluble CD30 in combination with total DSA but not pre-transplant C1q-DSA predicts antibody-mediated graft loss in presensitized high-risk kidney transplant recipients. HLA. 2016;87(2):89-99. (IF: 2.05)

Scheel AH, Dietel M, Heukamp LC, Jöhrens K, Kirchner T, Reu S, Rüschoff J, Schildhaus HU, Schirmacher P, Tiemann M, Warth A, Weichert W, Fischer RN, Wolf J, Büttner R. Predictive PD-L1

immunohistochemistry for non-small cell lung cancer: Current state of the art and experiences of the first German harmonization study. *Pathologe*. 2016;37(6):557-67. (IF: 0.54)

Scheel AH, Dietel M, Heukamp LC, Jöhrens K, Kirchner T, Reu S, Rüschoff J, Schildhaus HU, Schirmacher P, Tiemann M, Warth A, Weichert W, Fischer RN, Wolf J, Buettner R. Harmonized PD-L1 immunohistochemistry for pulmonary squamous-cell and adenocarcinomas. *Mod Pathol*. 2016;29(10):1165-72. (IF: 5.49)

Scherr AL, Gdynia G, Salou M, Radhakrishnan P, Duglova K, Heller A, Keim S, Kautz N, Jassowicz A, Elssner C, He 7(8)YW, Jaeger D, Heikenwalder M, Schneider M, Weber A, Roth W, Schulze-Bergkamen H, Koehler BC. Bcl-xL is an oncogenic driver in colorectal cancer. *Cell Death Dis*. 2016;7(8):e2342. (IF: 5.38)

Schimmack S, Kneller S, Dadabaeva N, Bergmann F, Taylor A, Hackert T, Werner J, Strobel O. Epithelial to Stromal Re-Distribution of Primary Cilia during Pancreatic Carcinogenesis. *PLoS One*. 2016;11(10):e0164231. (IF: 3.06)

Schlipf NA, Traupe H, Gilaberte Y, Peitsch WK, Hausser I, Oji V, Schmieder A, Schneider SW, Demmer P, Rösler B, Fischer J (2016) Association of Cole disease with novel heterozygous mutations in the somatomedin-B domains of the ENPP1 gene: necessary, but not always sufficient. *Br J Dermatol*. 2016;174(5):1152-6. (IF: 4.32)

Schmidt J, Gong S, Marafioti T, Mankel B, Gonzalez-Farre B, Balagué O, Mozos A, Cabeçadas J, van der Walt J, Hoehn D, Rosenwald A, Ott G, Dojcinov S, Egan C, Nadeu F, Ramis-Zaldívar JE, Clot G, Bárcena C, Pérez-Alonso V, Endris V, Penzel R, Lome-Maldonado C, Bonzheim I, Fend F, Campo E, Jaffe ES, Salaverria I, Quintanilla-Martinez L. Genome-wide analysis of pediatric-type follicular lymphoma reveals low genetic complexity and recurrent alterations of TNFRSF14 gene. *Blood*. 2016;128(8):1101-11. (IF: 11.85)

Schmidt M, Mock A, Jungk C, Sahm F, Ull AT, Warta R, Lamszus K, Gousias K, Ketter R, Roesch S, Rapp C, Schefzyk S, Urbschat S, Lahrmann B, Kessler AF, Löhr M, Senft C, Grabe N, Reuss D, Beckhove P, Westphal M, von Deimling A, Unterberg A, Simon M, Herold-Mende C. Transcriptomic analysis of aggressive meningiomas identifies PTTG1 and LEPR as prognostic biomarkers independent of WHO grade. *Oncotarget*. 2016;7(12):14551-68. (IF: 5.01)

Schmitt S, Kynast K, Schirmacher P, **Herpel E**. Challenges for quality management in implementation, maintenance, and sustainability of research tissue biobanks. *Virchows Arch*. 2016;468(1):93-9. (IF 2.63)

