

Publikationen 2015, Pathologisches Institut Heidelberg

Blau: Erstautorenschaft; grün: Letztautorenschaft; lila: beides

**geteilte Erstautorenschaft; °geteilte Letztautorenschaft*

Adeberg S, Bernhardt D, Harrabi SB, Bostel T, Mohr A, Koelsche C, Diehl C, Rieken S, Debus J. Metformin influences progression in diabetic glioblastoma patients. *Strahlentherapie und Onkologie: Organ der Deutschen Röntgengesellschaft*. 2015;191 (12), 928-35. (IF: 2.91)

Afshar-Oromieh A, Avtzi E, Giesel FL, Holland-Letz T, Linhart HG, Eder M, Eisenhut M, Boxler S, Hadaschik BA, Kratochwil C, Weichert W, Kopka K, Debus J, Haberkorn U. The diagnostic value of PET/CT imaging with the (68)Ga-labelled PSMA ligand HBED-CC in the diagnosis of recurrent prostate cancer. *Eur J Nucl Med Mol Imaging*. 2015 Feb;42(2):197-209. (IF: 5.38)

Ahadova A, Gebert J, von Knebel Doeberitz M, Kopitz J, Kloor M. Dose-dependent effect of 2-deoxy-D-glucose on glycoprotein mannosylation in cancer cells. *IUBMB Life*. 2015;67, 218-226. (IF: 2.65)

Alam MS*, Gaida MM*, Bergmann F, Lasitschka F, Giese T, Giese NA, Hackert T, Hinz U, Hussain SP, Kozlov SV, Ashwell JD. Selective inhibition of the p38 alternative activation pathway in infiltrating T cells inhibits pancreatic cancer progression. *Nat Med*. 2015 Nov;21(11):1337-43. (IF: 28.22)

Alldinger I, Sisic L, Hochreiter M, Weichert W, Blank S, Burian M, Grenacher L, Bruckner T, Werner J, Büchler MW, Ott K. Outcome, complications, and mortality of an intrathoracic anastomosis in esophageal cancer in patients without a preoperative selection with a risk score. *Langenbecks Arch Surg*. 2015 Jan;400(1):9-18. (IF: 2.19)

aus dem Siepen F, Buss SJ, Messroghli D, Andre F, Lossnitzer D, Seitz S, Keller M, Schnabel PA, Giannitsis E, Korosoglou G, Katus HA, Steen H. T1 mapping in dilated cardiomyopathy with cardiac magnetic resonance: quantification of diffuse myocardial fibrosis and comparison with endomyocardial biopsy. *Eur Heart J Cardiovasc Imaging*. 2015 Feb;16(2):210-6. (IF: 4.11)

Bartels S, Lehmann U, Büsche G, Schlue J, Hussein K, Debatin D, Karcher A, Andrulis M, Schirmacher P, Kreipe H. De novo CSF3R mutation associated with transformation of myeloproliferative neoplasm to atypical CML. *Ann Hematol*. 2015 Jul;94(7):1255-6. (IF: 3.02)

Bayo P*, Jou A*, Stenzinger A, Shao C, Gross M, Jensen A, Grabe N, Mende CH, Rados PV, Debus J, Weichert W, Plinkert PK, Lichter P, Freier K, Hess J. Loss of SOX2 expression induces cell motility via vimentin up-regulation and is an unfavorable risk factor for survival of head and neck squamous cell carcinoma. *Mol Oncol*. 2015 Oct;9(8):1704-19. (IF: 5.33)

Becker LE, Hallscheidt P, Schaefer SM, Klein K, Grenacher L, Waldherr R, Macher-Goepfing S, Schemmer P, Mehrabi A, Suesal C, Zeier M, Morath C. A Single-center Experience on the Value of Pancreas Graft Biopsies and HLA Antibody Monitoring After Simultaneous Pancreas-Kidney Transplantation. *Transplant Proc*. 2015 Oct;47(8):2504-12. (IF: 0.98)

Becker LE, Siebert D, Süsal C, Opelz G, Leo A, Waldherr R, Macher-Goepfing S, Schemmer P, Schaefer SM, Klein K, Beimler J, Zeier M, Schwenger V, Morath C. Outcomes Following ABO-Incompatible Kidney Transplantation Performed After Desensitization by Nonantigen-Specific Immunoabsorption. *Transplantation*. 2015 Nov;99(11):2364-71. (IF: 3.83)

Becker LE, Weritz B, Yi X, Gross-Weissmann ML, Waldherr R, Zeier M, Sommerer C. Evolution of allograft fibrosis and function in kidney transplant recipients: a retrospective analysis of stable patients under CNI and mTORi. *Transpl Int*. 2015 May;28(5):553-64. (IF: 2.84)

Bergeron C, Ronco G, Reuschenbach M, Wentzensen N, Arbyn M, Stoler M, von Knebel Doeberitz M. The clinical impact of using p16(INK4a) immunohistochemistry in cervical histopathology and cytology: an update of recent developments. *Int J Cancer*. 2015 Jun 15;136(12):2741-51. (IF: 5.09)

Bickeböller M, Tagscherer KE, Kloor M, Jansen L, Chang-Claude J, Brenner H, Hoffmeister M, Toth C, Schirmacher P, Roth W, Bläker H. Functional characterization of the tumor-suppressor MARCKS in colorectal cancer and its association with survival. *Oncogene*. 2015 Feb 26;34(9):1150-9. (IF: 8.46)

Bläker H, Hildebrandt B, Riess H, von Winterfeld M, Ingold-Heppner B, Roth W, Kloor M, Schirmacher P, Dietel M, Tao S, Jansen L, Chang-Claude J, Ulrich A, Brenner H, Hoffmeister M. Lymph node count and prognosis in colorectal cancer: the influence of examination quality. *Int J Cancer*. 2015 Apr 15;136(8):1957-66. (IF: 5.09)

Blank A, Wehweck L, Marinoni I, Boos LA, Bergmann F, Schmitt AM, Perren A. Interlaboratory variability of MIB1 staining in well-differentiated pancreatic neuroendocrine tumors. *Virchows Arch* 2015;467(5):543-50. (IF: 2.65)

Blank AE, Baumgarten P, Zeiner P, Zachskorn C, Loffler C, Schittenhelm J, Czupalla CJ, Capper D, Plate KH, Harter PN, Mittelbronn M: Tumor necrosis factor receptor superfamily member 9 (TNFRSF9) is up-regulated in reactive astrocytes in human gliomas. *Neuropathol Appl Neurobiol*. 2015;141 (6), 1131-37. (IF: 3.93)

Blank S, Deck C, Dreikhausen L, Weichert W, Giese N, Falk C, Schmidt T, Ott K. Angiogenic and growth factors in gastric cancer. *J Surg Res*. 2015 Apr;194(2):420-9. (IF: 1.94)

Blank S, Lordick F, Bader F, Burian M, Dobritz M, Grenacher L, Becker K, Weichert W, Langer R, Sisic L, Stange A, Jäger D, Büchler M, Bruckner T, Siewert J, Ott K. Post-therapeutic response evaluation by a combination of endoscopy and CT scan in esophagogastric adenocarcinoma after chemotherapy: better than its reputation. *Gastric Cancer*. 2015 Apr;18(2):314-25. (IF: 4.40)

Blattmann C, Oertel S, Thiemann M, Dittmar A, Roth E, Kulozik AE, Ehemann V, Weichert W, Huber PE, Stenzinger A, Debus J. Histone deacetylase inhibition sensitizes osteosarcoma to heavy ion radiotherapy. *Radiat Oncol*. 2015 Jul 16;10:146. (IF: 2.55)

Blattmann C, Thiemann M, Stenzinger A, Roth EK, Dittmar A, Witt H, Lehner B, Renker E, Jugold M, Eichwald V, Weichert W, Huber PE, Kulozik AE. Establishment of a patient-derived orthotopic osteosarcoma mouse model. *J Transl Med*. 2015 Apr 30;13:136. (IF: 3.93)

Boaru SG, Merle U, Uerlings R, Zimmermann A, Flechtenmacher C, Willheim C, Eder E, Ferenci P, Stremmel W, Weiskirchen R. Laser ablation inductively coupled plasma mass spectrometry imaging of metals in experimental and clinical Wilson's disease. *J Cell Mol Med*. 2015 Apr;19(4):806-14. (IF: 4.01)

Böckler D, Erhart P, Haußer-Siller I, Ellert E, Meredig H, Kovacs B. Klippel-Trénaunay-Weber syndrome associated with abdominal aortic aneurysm in childhood. *Journal of Vascular Surgery Cases*, Vol. 1, Issue 2, p174–176. (IF: 3.02)