Schmitt T, Mayer-Steinacker R, Mayer F, Grünwald V, Schütte J, Hartmann JT, Kasper B, Hüsing J, Hajda J, Ottawa G, Mechtersheimer G, Mikus G, Burhenne J, Lehmann L, Heilig CE, Ho AD, Egerer G. Vorinostat in refractory soft tissue sarcomas - Results of a multi-centre phase II trial of the German Soft Tissue Sarcoma and Bone Tumour Working Group (AIO). *Eur J Cancer*. 2016;64:74-82. (IF: 6.16)

Schmoch T, Gal Z, Mock A, Mossemann J, Lahrmann B, Grabe N, Schmezer P, Lasitschka F, Beckhove P, Unterberg A, Herold-Mende C. Combined Treatment of ATRA with Epigenetic Drugs Increases Aggressiveness of Glioma Xenografts. *Anticancer Res*. 2016;36(4):1489-96. (IF: 1.90)

Schneider MA, Muley T, Kahn NC, Warth A, Thomas M, Herth FJ, Dienemann H, Meister M. Glycodelin is a potential novel follow-up biomarker for malignant pleural mesothelioma. *Oncotarget*. 2016;7(44):71285-97. (IF: 5.01)

Schneider T, Hoffmann H, Dienemann H, Herpel E, Heussel CP, Enk AH, Ring S, Mahnke K. Immune Response After Radiofrequency Ablation and Surgical Resection in Non-small Cell Lung Cancer. *Semin Thorac Cardiovasc Surg.* 2016;28(2):585-592. (IF: ?)

Scholz B, Korn C, Wojtarowicz J, Mogler C, Augustin I, Boutros M, Niehrs C, Augustin HG. Endothelial RSPO3 Controls Vascular Stability and Pruning through Non-canonical WNT/Ca(2+)/NFAT Signaling. *Dev Cell.* 2016;36(1):79-93. (IF: 9.34)

Schübel R, Graf ME, Nattenmüller J, Nabers D, Sookthai D, Gruner LF, Johnson T, Schlett CL, von Stackelberg O, Kirsten R, Habermann N, Kratz M, Kauczor HU, Ulrich CM, Kaaks R, Kühn T. The effects of intermittent calorie restriction on metabolic health: Rationale and study design of the HELENA Trial. *Contemp Clin Trials.* 2016;51:28-33. (IF: 2.05)

Schuette W, Dietel M, Thomas M, Eberhardt W, Griesinger F, Zirrgiebel U, Radke S, Schirmacher P. [Exon-dependent Subgroup-analysis of the Non-interventional REASON-Study: PFS and OS in EGFR-mutated NSCLC Patients Treated with Gefitinib or Chemotherapy]. *Pneumologie.* 2016;70(8):514-21. (IF: ?)

Schuette W, Eberhardt WE, Waller C, Schirmacher P, Dietel M, Zirrgiebel U, Radke S, Thomas M. Subgroup Analysis of the Non-interventional REASON Study: PFS and OS According to Age, Smoking History, Gender, and Histology in NSCLC Patients Treated with Gefitinib or Chemotherapy. *Pneumologie.* 2016;70(9):579-88. (IF: ?)

Schwamborn K, Kriegsmann M, Weichert W. MALDI imaging mass spectrometry – From bench to bedside. *Biochim Biophys Acta.* 2016;pii: S1570-9639(16)30225-4. (IF: 5.34)

Sharma KR, Heckler K, Stoll SJ, Hillebrands JL, Kynast K, Herpel E, Porubsky S, Elger M, Hadaschik B, Bieback K, Hammes HP, Nawroth PP, Kroll J. ELMO1 protects renal structure and ultrafiltration in kidney development and under diabetic conditions. *Sci Rep.* 2016;6:37172. (IF: 5.23)