Brandner S, von Deimling A. Review: Diagnostic, prognostic and predictive relevance of molecular markers in gliomas. *Neuropathol Appl Neurobiol*. 2015;41 (6), 694-720. (IF: 3.93)

Budczies J*, von Winterfeld M*, Klauschen F, Bockmayr M, Lennerz JK, Denkert C, Wolf T, Warth A, Dietel M, Anagnostopoulos I, Weichert W, Wittschieber D, Stenzinger A. The landscape of metastatic progression patterns across major human cancers. *Oncotarget*. 2015 Jan 1;6(1):570-83. (IF: 6.36)

Bunse L, Schumacher T, Sahm F, Pusch S, Oezen I, Rauschenbach K, Gonzalez M, Solecki G, Osswald M, Capper D, Wiestler B, Winkler F, Herold-Mende C, von Deimling A, Wick W, Platten M. Proximity ligation assay evaluates IDH1R132H presentation in gliomas. *J Clin Invest*. 2015;125 (2), 593-606. (IF: 13.26)

Buzan MT, Eichinger M, Kreuter M, Kauczor HU, Herth FJ, Warth A, Pop CM, Heussel CP, Dinkel J. T2 mapping of CT remodelling patterns in interstitial lung disease. *Eur Radiol*. 2015 Nov;25(11):3167-74. (IF: 4.01)

Campos B, Weisang S, Osswald F, Ali R, Sedlmeier G, Bageritz J, Mallm JP, Hartmann C, von Deimling A, Popanda O, Goidts V, Plass C, Unterberg A, Schmezer P, Burhenne J, Herold-Mende C: Retinoid resistance and multifaceted impairment of retinoic acid synthesis in glioblastoma. *Glia* 2015;63 (10), 1850-59. (IF: 6.00)

Cancer Genome Atlas Research N, Brat DJ, Verhaak RG, Aldape KD, Yung WK, Salama SR, Cooper LA, Rheinbay E, Miller CR, Vitucci M, Morozova O, Robertson AG, Noushmehr H, Laird PW, Cherniack AD, Akbani R, Huse JT, Ciriello G, Poisson LM, Barnholtz-Sloan JS, Berger MS, Brennan C, Colen RR, Colman H, Flanders AE, Giannini C, Grifford M, Iavarone A, Jain R, Joseph I, Kim J, Kasaian K, Mikkelsen T, Murray BA, O'Neill BP, Pachter L, Parsons DW, Sougnez C, Sulman EP, Vandenberg SR, Van Meir EG, von Deimling A, Zhang H, Crain D, Lau K, Mallery D, Morris S, Paulauskis J, Penny R, Shelton T, Sherman M, Yena P, Black A, Bowen J, Dicostanzo K, Gastier-Foster J, Leraas KM, Lichtenberg TM, Pierson CR, Ramirez NC, Taylor C, Weaver S, Wise L, Zmuda E, Davidsen T, Demchok JA, Eley G, Ferguson ML, Hutter CM, Mills Shaw KR, Ozenberger BA, Sheth M, Sofia HJ, Tarnuzzer R, Wang Z, Yang L, Zenklusen JC, Ayala B, Baboud J, Chudamani S, Jensen MA, Liu J, Pihl T, Raman R, Wan Y, Wu Y, Ally A, Auman JT, Balasundaram M, Balu S, Baylin SB, Beroukheim R, Bootwalla MS, Bowlby R, Bristow CA, Brooks D, Butterfield Y, Carlsen R, Carter S, Chin L, Chu A, Chuah E, Cibulskis K, Clarke A, Coetzee SG, Dhalla N, Fennell T, Fisher S, Gabriel S, Getz G, Gibbs R, Guin R, Hadjipanayis A, Hayes DN, Hinoue T, Hoadley K, Holt RA, Hoyle AP, Jefferys SR, Jones S, Jones CD, Kucherlapati R, Lai PH, Lander E, Lee S, Lichtenstein L, Ma Y, Maglinte DT, Mahadeshwar HS, Marra MA, Mayo M, Meng S, Meyerson ML, Mieczkowski PA, Moore RA, Mose LE, Mungall AJ, Pantazi A, Parfenov M, Park PJ, Parker JS, Perou CM, Protopopov A, Ren X, Roach J, Sabedot TS, Schein J, Schumacher SE, Seidman JG, Seth S, Shen H, Simons JV, Sipahimalani P, Soloway MG, Song X, Sun H, Tabak B, Tam A, Tan D, Tang J, Thiessen N, Triche T, Jr., Van Den Berg DJ, Veluvolu U, Waring S, Weisenberger DJ, Wilkerson MD, Wong T, Wu J, Xi L, Xu AW, Yang L, Zack TI, Zhang J, Aksoy BA, Arachchi H, Benz C, Bernard B, Carlin D, Cho J, DiCara D, Frazer S, Fuller GN, Gao J, Gehlenborg N, Haussler D, Heiman DI, Iype L, Jacobsen A, Ju Z, Katzman S, Kim H, Knijnenburg T, Kreisberg RB, Lawrence MS, Lee W, Leinonen K, Lin P, Ling S, Liu W, Liu Y, Liu Y, Lu Y, Mills G, Ng S, Noble MS, Paull E, Rao A, Reynolds S, Saksena G, Sanborn Z, Sander C, Schultz N, Senbabaoglu Y, Shen R, Shmulevich I, Sinha R, Stuart J, Sumer SO, Sun Y, Tasman N, Taylor BS, Voet D, Weinhold N, Weinstein JN, Yang D, Yoshihara K, Zheng S, Zhang W, Zou L, Abel T, Sadeghi S, Cohen ML, Eschbacher J, Hattab EM, Raghunathan A, Schniederjan MJ, Aziz D, Barnett G, Barrett W, Bigner DD, Boice L, Brewer C, Calatozzolo C, Campos B, Carlotti CG, Jr., Chan TA, Cuppini L, Curley E, Cuzzubbo S, Devine K, DiMeco F, Duell R, Elder JB, Fehrenbach A, Finocchiaro G, Friedman W, Fulop J, Gardner J, Hermes B, Herold-Mende C, Jungk C, Kendler A, Lehman NL, Lipp E, Liu O, Mandt R, McGraw M, McLendon R, McPherson C, Neder L, Nguyen P, Noss A, Nunziata R, Ostrom QT, Palmer C, Perin A, Pollo B, Potapov A, Potapova O, Rathmell WK, Rotin D, Scarpace L, Schilero C, Senecal K, Shimmel K, Shurkhay V, Sifri S, Singh R, Sloan AE, Smolenski K, Staugaitis SM, Steele R, Thorne L, Tirapelli DP, Unterberg A, Vallurupalli M, Wang Y, Warnick R, Williams F, Wolinsky Y, Bell S, Rosenberg M, Stewart C, Huang F, Grimsby JL, Radenbaugh AJ, Zhang J: Comprehensive, Integrative Genomic Analysis of Diffuse Lower-Grade Gliomas. *The New England journal of medicine*. 2015;372 (26), 2481-98. (IF: 55.87)

Cangi MG, Biavasco R, Cavalli G, Grassini G, Dal-Cin E, Campochiaro C, Guglielmi B, Berti A, Lampasona V, von Deimling A, Sabbadini MG, Ferrarini M, Doglioni C, Dagna L. BRAFV600E-mutation is invariably present and associated to oncogene-induced senescence in Erdheim-Chester disease. *Annals of the rheumatic diseases*. 2015;74 (8), 1596-602. (IF: 12.38)

Capper D, Reifenberger G. [Classification of gliomas. Current progress and perspectives]. *Der Nervenarzt*. 2015;86 (6), 672, 74-6, 78-80, passim. (IF: 0.81)

Casadonte R, Kriegsmann M, Deininger SO, Amann K, Paape R, Belau E, Suckau D, Fuchser J, Beckmann J, Becker M, Kriegsmann J. Imaging mass spectrometry analysis of renal amyloidosis biopsies reveals protein co-localization with amyloid deposits. *Anal Bioanal Chem*. 2015 Jul;407(18):5323-31. (IF: 3.44)

Celik N, Scheuerle A, Auffarth GU, Kopitz J, Dithmar S. Intraocular Pharmacokinetics of Aflibercept and Vascular Endothelial Growth Factor-A. *Invest Ophthalmol Vis Sci*. 2015;56(9):5574-8. (IF: 3.43)

Dai Y, Wei Q, Schwager C, Moustafa M, Zhou C, Lipson KE, Weichert W, Debus J, Abdollahi A. Synergistic effects of crizotinib and radiotherapy in experimental EML4-ALK fusion positive lung cancer. *Radiother Oncol*. 2015 Feb;114(2):173-81. (IF: 4.36)

Dapunt U, Giese T, Maurer S, Stegmaier S, Prior B, Hänsch GM, Gaida MM. Neutrophil-derived MRP-14 is up-regulated in infectious osteomyelitis and stimulates osteoclast generation. *J Leukoc Biol*. 2015 Oct;98(4):575-82. (IF: 4.29)

Das T, Safferling K, Rausch S, Grabe N, Boehm H, Spatz JP. A molecular mechanotransduction pathway regulates collective migration of epithelial cells. *Nat Cell Biol.* 2015 Mar;17(3):276-87. (IF: 18.70)

de Guia RM, Rose AJ, Sommerfeld A, Seibert O, Strzoda D, Zota A, Feuchter Y, Kronen-Herzig A, Sijmonsma T, Kirilov M, Sticht C, Gretz N, Dallinga-Thie G, Diederichs S, Klötting N, Blüher M, Berriel Diaz M, Herzig S: microRNA-379 couples glucocorticoid hormones to dysfunctional lipid homeostasis. *EMBO Journal* 2015 34: 344-360. (IF: 10.43)

De Ponti A, Wiechert L, Schneller D, Pusterla T, Longerich T, Hogg N, Vogel A, Schirmacher P, Hess J°, Angel P°. A pro-tumorigenic function of S100A8/A9 in carcinogen-induced hepatocellular carcinoma. *Cancer Lett.* 2015 Dec 28;369(2):396-404. (IF: 5.62)

Delogu S*, Wang C*, Cigliano A, Utpatel K, Sini M, Longerich T, Waldburger N, Breuhahn K, Jiang L, Ribback S, Dombrowski F, Evert M, Chen X, Calvisi DF. SKP2 cooperates with N-Ras or AKT to induce liver tumor development in mice. *Oncotarget.* 2015 Feb 10;6(4):2222-34. (IF: 6.36)

Denkert C, von Minckwitz G, Brase JC, Sinn BV, Gade S, Kronenwett R, Pfitzner BM, Salat C, Loi S, Schmitt WD, Schem C, Fisch K, Darb-Esfahani S, Mehta K, Sotiriou C, Wienert S, Klare P, André F, Klauschen F, Blohmer JU, Krappmann K, Schmidt M, Tesch H, Kümmel S, Sinn P, Jackisch C, Dietel M, Reimer T, Untch M, Loibl S. Tumor-infiltrating lymphocytes and response to neoadjuvant chemotherapy with or without carboplatin in human epidermal growth factor receptor 2-positive and triple-negative primary breast cancers. *J Clin Oncol.* 2015 Mar 20;33(9):983-91. (IF: 18.44)

Dettmer MS, Schmitt A, Steinert H, Capper D, Moch H, Komminoth P, Perren A. Tall cell papillary thyroid carcinoma: new diagnostic criteria and mutations in BRAF and TERT. *Endocr Relat Cancer.* 2015;22 (3), 419-29. (IF: 4.47)

Diederichs S. Micro-terminator: 'Hasta la vista, lncRNA!'. *Nat Struct Mol Biol.* 2015 Apr;22(4):279-81. (IF: 13.31)

Dietrich S, Andrulis M, Zenz T. Hairy cell leukemia. *Internist (Berl).* 2015 Apr;56(4):381-90. (IF: 0.00)

Dietrich S, Hüllelin J, Lee SC, Hutter B, Gonzalez D, Jayne S, Dyer MJ, Oleś M, Else M, Liu X, Stabicki M, Wu B, Troussard X, Dürig J, Andrulis M, Dearden C, von Kalle C, Granzow M, Jauch A, Fröhling S, Huber W, Meggendorfer M, Haferlach T, Ho AD, Richter D, Brors B, Glimm H, Matutes E, Abdel Wahab O, Zenz T. Recurrent CDKN1B (p27) mutations in hairy cell leukemia. *Blood.* 2015 Aug 20;126(8):1005-8. (IF: 10.45)

Dinges HC, Capper D, Ritz O, Bruderlein S, Marienfeld R, von Deimling A, Moller P, Lennerz JK. Validation of a Manual Protocol for BRAF V600E Mutation-specific Immunohistochemistry. *Appl Immunohistochem Mol Morphol* 2015. (IF: 2.01)

Dreikhausen L, Blank S, Sisic L, Heger U, Weichert W, Jäger D, Bruckner T, Giese N, Grenacher L, Falk C, Ott K, Schmidt T. Association of angiogenic factors with prognosis in esophageal cancer. *BMC Cancer.* 2015 Mar 13;15:121. (IF: 3.36)

Echterdiek F, Janikovits J, Staffa L, Müller M, Lahrmann B, Frühschütz M, Hartog B, Nelius N, Benner A, Tariverdian M, von Knebel Doeberitz M, Grabe N, Kloor M. Low density of FOXP3-positive T cells in normal colonic mucosa is related to the presence of beta2-microglobulin mutations in Lynch syndrome-associated colorectal cancer. *Oncoimmunology.* 2015 Nov 11;5(2):e1075692. (IF: 6.27)

Ecker J, Oehme I, Mazitschek R, Korshunov A, Kool M, Hielscher T, Kiss J, Selt F, Konrad C, Lodrini M, Deubzer HE, von Deimling A, Kulozik AE, Pfister SM, Witt O, Milde T. Targeting class I histone deacetylase 2 in MYC amplified group 3 medulloblastoma. *Acta Neuropathol Commun.* 2015;3 (1), 22. (IF: 4.36)

Eichhorn F, Dienemann H, Muley T, Warth A, Hoffmann H. Predictors of survival after operation among patients with large cell neuroendocrine carcinoma of the lung. *Ann Thorac Surg.* 2015 Mar;99(3):983-9. (IF: 3.85)

Elgohary N, Pellegrino R, Neumann O, Elzawahry HM, Saber MM, Zeeneldin AA, Geffers R, Ehemann V, Schemmer P, Schirmacher P, Longerich T. Protumorigenic role of Timeless in hepatocellular carcinoma. *Int J Oncol.* 2015 Feb;46(2):597-606. (IF: 3.03)

Ening G, Osterheld F, Capper D, Schmieder K, Brenke C. Charlson comorbidity index: an additional prognostic parameter for preoperative glioblastoma patient stratification. *Journal of cancer research and clinical oncology.* 2015;141 (6), 1131-7. (IF: 3.08)

Ening G, Osterheld F, Capper D, Schmieder K, Brenke C. Risk factors for glioblastoma therapy associated complications. *Clinical neurology and neurosurgery.* 2015;134 55-9. (IF: 1.20)

Erbel C*, Wolf A*, Lasitschka F, Linden F, Domschke G, Akhavanpoor M, Doesch AO, Katus HA, Gleissner CA. Prevalence of M4 macrophages within human coronary atherosclerotic plaques is associated with features of plaque instability. *Int J Cardiol.* 2015;186:219-25. (IF: 4.04)

Erbel C, Tyka M, Helmes CM, Akhavanpoor M, Rupp G, Domschke G, Linden F, Wolf A, Doesch A, Lasitschka F, Katus HA, Gleissner CA. CXCL4-induced plaque macrophages can be specifically identified by co-expression of MMP7+S100A8+ in vitro and in vivo. *Innate Immun.* 2015 Apr;21(3):255-65. (IF: 3.27)

Fassl A, Tagscherer KE, Richter J, De-Castro Arce J, Savini C, Rösl F, Roth W. Inhibition of Notch1 signaling overcomes resistance to the death ligand Trail by specificity protein 1-dependent upregulation of death receptor 5. *Cell Death Dis.* 2015 Oct 15;6:e1921. (IF: 5.17)

Fassunke J, Haller F, Hebele S, Moskalev EA, Penzel R, Pfarr N, Merkelbach-Bruse S, Endris V. Utility of different massive parallel sequencing platforms for mutation profiling in clinical samples and identification of pitfalls using FFPE tissue. *Int J Mol Med.* 2015 Nov;36(5):1233-43. (IF: 2.09)

Faulkner C, Ellis HP, Shaw A, Penman C, Palmer A, Wragg C, Greenslade M, Haynes HR, Williams H, Lewis S, White P, Williams M, Capper D, Kurian KM. BRAF Fusion Analysis in Pilocytic Astrocytomas: KIAA1549-BRAF 15-9 Fusions Are More Frequent in the Midline Than Within the Cerebellum. *J Neuropathol Exp Neurol.* 2015;74 (9), 867-72. (IF: 3.80)

Feld FM, Nagel PD, Weissinger SE, Welke C, Stenzinger A, Möller P, Lennerz JK. GOT1/AST1 expression status as a prognostic biomarker in pancreatic ductal adenocarcinoma. *Oncotarget.* 2015 Feb 28;6(6):4516-26. (IF: 6.36)