Shatirishvili M, Burk AS, Franz CM, Pace G, Kastilan T, Breuhahn K, Hinterseer E, Dierich A, Bakiri L, Wagner EF, Ponta H, Hartmann TN, Tanaka M, Orian-Rousseau V. Epidermal-specific deletion of CD44 reveals a function in keratinocytes in response to mechanical stress. *Cell Death Dis.* 2016 Nov 10;7(11):e2461. (IF: 5.38)

Sinn P, Helmchen B, Schott S, Löning T: Zervixkarzinom und seine Vorstufen. *Der Onkologe* 08/2016.) 22: 737-746 (IF: 0.08)

Staufner C, Haack TB, Köpke MG, Straub BK, Kölker S, Thiel C, Freisinger P, Baric I, McKiernan PJ, Dikow N, Harting I, Beisse F, Burgard P, Kotzaeridou U, Lenz D, Kühr J, Himbert U, Taylor RW, Distelmaier F, Vockley J, Ghaloul-Gonzalez L, Ozolek JA, Zschocke J, Kuster A, Dick A, Das AM, Wieland T, Terrile C, Strom TM, Meitinger T, Prokisch H, Hoffmann GF. Recurrent acute liver failure due to NBAS deficiency: phenotypic spectrum, disease mechanisms, and therapeutic concepts. *J Inherit Metab Dis.* 2016;39(1):3-16. (IF: 3.54)

Staufner C, Lindner M, Dionisi-Vici C, Freisinger P, Dobbelaere D, Douillard C, Makhseed N, Straub BK, Kahrizi K, Ballhausen D, la Marca G, Kölker S, Haas D, Hoffmann GF, Grünert SC, Blom HJ. Adenosine kinase deficiency: expanding the clinical spectrum and evaluating therapeutic options. *J Inherit Metab Dis.* 2016;39(2):273-83. (IF: 3.54)

Strauss A, Birdsey M, Fritz S, Schwarz-Bundy BD, Bergmann F, Hackert T, Kauczor HU, Grenacher L, Klauss M. Intraductal papillary mucinous neoplasms of the pancreas: radiological predictors of

malignant transformation and the introduction of bile duct dilation to current guidelines. Br J Radiol. 2016;89(1061):20150853. (IF: 1.84)

Tagscherer KE, Fassl A, Sinkovic T, Richter J, Schecher S, Macher-Goeppinger S, **Roth W**. MicroRNA-210 induces apoptosis in colorectal cancer via induction of reactive oxygen. Cancer Cell Int. 2016;16:42. (IF: 2.88)

Tawk B, Schwager C, Deffaa O, Dyckhoff G, Warta R, Linge A, Krause M, Weichert W, Baumann M, Herold-Mende C, Debus J, Abdollahi A. Comparative analysis of transcriptomics based hypoxia signatures in head- and neck squamous cell carcinoma. Radiother Oncol. 2016;118(2):350-8. (IF: 4.82)

Textor S, Bossler F, Henrich KO, Gartlgruber M, Pollmann J, Fiegler N, Arnold A, Westermann F, Waldburger N, Breuhahn K, Golfier S, Witzens-Harig M, Cerwenka A. The proto-oncogene Myc drives expression of the NK cell-activating NKp30 ligand B7-H6 in tumor cells. Oncoimmunology. 2016;5(7):e1116674. (IF: 7.64)

Tinnofer I, Budach V, Saki M, Konschak R, Niehr F, Jöhrens K, Weichert W, Linge A, Lohaus F, Krause M, Neumann K, Endris V, Sak A, Stuschke M, Balermpas P, Rödel C, Avlar M, Grosu AL, Abdollahi A, Debus J, Belka C, Pigorsch S, Combs SE, Mönnich D, Zips D, Baumann M; DTKT-ROG. Targeted next-generation sequencing of locally advanced squamous cell carcinomas of the head and neck reveals druggable targets for improving adjuvant chemoradiation. Eur J Cancer. 2016;57:78-86 (IF: 6.16)