Flechtenmacher C, Schirmacher P, Schemmer P. Donor liver histology--a valuable tool in graft selection. *Langenbecks Arch Surg.* 2015 Jul;400(5):551-7. (IF: 2.19)

Fonouni H*, Golriz M*, Majlesara A, Faridar A, Esmaeilzadeh M, Jarahian P, Rad MT, Hafezi M, Garoussi C, Macher-Goeppinger S, Longerich T, Orakcioglu B, Sakowitz OW, Mehrabi A. Is microdialysis useful for early detection of acute rejection after kidney transplantation? *Int J Surg.* 2015 Jun;18:88-94. (IF: 1.53)

Freudspurger C*, Horn D*, Weißfuß S, Weichert W, Weber KJ, Saure D, Sharma S, Dyckhoff G, Grabe N, Plinkert P, Hoffmann J, Freier K*, Hess J*. Phosphorylation of AKT(Ser473) serves as an independent prognostic marker for radiosensitivity in advanced head and neck squamous cell carcinoma. *Int J Cancer.* 2015 Jun 15;136(12):2775-85. (IF: 5.09)

Fritz S, Sommer CM, Vollherbst D, Wachter MF, Longerich T, Sachsenmeier M, Knapp J, Radeleff BA, Werner J. Irreversible electroporation of the pancreas is feasible and safe in a porcine survival model. *Pancreas.* 2015 Jul;44(5):791-8. (IF: 2.96)

Fritzsching B, Fellenberg J, Moskovszky L, Sági Z, Krenacs T, Machado I, Poeschl J, Lehner B, Szendrői M, Bosch AL, Bernd L, Csóka M, Mechttersheimer G, Ewerbeck V, Kinscherf R, Kunz P. CD8(+)/FOXP3(+)-ratio in osteosarcoma microenvironment separates survivors from non-survivors: a multicenter validated retrospective study. *Oncoimmunology.* 2015 Apr 2;4(3):e990800. (IF: 6.27)

Funk S, Mark R, Bayo P, Flechtenmacher C, Grabe N, Angel P, Plinkert PK, Hess J. High S100A8 and S100A12 protein expression is a favorable prognostic factor for survival of oropharyngeal squamous cell carcinoma. *Int J Cancer*. 2015 May 1;136(9):2037-46. (IF: 5.09)

Gabius HJ, Kaltner H, Kopitz J, André S. The glycobiology of the CD system: a dictionary for translating marker designations into glycan/lectin structure and function. *Trends Biochem Sci*. 2015;40(7):360-76. (IF: 12.81)

Geisenberger C, Mock A, Warta R, Rapp C, Schwager C, Korshunov A, Nied AK, Capper D, Brors B, Jungk C, Jones D, Collins VP, Ichimura K, Backlund LM, Schnabel E, Mittelbron M, Lahrmann B, Zheng S, Verhaak RG, Grabe N, Pfister SM, Hartmann C, von Deimling A, Debus J, Unterberg A, Abdollahi A, Herold-Mende C: Molecular profiling of long-term survivors identifies a subgroup of glioblastoma characterized by chromosome 19/20 co-gain. *Acta Neuropathol* 130 (3), 419-34, 2015. (IF: 11.36)

George B, Horn D, Bayo P, Zaoui K, Flechtenmacher C, Grabe N, Plinkert P, Krizhanovsky V, Hess J. Regulation and function of Myb-binding protein 1A (MYBBP1A) in cellular senescence and pathogenesis of head and neck cancer. *Cancer Lett*. 2015 Mar 28;358(2):191-9. (IF: 5.62)

George J, Lim JS, Jang SJ, Cun Y, Ozretić L, Kong G, Leenders F, Lu X, Fernández-Cuesta L, Bosco G, Müller C, Dahmen I, Jahchan NS, Park KS, Yang D, Karnezis AN, Vaka D, Torres A, Wang MS, Korbel JO, Menon R, Chun SM, Kim D, Wilkerson M, Hayes N, Engelmann D, Pützer B, Bos M, Michels S, Vlasic I, Seidel D, Pinther B, Schaub P, Becker C, Altmüller J, Yokota J, Kohno T, Iwakawa R, Tsuta K, Noguchi M, Muley T, Hoffmann H, Schnabel PA, Petersen I, Chen Y, Soltermann A, Tischler V, Choi CM, Kim YH, Massion PP, Zou Y, Jovanovic D, Kontic M, Wright GM, Russell PA, Solomon B, Koch I, Lindner M, Muscarella LA, la Torre A, Field JK, Jakopovic M, Knezevic J, Castañós-Vélez E, Roz L, Pastorino U, Brustugun OT, Lund-Iversen M, Thunnissen E, Köhler J, Schuler M, Botling J, Sandelin M, Sanchez-Cespedes M, Salvesen HB, Achter V, Lang U, Bogus M, Schneider PM, Zander T, Ansén S, Hallek M, Wolf J, Vingron M, Yatabe Y, Travis WD, Nürnberg P, Reinhardt C, Perner S, Heukamp L, Büttner R, Haas SA, Brambilla E, Peifer M, Sage J, Thomas RK. Comprehensive genomic profiles of small cell lung cancer. *Nature*. 2015 Aug 6;524(7563):47-53. (IF: 41.46)

Gockner TL, Zelzer S, Mokry T, Gnutzmann D, Bellemann N, Mogler C, Beierfuß A, Köllensperger E, Germann G, Radeleff BA, Stampfl U, Kauczor HU, Pereira PL, Sommer CM. Sphere-enhanced microwave ablation (sMWA) versus bland microwave ablation (bMWA): technical parameters, specific CT 3D rendering and histopathology. *Cardiovasc Intervent Radiol*. 2015 Apr;38(2):442-52. (IF: 2.07)

Goeppert B, Bergmann F. Ätiologie und Pathogenese der Pankreas- und Cholangiokarzinome. *Onkologie* 2015;10:1011-18. (IF: 0.14)

Goeppert B, Frauenschuh L, Zucknick M, Roessler S, Mehrabi A, Hafezi M, Stenzinger A, Warth A, Pathil A, Renner M, Schirmacher P, Weichert W. Major histocompatibility complex class I expression impacts on patient survival and type and density of immune cells in biliary tract cancer. *Br J Cancer*. 2015 Nov 3;113(9):1343-9. (IF: 4.84)

Golriz M, Fonouni H, Kuttymuratov G, Esmaeilzadeh M, Rad MT, Jarahian P, Longerich T, Faridar A, Abbasi S, Mehrabi A, Gebhard MM. Influence of a modified preservation solution in kidney transplantation: A comparative experimental study in a porcine model. *Asian J Surg*. 2015 Aug 31. pii: S1015-9584(15)00084-6. (IF:0.91)

Graham RP, Jin L, Knutson DL, Kloft-Nelson SM, Greipp PT, Waldburger N, Roessler S, Longerich T, Roberts LR, Oliveira AM, Halling KC, Schirmacher P, Torbenson MS. DNAJB1-PRKACA is specific for fibrolamellar carcinoma. *Mod Pathol*. 2015 Jun;28(6):822-9. (IF: 6.19)

Grenacher L, Strauß A, Bergmann F, Birdsey M, Mayerle J. Cyst Features and Risk of Malignancy in Intraductal Papillary Mucinous Neoplasms of the Pancreas: Imaging and Pathology. *Viszeralmedizin*. 2015 Feb;31(1):31-7. Review. (IF: 0.10)

Gunther S, Ostheimer C, Stangl S, Specht HM, Mozes P, Jesinghaus M, Vordermark D, Combs SE, Peltz F, Jung MP, Multhoff G. Correlation of Hsp70 Serum Levels with Gross Tumor Volume and Composition of Lymphocyte

Subpopulations in Patients with Squamous Cell and Adeno Non-Small Cell Lung Cancer. *Front Immunol.* 2015 Nov 2;6:556. (IF: 2.52)

Haack TB, Stauffer C, Köpke MG, Straub BK, Kölker S, Thiel C, Freisinger P, Baric I, McKiernan PJ, Dikow N, Harting I, Beisse F, Burgard P, Kotzaeridou U, Kühn J, Himbert U, Taylor RW, Distelmaier F, Vockley J, Ghaloul-Gonzalez L, Zschocke J, Kremer LS, Graf E, Schwarzmayr T, Bader DM, Gagneur J, Wieland T, Terrile C, Strom TM, Meitinger T, Hoffmann GF°, Prokisch H°. Biallelic Mutations in NBAS Cause Recurrent Acute Liver Failure with Onset in Infancy. *Am J Hum Genet.* 2015 Jul 2;97(1):163-9. (IF: 10.93)

Habermehl D, Brecht IC, Bergmann F, Rieken S, Werner J, Büchler MW, Springfield C, Jäger D, Debus J, Combs SE. Adjuvant radiotherapy and chemoradiation with gemcitabine after R1 resection in patients with pancreatic adenocarcinoma. *World J Surg Oncol.* 2015 Apr 15;13:149. (IF: 1.41)

Hackert T*, Fritz S*, Klauss M, Bergmann F, Hinz U, Strobel O, Schneider L, Büchler MW. Main-duct Intraductal Papillary Mucinous Neoplasm: High Cancer Risk in Duct Diameter of 5 to 9 mm. *Ann Surg.* 2015 Nov;262(5):875-80; discussion 880-1. (IF: 8.33)

[Haemmerle M, Gutschner T. Long non-coding RNAs in cancer and development: where do we go from here? *Int J Mol Sci.* 2015 Jan 8;16\(1\):1395-405. \(IF: 2.86\)](#)

[Harms A, Herpel E, Pfarr N, Penzel R, Heussel CP, Herth FJ, Dienemann H, Weichert W, Warth A. NUT carcinoma of the thorax: Case report and review of the literature. *Lung Cancer.* 2015 Dec;90\(3\):484-91. \(IF: 3.96\)](#)

Hartwig W, Gluth A, Hinz U, Bergmann F, Spronk PE, Hackert T, Werner J, Büchler MW. Total pancreatectomy for primary pancreatic neoplasms: renaissance of an unpopular operation. *Ann Surg.* 2015 Mar;261(3):537-46. (IF: 8.33)

Has C, Jakob T, He Y, Kiritsi D, Hausser I, Bruckner-Tuderman L. Loss of desmoglein 1 associated with palmoplantar keratoderma, dermatitis and multiple allergies. *Br J Dermatol.* 2015 Jan;172(1):257-61. (IF: 4.28)

Hassel JC, Groesser L, Herschberger E, Weichert W, Hafner C. RAS mutations in benign epithelial tumors associated with BRAF inhibitor treatment of melanoma. *J Invest Dermatol.* 2015 Feb;135(2):636-9. (IF: 6.92)

Hatiboglu G, Huber J, Herpel E, Popeneciu IV, Nyarangi-Dix J, Teber D, Hadaschik BA, Pahernik S, Duensing S, Hohenfellner M. [Structure of biobanks for urological research]. *Urologe* 2015 Sep;54(9):1256-60 (IF: 0.44)

Heller A, Gaida MM, Männle D, Giese T, Scarpa A, Neoptolemos JP, Hackert T, Strobel O, Hoheisel JD, Giese NA°, Bauer AS°. Stratification of pancreatic tissue samples for molecular studies: RNA-based cellular annotation procedure. *Pancreatol.* 2015 Jul-Aug;15(4):423-31. (IF: 2.84)

Hiet MS, Bauhofer O, Zayas M, Roth H, Tanaka Y, Schirmacher P, Willemsen J, Grünvogel O, Bender S, Binder M, Lohmann V, Lotteau V, Ruggieri A, Bartenschlager R. Control of temporal activation of hepatitis C virus-induced interferon response by domain 2 of nonstructural protein 5A. *J Hepatol.* 2015 Oct;63(4):829-37. (IF: 11.34)

Hoffmann K, Luible S, Goepfert B, Weiss KH, Hinz U, Büchler MW, Schemmer P. Impact of portal vein resection on oncologic long-term outcome in patients with hilar cholangiocarcinoma. *Surgery.* 2015 Nov;158(5):1252-60. (IF: 3.38)

Hoffmann K, Unsinn M, Hinz U, Weiss KH, Waldburger N, Longerich T, Radeleff B, Schirmacher P, Büchler MW, Schemmer P. Outcome after a liver resection of benign lesions. *HPB (Oxford).* 2015 Nov;17(11):994-1000. (IF:2.68)

Hoffmeister M, Jansen L, Rudolph A, Toth C, Kloor M, Roth W, Bläker H, Chang-Claude J, Brenner H. Statin use and survival after colorectal cancer: the importance of comprehensive confounder adjustment. *J Natl Cancer Inst.* 2015 Mar 13;107(6):dju045. (IF: 12.58)

Höfner T, Eisen C, Klein C, Rigo-Watermeier T, Goepfing SM, Jauch A, Schoell B, Vogel V, Noll E, Weichert W, Baccelli I, Schillert A, Wagner S, Pahernik S, Sprick MR°, Trumpp A°. Defined conditions for the isolation and

expansion of basal prostate progenitor cells of mouse and human origin. *Stem Cell Reports*. 2015 Mar 10;4(3):503-18. (IF: 5.37)

Holzmann C, Markowski DN, Bartnitzke S, Koczan D, Helmke BM, Bullerdiek J. A rare coincidence of different types of driver mutations among uterine leiomyomas (UL). *Mol Cytogenet*. 2015 Oct 14;8:76. (IF: 2.14)

Hotz A, Bourrat E, Hausser I, Haftek M, da Silva MV, Fischer J. Two novel mutations in the LOR gene in three families with lorincrin keratoderma. *Br J Dermatol*. 2015 Apr;172(4):1158-62. (IF: 4.28)

Inhoffen J, Tuma-Kellner S, Straub B, Stremmel W, Chamulitrat W. Deficiency of iPLA₂β Primes Immune Cells for Proinflammation: Potential Involvement in Age-Related Mesenteric Lymph Node Lymphoma. *Cancers (Basel)*. 2015 Dec 9;7(4):2427-42. (IF: 0.00)

Itzel T*, Scholz P*, Maass T, Krupp M, Marquardt JU, Strand S, Becker D, Staib F, Binder H, Roessler S, Wang XW, Thorgeirsson S, Müller M, Galle PR, Teufel A. Translating bioinformatics in oncology: guilt-by-profiling analysis and identification of KIF18B and CDCA3 as novel driver genes in carcinogenesis *Bioinformatics*. 2015 Jan 15;31(2):216-24. (IF: 4.98)

Jakobiec FA, Kool M, Stagner AM, Pfister SM, Eagle RC, Proia AD, Korshunov A. Intraocular Medulloepitheliomas and Embryonal Tumors With Multilayered Rosettes of the Brain: Comparative Roles of LIN28A and C19MC. *American journal of ophthalmology*. 2015;159 (6), 1065-74 e1. (IF: 3.83)

Jesinghaus M*, Wolf T*, Pfarr N, Muckenhuber A, Ahadova A, Warth A, Goeppert B, Sers C, Kloor M, Endris V, Stenzinger A, Weichert W. Distinctive Spatiotemporal Stability of Somatic Mutations in Metastasized Microsatellite-stable Colorectal Cancer. *Am J Surg Pathol*. 2015 Aug;39(8):1140-7. (IF: 5.15)

Kahlert C*, Lerbs T*, Pecqueux M*, Herpel E, Hoffmeister M, Jansen L, Brenner H, Chang-Claude J, Bläker H, Kloor M, Roth W, Pilarsky C, Rahbari NN, Schölch S, Bork U, Reissfelder C, Weitz J, Aust D, Koch M. Overexpression of SIX1 is an independent prognostic marker in stage I-III colorectal cancer. *Int J Cancer*. 2015 Nov 1;137(9):2104-13. (IF: 5.09)

Kamili A*, Roslan N*, Frost S, Cantrill LC, Wang D, Della-Franca A, Bright RK, Groblewski GE, Straub BK, Hoy AJ, Chen Y, Byrne JA. TPD52 expression increases neutral lipid storage within cultured cells. *J Cell Sci*. 2015 Sep 1;128(17):3223-38. (IF: 5.43)

Kamphues C, Bova R, Bahra M, Klauschen F, Muckenhuber A, Sinn BV, Warth A, Goeppert B, Endris V, Neuhaus P, Weichert W, Stenzinger A. Ataxia-telangiectasia-mutated protein kinase levels stratify patients with pancreatic adenocarcinoma into prognostic subgroups with loss being a strong indicator of poor survival. *Pancreas*. 2015 Mar;44(2):296-301. (IF: 2.96)

Kessler T, Sahm F, Blaes J, Osswald M, Rubmann P, Milford D, Urban S, Jestaedt L, Heiland S, Bendszus M, Hertenstein A, Pfenning PN, Ruiz de Almodovar C, Wick A, Winkler F, von Deimling A, Platten M, Wick W, Weiler M. Glioma cell VEGFR-2 confers resistance to chemotherapeutic and antiangiogenic treatments in PTEN-deficient glioblastoma. *Oncotarget*. 2015;6 (31), 31050-68. (IF: 6.36)

Kiritsi D, Valari M, Fortugno P, Hausser I, Lykopoulou L, Zambruno G, Fischer J, Bruckner-Tuderman L, Jakob T, Has C. Whole-exome sequencing in patients with ichthyosis reveals modifiers associated with increased IgE levels and allergic sensitizations. *J Allergy Clin Immunol*. 2015 Jan;135(1):280-3. (IF: 11.48)