Tinnofer I, Stenzinger A, Eder T, Konschak R, Niehr F, Endris V, Distel L, Hautmann MG, Mandic R, Stromberger C, Weichert W, Budach V. Targeted next-generation sequencing identifies molecular subgroups in squamous cell carcinoma of the head and neck with distinct outcome after concurrent chemoradiation. Ann Oncol. 2016;27(12):2262-8. (IF: 9.27)

Tóth C, Meinrath J, Herpel E, Derix J, Fries J, Buettner R, Schirmacher P, Heikaus S. Expression of the apoptosis repressor with caspase recruitment domain (ARC) in liver metastasis of colorectal cancer and its correlation with DNA mismatch repair proteins and p53. J Cancer Res Clin Oncol. 2016;142(5):927-35. (IF: 3.14)

Valous NA, Lahrmann B, Halama N, Bergmann F, Jäger D, Grabe N. Spatial intratumoral heterogeneity of proliferation in immunohistochemical images of solid tumors. Med Phys. 2016;43(6):2936. (IF: 2.50)

Viarisio D, Mueller-Decker K, Kloz U, Aengeneyndt B, Kopp-Schneider A, Gröne HJ, Gheit T, Flechtenmacher C, Gissmann L, Tommasino M. Correction: E6 and E7 from Beta HPV38 Cooperate with Ultraviolet Light in the Development of Actinic Keratosis-Like Lesions and Squamous Cell Carcinoma in Mice. PLoS Pathog. 2016;12(10):e1006005. (IF: 7.00)

Viarisio D, Müller-Decker K, Zanna P, Kloz U, Aengeneyndt B, Accardi R, Flechtenmacher C, Gissmann L, Tommasino M. Novel β-HPV49 Transgenic Mouse Model of Upper Digestive Tract Cancer. Cancer Res. 2016;76(14):4216-25. (IF: 8.56)

Viski C, König C, Kijewska M, Mogler C, Isacke CM, Augustin HG. Endosialin-Expressing Pericytes Promote Metastatic Dissemination. Cancer Res. 2016;76(18):5313-25. (IF: 8.56)

Volckmar AL, Endris V, Bozorgmehr F, Lier C, Porcel C, Kirchner M, Leichsenring J, Penzel R, Thomas M, Schirmacher P, Warth A, Stenzinger A. Next-generation sequencing facilitates detection of the classic E13-A20 EML4-ALK fusion in an ALK-FISH/IHC inconclusive biopsy of a stage IV lung cancer patient: a case report. Diagn Pathol. 2016;11(1):133. (IF: 1.90)

Vollherbst D, Bertheau RC, Fritz S, Mogler C, Kauczor HU, Ryschich E, Radeleff BA, Pereira PL, Sommer CM. Electrochemical Effects after Transarterial Chemoembolization in Combination with Percutaneous Irreversible Electroporation: Observations in an Acute Porcine Liver Model. *J Vasc Interv Radiol.* 2016;27(6):913-921. (IF: 0.13)

von Laffert M, Schirmacher P, Warth A, Weichert W, Büttner R, Huber RM, Wolf J, Griesinger F, Dietel M, Grohé Ch. [ALK-Diagnostics in NSCLC -Immunohistochemistry (IHC) and/or Fluorescence-in-situ Hybridisation (FISH)]. *Pneumologie.* 2016;70(4):277-81. (IF: 0.07)

von Laffert M, Schirmacher P, Warth A, Weichert W, Büttner R, Huber RM, Wolf J, Griesinger F, Dietel M, Grohé C. [Statement of the German Society for Pathology and the working group thoracic oncology of the working group oncology/German Cancer Society on ALK testing in NSCLC: Immunohistochemistry and/or FISH?]. *Pathologe.* 2016;37(2):187-91. (IF: 0.54)