Klauschen F, Heim D, Stenzinger A. Histological tumor typing in the age of molecular profiling. *Pathol Res Pract*. 2015 Dec;211(12):897-900. (IF: 1.40)

Klauß M, Mayer P, Bergmann F, Maier-Hein K, Hase J, Hackert T, Kauczor HU, Grenacher L, Stieltjes B. Correlation of Histological Vessel Characteristics and Diffusion-Weighted Imaging Intravoxel Incoherent Motion-Derived Parameters in Pancreatic Ductal Adenocarcinomas and Pancreatic Neuroendocrine Tumors. *Invest Radiol*. 2015 Nov;50(11):792-7. (IF: 4.44)

Klupp F, Diers J, Kahlert C, Neumann L, Halama N, Franz C, Schmidt T, Lasitschka F, Warth A, Weitz J, Koch M, Schneider M, Ulrich A. Expressional STAT3/STAT5 Ratio is an Independent Prognostic Marker in Colon Carcinoma. *Ann Surg Oncol*. 2015 Dec;22 Suppl 3:S1548-55. (IF: 3.93)

Koelsche C, Hovestadt V, Jones DT, Capper D, Sturm D, Sahn F, Schrimpf D, Adeberg S, Bohmer K, Hagenlocher C, Mechttersheimer G, Kohlhof P, Muhleisen H, Beschorner R, Hartmann C, Braczynski AK, Mittelbronn M, Buslei R, Becker A, Grote A, Urbach H, Staszewski O, Prinz M, Hewer E, Pfister SM, von Deimling A, Reuss DE. Melanotic tumors of the nervous system are characterized by distinct mutational, chromosomal and epigenomic profiles. *Brain Pathol*. 2015;25 (2), 202-08. (IF: 4.64)

Kogut M, Hadaschik E, Grabbe S, Andrulis M, Enk A, Hartschuh W. Granulomatous mycosis fungoides, a rare subtype of cutaneous T-cell lymphoma. *JAAD Case Rep*. 2015 Jul 31;1(5):298-302. (IF: 4.45)

Kondylis V, Polykratis A, Ehlken H, Ochoa-Callejero L, Straub BK, Krishna-Subramanian S, Van TM, Curth HM, Heise N, Weih F, Klein U, Schirmacher P, Kelliher M, Pasparakis M. NEMO Prevents Steatohepatitis and Hepatocellular Carcinoma by Inhibiting RIPK1 Kinase Activity-Mediated Hepatocyte Apoptosis. *Cancer Cell*. 2015 Nov 9;28(5):582-98. (IF: 23.52)

Korshunov A, Jakobiec FA, Eberhart CG, Hovestadt V, Capper D, Jones DT, Sturm D, Stagner AM, Edward DP, Eagle RC, Proia AD, Koch A, Ryzhova M, Ektova A, Schuller U, Zheludkova O, Lichter P, von Deimling A, Pfister SM, Kool M. Comparative integrated molecular analysis of intraocular medulloepitheliomas and central nervous system embryonal tumors with multilayered rosettes confirms that they are distinct nosologic entities. *Neuropathology*. 2015;35 (6), 538-44. (IF: 1.56)

Korshunov A, Ryzhova M, Hovestadt V, Bender S, Sturm D, Capper D, Meyer J, Schrimpf D, Kool M, Northcott PA, Zheludkova O, Milde T, Witt O, Kulozik AE, Reifenberger G, Jabado N, Perry A, Lichter P, von Deimling A, Pfister SM, Jones DT. Integrated analysis of pediatric glioblastoma reveals a subset of biologically favorable tumors with associated molecular prognostic markers. *Acta Neuropathol*. 2015 (IF: 11.36)

Koschny R, Krupp W, Xu LX, Mueller WC, Bauer M, Sinn P, Keller M, Koschny T, Walczak H, Bruckner T, Ganten TM, Holland H. WHO grade related expression of TRAIL-receptors and apoptosis regulators in meningioma. *Pathol Res Pract*. 2015 Feb;211(2):109-16. (IF: 1.40)

Kreft A, Mottok A, Mesteri I, Cardona DM, Janin A, Kühl AA, Andrulis M, Brunner A, Shulman HM, Negri G, Tzankov A, Huber E; Gastrointestinal Pathology Group of the German-Austrian-Swiss GvHD Consortium. Consensus diagnostic histopathological criteria for acute gastrointestinal graft versus host disease improve interobserver reproducibility. *Virchows Arch*. 2015 Sep;467(3):255-63. (IF: 2.65)

Kreuter M, Ehlers-Tenenbaum S, Schaaf M, Oltmanns U, Palmowski K, Hoffmann H, Schnabel PA, Heußel CP, Puderbach M, Herth FJ, Warth A. Treatment and outcome of lung cancer in idiopathic interstitial pneumonias. *Sarcoidosis Vasc Diffuse Lung Dis*. 2015 Jan 5;31(4):266-74 (IF: 1.17)

Kriegsmann J, Kriegsmann M, Casadonte R. MALDI TOF imaging mass spectrometry in clinical pathology: a valuable tool for cancer diagnostics (review). *Int J Oncol*. 2015 Mar;46(3):893-906. Review. (IF: 3.03)

Kriegsmann M, Arens N, Endris V, Weichert W, Kriegsmann J. Detection of KRAS, NRAS and BRAF by mass spectrometry - a sensitive, reliable, fast and cost-effective technique. *Diagn Pathol*. 2015 Jul 30;10:132. (IF: 2.60)

Kriegsmann M, Harms A, Rickerts V, Andrulis M. Gunpowder or Mycetoma? *Int J Surg Pathol*. 2015 Aug;23(5):373-4. (IF: 0.95)

Kriegsmann M, Muley T, Harms A, Tavernar L, Goldmann T, Dienemann H, Herpel E°, Warth A°. Differential diagnostic value of CD5 and CD117 expression in thoracic tumors: a large scale study of 1465 non-small cell lung cancer cases. *Diagn Pathol*. 2015 Dec 8;10:210. (IF: 2.60)

Kühl T, Mezger M, Hausser I, Handgretinger R, Bruckner-Tuderman L, Nyström A. High Local Concentrations of Intra-dermal MSCs Restore Skin Integrity and Facilitate Wound Healing in Dystrophic Epidermolysis Bullosa. *Mol Ther*. 2015 Aug;23(8):1368-79. (IF: 6.23)

Kulu Y, Müller-Stich BP, Bruckner T, Gehrig T, Büchler MW, Bergmann F, Ulrich A. Radical surgery with total mesorectal excision in patients with T1 rectal cancer. *Ann Surg Oncol*. 2015;22(6):2051-8. (IF: 3.93)

Künstlinger H, Fassunke J, Schildhaus HU, Brors B, Heydt C, Ihle MA, Mechtersheimer G, Wardelmann E, Büttner R, Merkelbach-Bruse S. FGFR2 is overexpressed in myxoid liposarcoma and inhibition of FGFR signaling impairs tumor growth in vitro. *Oncotarget*. 2015 Aug 21;6(24):20215-30. (IF: 6.36)

Kurz C, Hakimi M, Kloor M, Grond-Ginsbach C, Gross-Weissmann ML, Böckler D, von Knebel Doeberitz M, Dihlmann S. Coding Microsatellite Frameshift Mutations Accumulate in Atherosclerotic Carotid Artery Lesions: Evaluation of 26 Cases and Literature Review. *Mol Med*. 2015 Jun 9;21:479-86. (IF: 3.53)

Kurz C, Hakimi M, Kloor M, Grond-Ginsbach C, Gross-Weissmann ML, Böckler D, von Knebel Doeberitz M, Dihlmann S. Coding Microsatellite Frameshift Mutations Accumulate in Atherosclerotic Carotid Artery Lesions: Evaluation of 26 Cases and Literature Review. *Mol Med*. 2015;21, 479-86. (IF: 3.53)

Lee J, Fricke F, Warnken U, Schnölzer M, Kopitz J, Gebert J. Reconstitution of TGFBR2-Mediated Signaling Causes Upregulation of GDF-15 in HCT116 Colorectal Cancer Cells. *PLoS One*. 2015;10(6):e0131506. (IF: 3.23)

Lee J, Warnken U, Schnölzer M, Gebert J, Kopitz J. A new method for detection of tumor driver-dependent changes of protein sialylation in a colon cancer cell line reveals nectin-3 as TGFBR2 target. *Protein Sci*. 2015;24(10):1686-94. (IF: 3.04)

Lennerz JK, Stenzinger A. Allelic ratio of KRAS mutations in pancreatic cancer. *Oncologist*. 2015 Apr;20(4):e8-9. (IF: 4.87)

Leto K, Arancillo M, Becker EE, Buffo A, Chiang C, Ding B, Dobyns W, Dusart I, Haldipur P, Hatten M, Hoshino M, Joyner A, Kano M, Kilpatrick D, Koibuchi N, Marino S, Martinez S, Millen K, Millner T, Miyata T, Parmigiani E, Schilling K, Sekerková G, Sillitoe R, Sotelo C, Uesaka N, Wefers A, Wingate RT, Hawkes R. Consensus Paper: Cerebellar Development. *Cerebellum*. 2015,1-40. (IF: 2.43)

Leuschner F, Courties G, Dutta P, Mortensen LJ, Gorbato R, Sena B, Novobrantseva TI, Borodovsky A, Fitzgerald K, Koteliansky V, Iwamoto Y, Bohlender M, Meyer S, Lasitschka F, Meder B, Katus HA, Lin C, Libby P, Swirski FK, Anderson DG, Weissleder R, Nahrendorf M. Silencing of CCR2 in myocarditis. *Eur Heart J*. 2015 Jun 14;36(23):1478-88. (IF: 15.20)

Lewis MD, Behrends J, Sá E Cunha C, Mendes AM, Lasitschka F, Sattler JM, Heiss K, Kooij TW, Prudêncio M, Bringmann G, Frischknecht F, Mueller AK. Chemical attenuation of Plasmodium in the liver modulates severe malaria disease progression. *J Immunol*. 2015 May 15;194(10):4860-70. (IF: 4.92)

Liesenfeld DB, Grapov D, Fahrman JF, Salou M, Scherer D, Toth R, Habermann N, Böhm J, Schrotz-King P, Gigic B, Schneider M, Ulrich A, Herpel E, Schirmacher P, Fiehn O, Lampe JW, Ulrich CM. Metabolomics and transcriptomics identify pathway differences between visceral and subcutaneous adipose tissue in colorectal cancer patients: the ColoCare study. *Am J Clin Nutr*. 2015 Aug;102(2):433-43. (IF: 6.77)

Lindert U, Weis MA, Rai J, Seeliger F, Hausser I, Leeb T, Eyre D, Rohrbach M, Giunta C. Molecular Consequences of the SERPINH1/HSP47 Mutation in the Dachshund Natural Model of Osteogenesis Imperfecta. *J Biol Chem*. 2015 Jul 17;290(29):17679-89. (IF: 4.57)

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*. 2015 Dec 12. pii: S1046-2023(15)30177-8. (IF: 3.65)

Lotz J, Olesch J, Muller B, Polzin T, Galuschka P, Lotz J, Heldmann S, Breuhahn K, Gonzalez M, Lahrmann B, Grabe N, Laue H, Sedlacek O, Warth A, Modersitzki J. Patch-Based Nonlinear Image Registration for Gigapixel Whole Slide Images. *IEEE Trans Biomed Eng.* 2015 Nov 23. (IF: 0.02)

Macher-Goeppinger S, Keith M, Tagscherer KE, Singer S, Winkler J, Hofmann TG, Pahernik S, Duensing S, Hohenfellner M, Kopitz J, Schirmacher P, Roth W. PBRM1 (BAF180) protein is functionally regulated by p53-induced protein degradation in renal cell carcinomas. *J Pathol.* 2015 Dec;237(4):460-71. (IF: 7.43)

Mackenzie R, Kommos S, Winterhoff BJ, Kipp BR, Garcia JJ, Voss J, Halling K, Karnezis A, Senz J, Yang W, Prigge ES, Reuschenbach M, Doeberitz MV, Gilks BC, Huntsman DG, Bakkum-Gamez J, McAlpine JN, Anglesio MS. Targeted deep sequencing of mucinous ovarian tumors reveals multiple overlapping RAS-pathway activating mutations in borderline and cancerous neoplasms. *BMC Cancer.* 2015 May 19;15:415. (IF: 3.36)

Mackmull MT, Iskar M, Parca L, Singer S, Bork P, Ori A, Beck M. Histone Deacetylase Inhibitors (HDACi) Cause the Selective Depletion of Bromodomain Containing Proteins (BCPs). *Mol Cell Proteomics.* 2015 May;14(5):1350-60. (IF: 6.56)

Madadi-Sanjani O, Carl N, Longerich T, Petersen C, Andruszkow JH. Inguinal Hernias Represent the Most Frequent Surgical Complication after Kasai in Biliary Atresia Infants. *Biomed Res Int.* 2015;2015:383791. (IF: 1.58)

Mai S, Welzel G, Ottstadt M, Lohr F, Severa S, Prigge ES, Wentzensen N, Trunk MJ, Wenz F, von Knebel Doeberitz M, Reuschenbach M. Prognostic Relevance of HPV Infection and p16 Overexpression in Squamous Cell Anal Cancer. *Int J Radiat Oncol Biol Phys.* 2015;93, 819-27. (IF:4.26)

Maiertaler M, Kriegsmann M, Peng C, Jauch S, Szabo A, Wallwiener M, Rom J, Sohn C, Schneeweiss A, Sinn HP, Yang R°, Burwinkel B°. S100P and HYAL2 as prognostic markers for patients with triple-negative breast cancer. *Exp Mol Pathol.* 2015 Aug;99(1):180-7. (IF: 2.71)

Mang J, Korzeniewski N, Dietrich D, Sailer V, Tolstov Y, Searcy S, von Hardenberg J, Perner S, Kristiansen G, Marx A, Roth W, Herpel E, Grüllich C, Popeneciu V, Pahernik S, Hadaschik B, Hohenfellner M, Duensing S. Prognostic Significance and Functional Role of CEP57 in Prostate Cancer. *Transl Oncol.* 2015 Dec;8(6):487-96. (IF: 2.88)

Marien E, Meister M, Muley T, Fieuws S, Bordel S, Derua R, Spraggins J, Van de Plas R, Dehairs J, Wouters J, Bagadi M, Dienemann H, Thomas M, Schnabel PA, Caprioli RM, Waelkens E, Swinnen JV. Non-small cell lung cancer is characterized by dramatic changes in phospholipid profiles. *Int J Cancer.* 2015 Oct 1;137(7):1539-48. (IF: 5.09)

Marquardt JU, Gomez-Quiroz L, Arreguin Camacho LO, Pinna F, Lee YH, Kitade M, Domínguez MP, Castven D, Breuhahn K, Conner EA, Galle PR, Andersen JB, Factor VM, Thorgeirsson SS. Curcumin effectively inhibits oncogenic NF-κB signaling and restrains stemness features in liver cancer. *J Hepatol.* 2015 Sep;63(3):661-9. (IF: 11.34)

Maurer S, Wabnitz GH, Kahle NA, Stegmaier S, Prior B, Giese T, Gaida MM, Samstag Y, Hänsch GM. Tasting *Pseudomonas aeruginosa* Biofilms: Human Neutrophils Express the Bitter Receptor T2R38 as Sensor for the Quorum Sensing Molecule N-(3-Oxododecanoyl)-L-Homoserine Lactone. *Front Immunol.* 2015 Jul 24;6:369. (IF: 2.52)

Mentzel T, Schirmacher P, Bierhoff E. Neoplasms of the skin. *Pathologe.* 2015 Feb;36(1):5-6. (IF: 0.39)

Merkt W, Sturm P, Lasitschka F, Tretter T, Watzl C, Saure D, Hundemer M, Schwenger V, Blank N, Lorenz HM, Cerwenka A. Peripheral blood natural killer cell percentages in granulomatosis with polyangiitis correlate with disease inactivity and stage. *Arthritis Res Ther.* 2015 Nov 21;17:337. (IF: 3.75)

Mock A, Warta R, Geisenberger C, Bischoff R, Schulte A, Lamszus K, Stadler V, Felgenhauer T, Schichor C, Schwartz C, Matschke J, Jungk C, Ahmadi R, Sahm F, Capper D, Glass R, Tonn JC, Westphal M, von Deimling A,

Unterberg A, Bermejo JL, Herold-Mende C. Printed peptide arrays identify prognostic TNC serumantibodies in glioblastoma patients. *Oncotarget*. 2015; 6 (15), 13597-90. (IF: 6.36)

Mogler C*, Wieland M*, König C, Hu J, Runge A, Korn C, Besemfelder E, Breitkopf-Heinlein K, Komljenovic D, Dooley S, Schirmacher P, Longerich T, Augustin HG. Hepatic stellate cell-expressed endosialin balances fibrogenesis and hepatocyte proliferation during liver damage. *EMBO Mol Med*. 2015 Feb 13;7(3):332-8. (IF: 8.67)