Walter V, Jansen L, Hoffmeister M, Ulrich A, Roth W, Bläker H, Chang-Claude J, Brenner H. Prognostic relevance of prediagnostic weight loss and overweight at diagnosis in patients with colorectal cancer. *Am J Clin Nutr.* 2016;104(4):1110-20. (IF: 6.70)

Walter V, Jansen L, Ulrich A, Roth W, Bläker H, Chang-Claude J, Hoffmeister M, Brenner H. Alcohol consumption and survival of colorectal cancer patients: a population-based study from Germany. *Am J Clin Nutr.* 2016;103(6):1497-506. (IF: 6.70)

Wang J, He P, Gaida M, Yang S, Schetter AJ, Gaedcke J, Ghadimi BM, Ried T, Yfantis H, Lee D, Weiss JM, Stauffer J, Hanna N, Alexander HR, Hussain SP. Inducible nitric oxide synthase enhances disease aggressiveness in pancreatic cancer. *Oncotarget.* 2016;7(33):52993-3004. (IF: 5.01)

Wang J, Yang S, He P, Schetter AJ, Gaedcke J, Ghadimi BM, Ried T, Yfantis HG, Lee DH, Gaida MM, Hanna N, Alexander HR, Hussain SP. Endothelial Nitric Oxide Synthase Traffic Inducer (NOSTRIN) is a Negative Regulator of Disease Aggressiveness in Pancreatic Cancer. *Clin Cancer Res.* 2016;22(24):5992-6001. (IF: 8.74)

Wannhoff A, Folseras T, Brune M, Rupp C, Friedrich K, Knierim J, Weiss KH, Sauer P, Flechtenmacher C, Schirmacher P, Stremmel W, Hov JR, Gotthardt DN. A common genetic variant of fucosyltransferase 2 correlates with serum carcinoembryonic antigen levels and affects cancer screening in patients with primary sclerosing cholangitis. *United European Gastroenterol J.* 2016;4(1):84-91. (IF: 2.93)

Wardelmann E, Haas RL, Bovée JV, Terrier P, Lazar A, Messiou C, LePechoux C, Hartmann W, Collin F, Fisher C, Mechtersheimer G, DeiTos AP, Stacchiotti S, Jones RL, Gronchi A, Bonvalot S. Evaluation of response after neoadjuvant treatment in soft tissue sarcomas; the European Organization for Research and Treatment of Cancer-Soft Tissue and Bone Sarcoma Group (EORTC-STBSG) recommendations for pathological examination and reporting. *Eur J Cancer.* 2016;53:84-95. (IF: 6.16)

Warth A, Endris V, Stenzinger A, Penzel R, Harms A, Duell T, Abdollahi A, Lindner M, Schirmacher P, Muley T, Dienemann H, Fink L, Morresi-Hauf A, Pfarr N, Weichert W. Genetic changes of non-small cell lung cancer under neoadjuvant therapy. *Oncotarget.* 2016;7(20):29761-9. (IF: 5.01)

Warth A, Körner S, Penzel R, Muley T, Dienemann H, Schirmacher P, von Knebel-Doeberitz M, Weichert W, Kloos M. Microsatellite instability in pulmonary adenocarcinomas: a comprehensive study of 480 cases. *Virchows Arch.* 2016;468(3):313-9. (IF 2.63)

Warth A, Länger F. [Report of the working group Thoracic Pathology of the German Pathological Society 2016]. *Pathologe.* 2016;37(Suppl 2):253-5. (IF: 0.54)

WARTH A, Muley T, Harms A, Hoffmann H, Dienemann H, Schirmacher P, Weichert W. Clinical Relevance of Different Papillary Growth Patterns of Pulmonary Adenocarcinoma. *Am J Surg Pathol.* 2016;40(6):818-26. (IF: 4.95)

WARTH A, Stenzinger A, Andrulis M, Schlake W, Kempny G, Schirmacher P, Weichert W. Individualized medicine and demographic change as determining workload factors in pathology: quo vadis? *Virchows Arch.* 2016;468(1):101-8. (IF: 2.63)

WINKLER J, Roessler S, Sticht C, DiGuilio AL, Drucker E, Holzer K, Eiteneuer E, Herpel E, Breuhahn K, Gretz N, Schirmacher P, Ori A, **SINGER S**. Cellular apoptosis susceptibility (CAS) is linked to integrin $\beta 1$ and required for tumor cell migration and invasion in hepatocellular carcinoma (HCC). *Oncotarget.* 2016;7(16):22883-92. (IF: 5.01)

WEICHERT W, Kossakowski C, Harms A, Schirmacher P, Muley T, Dienemann H, **WARTH A**. Proposal of a prognostically relevant grading scheme for pulmonary squamous cell carcinoma. *Eur Respir J.* 2016;47(3):938-46. (IF: 8.33)

Wild W, Rouhani G, Stelter WJ, Mechtersheimer G, Dörr P, Schwarzbach M. [Total Infrarenal Retroperitoneal Vascular Replacement in the Case of an Inflammatory Myofibroblastic Tumour]. *Zentralbl Chir.* 2016;141(5):535-537. (IF: 0.64)

Wolf B, Krieg K, Falk C, Breuhahn K, Keppeler H, Biedermann T, Schmid E, Warmann S, Fuchs J, Vetter S, Thiele D, Nieser M, Avci-Adali M, Skokowa Y, Schöls L, Hauser S, Ringelhan M, Yevsa T, Heikenwalder M, Kossatz-Boehlert U. Inducing Differentiation of Premalignant Hepatic Cells as a Novel Therapeutic Strategy in Hepatocarcinoma. *Cancer Res.* 2016;76(18):5550-61. (IF: 8.56)

Yang S, He P, Wang J, Schetter A, Tang W, Funamizu N, Yanaga K, Uwagawa T, Satoskar AR, Gaedcke J, Bernhardt M, Ghadimi BM, Gaida MM, Bergmann F, Werner J, Ried T, Hanna N, Alexander HR, Hussain SP. A Novel MIF Signaling Pathway Drives the Malignant Character of Pancreatic Cancer by Targeting NR3C2. *Cancer Res.* 2016;76(13):3838-50. (IF: 8.56)

Ye QH, Zhu WW, Zhang JB, Qin Y, Lu M, Lin GL, Guo L, Zhang B, Lin ZH, Roessler S, Forgues M, Jia HL, Lu L, Zhang XF, Lian BF, Xie L, Dong QZ, Tang ZY, Wang XW, Qin LX. GOLM1 Modulates EGFR/RTK Cell-Surface Recycling to Drive Hepatocellular Carcinoma Metastasis. *Cancer Cell.* 2016;30(3):444-58. (IF: 23.21)

Zimmer J, Weitnauer M, Boutin S, Küblbeck G, Thiele S, Walker P, Lasitschka F, Lundsgaard L, Orinska Z, Vock C, Arnold B, Wegmann M, Dalpke A. Nuclear Localization of Suppressor of Cytokine Signaling-1 Regulates Local Immunity in the Lung. *Front Immunol.* 2016;7:514. (IF: 5.70)

Zschäbitz S, Lasitschka F, Jäger D, Grüllich C. Activity of immune checkpoint inhibition in platinum refractory germ-cell tumors. *Ann Oncol.* 2016;27(7):1356-60. (IF: 9.27)

Patente

Gdynia G.

Internationale Patentanmeldung Nr. PCT/EP2016/080671

Anmelder: Ruprecht-Karls-Universität Heidelberg

Titel: Combined Preparations of PKM2 Modulators and HMGB1

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Titel: Umfassende Energiestoffwechselprofilierung maligner Tumore in ex vivo tissue slice Kulturen

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