Moro-Sibilot D, Smit E, de Castro Carpeño J, Lesniewski-Kmak K, Aerts J, Villatoro R, Kraaij K, Nacerddine K, Dyachkova Y, Smith KT, Taipale K, Girvan AC, Visseren-Grul C, Schnabel PA. Outcomes and resource use of non-small cell lung cancer (NSCLC) patients treated with first-line platinum-based chemotherapy across Europe: FRAME prospective observational study. *Lung Cancer*. 2015 May;88(2):215-22. (IF: 3.96)

Moskalev EA, Jandaghi P, Fallah M, Manoochehri M, Botla SK, Kolychev OV, Nikitin EA, Bubnov VV, von Knebel Doeberitz M, Strobel O, Hackert T, Büchler MW, Giese N, Bauer A, Muley T, Warth A, Schirmacher P, Haller F, Hoheisel JD, Riazalhosseini Y. GHSR DNA hypermethylation is a common epigenetic alteration of high diagnostic value in a broad spectrum of cancers. *Oncotarget*. 2015 Feb 28;6(6):4418-27. (IF: 6.36)

Müller B*, Bovet M*, Yin Y, Stichel D, Malz M, González-Vallinas M, Middleton A, Ehemann V, Schmitt J, Muley T, Meister M, Herpel E, Singer S, Warth A, Schirmacher P, Drasdo D, Matthäus F°, Breuhahn K°. Concomitant expression of far upstream element (FUSE) binding protein (FBP) interacting repressor (FIR) and its splice variants induce migration and invasion of non-small cell lung cancer (NSCLC) cells. *J Pathol*. 2015 Nov;237(3):390-401. (IF: 7.43)

Ngugi CW, Schmidt D, Wanyoro K, Boga H, Wanzala P, Muigai A, Mbithi J, von Knebel Doeberitz M, Reuschenbach M. p16(INK4a)/Ki-67 dual stain cytology for cervical cancer screening in Thika district, Kenya. *Infectious Infect Agent Cancer*. 2015 Aug 11;10:25. (IF: 1.72)

Niehr F, Weichert W, Stenzinger A, Budach V, Tinhofer I. CCI-779 (Temsitrolimus) exhibits increased anti-tumor activity in low EGFR expressing HNSCC cell lines and is effective in cells with acquired resistance to cisplatin or cetuximab. *J Transl Med*. 2015 Apr 1;13:106. (IF: 3.93)

Nienhueser H, Kunzmann R, Sisic L, Blank S, Strowitzk MJ, Bruckner T, Jäger D, Weichert W, Ulrich A, Büchler MW, Ott K, Schmidt T. Surgery of gastric cancer and esophageal cancer: Does age matter? *J Surg Oncol*. 2015 Sep;112(4):387-95. (IF: 3.24)

Ohrnberger S, Thavamani A, Braeuning A, Lipka DB, Kirilov M, Geffers R, Autenrieth SE, Römer M, Zell A, Bonin M, Schwarz M, Schütz G, Schirmacher P, Plass C, Longerich T, Nordheim A. Dysregulated serum response factor triggers formation of hepatocellular carcinoma. *Hepatology*. 2015 Mar;61(3):979-89. (IF: 11.06)

Orlik J, Schüngel S, Buitrago-Molina LE, Marhenke S, Geffers R, Endig J, Lobschat K, Rössler S, Goepfert B, Manns MP, Gross A, Vogel A. The BH3-only protein BID impairs the p38-mediated stress response and promotes hepatocarcinogenesis during chronic liver injury in mice. *Hepatology*. 2015 Sep;62(3):816-28. (IF: 11.06)

Osswald M, Jung E, Sahm F, Solecki G, Venkataramani V, Blaes J, Weil S, Horstmann H, Wiestler B, Syed M, Huang L, Ratliff M, Karimian Jazi K, Kurz FT, Schmenger T, Lemke D, Gommel M, Pauli M, Liao Y, Haring P, Pusch S, Herl V, Steinhauser C, Krunic D, Jarahian M, Miletic H, Berghoff AS, Griesbeck O, Kalamakis G, Garaschuk O, Preusser M, Weiss S, Liu H, Heiland S, Platten M, Huber PE, Kuner T, von Deimling A, Wick W, Winkler F. Brain tumour cells interconnect to a functional and resistant network. *Nature*. 2015;528 (7580), 93-98. (IF: 41.46)

Ott M, Litzenger UM, Rauschenbach KJ, Bunse L, Ochs K, Sahm F, Pusch S, Opitz CA, Blaes J, von Deimling A, Wick W, Platten M. Suppression of TDO-mediated tryptophan catabolism in glioblastoma cells by a steroid-responsive FKBP52-dependent pathway. *Glia*. 2015;63 (1), 78-90. (IF: 6.00)

Ozolek JA, Cohen DE, Kool M, Pfister SM, Korshunov A, Bukowinski AJ, Davis AW. Medulloepithelioma with peculiar clinical presentation, stem cell phenotype and aberrant DNA-methylation profile. *CNS oncology*. 2015;4 (4), 203-12.

Pajtler KW, Witt H, Sill M, Jones DT, Hovestadt V, Kratochwil F, Wani K, Tatevossian R, Punchihewa C, Johann P, Reimand J, Warnatz HJ, Ryzhova M, Mack S, Ramaswamy V, Capper D, Schweizer L, Sieber L, Wittmann A, Huang Z, van Sluis P, Volckmann R, Koster J, Versteeg R, Fults D, Toledano H, Avigad S, Hoffman LM, Donson AM, Foreman N, Hewer E, Zitterbart K, Gilbert M, Armstrong TS, Gupta N, Allen JC, Karajannis MA, Zagzag D, Hasselblatt M, Kulozik AE, Witt O, Collins VP, von Hoff K, Rutkowski S, Pietsch T, Bader G, Yaspo ML, von Deimling A, Lichter P, Taylor MD, Gilbertson R, Ellison DW, Aldape K, Korshunov A, Kool M, Pfister SM. Molecular Classification of Ependymal Tumors across All CNS Compartments, Histopathological Grades, and Age Groups. *Cancer Cell*. 2015;27 (5), 728-43. (IF: 23.52)

Pekmezci M, Reuss DE, Hirbe AC, Dahiya S, Gutmann DH, von Deimling A, Horvai AE, Perry A. Morphologic and immunohistochemical features of malignant peripheral nerve sheath tumors and cellular schwannomas. *Modern pathology : an official journal of the United States and Canadian Academy of Pathology*. 2015 Inc 28 (2), 187-200. (IF: 5.49)

Pfarr N*, Kriegsmann M*, Sinn P, Klauschen F, Endris V, Herpel E, Muckenhuber A, Jesinghaus M, Klosterhalfen B, Penzel R, Lennerz JK, Weichert W, Stenzinger A. Distribution of MED12 mutations in fibroadenomas and phyllodes tumors of the breast--implications for tumor biology and pathological diagnosis. *Genes Chromosomes Cancer*. 2015 Jul;54(7):444-52. (IF: 4.04)

Pfeiffenberger J, Mogler C, Gotthardt DN, Schulze-Bergkamen H, Litwin T, Reuner U, Hefter H, Huster D, Schemmer P, Członkowska A, Schirmacher P, Stremmel W, Cassiman D, Weiss KH. Hepatobiliary malignancies in Wilson disease. *Liver Int*. 2015 May;35(5):1615-22. (IF: 4.85)

Pfütze K, Benner A, Hoffmeister M, Jansen L, Yang R, Bläker H, Herpel E, Ulrich A, Ulrich CM, Chang-Claude J, Brenner H, Burwinkel B. Methylation status at HYAL2 predicts overall and progression-free survival of colon cancer patients under 5-FU chemotherapy. *Genomics*. 2015 Dec;106(6):348-54. (IF: 2.28)

Plaschke K, Kopitz J. In vitro streptozotocin model for modeling Alzheimer-like changes: effect on amyloid precursor protein secretases and glycogen synthase kinase-3. *J Neural Transm (Vienna)*. 2015 Apr;122(4):551-7. (IF: 2.59)

Prigge ES, Toth C, Dyckhoff G, Wagner S, Müller F, Wittekindt C, Freier K, Plinkert P, Hoffmann J, Vinokurova S, Klussmann JP, von Knebel Doeberitz M, Reuschenbach M. p16(INK4a) /Ki-67 co-expression specifically identifies transformed cells in the head and neck region. *Int J Cancer*. 2015 Apr 1;136(7):1589-99. (IF: 5.09)

Protzer U, Böhm F, Longerich T, Seebach J, Heidary Navid M, Friemel J, Marques-Maggio E, Bawohl M, Heikenwalder M, Schirmacher P, Dutkowski P, Clavinet PA, Schemmer P, Schnitzler P, Gotthardt D, Müllhaupt B, Weber A. Molecular detection of hepatitis E virus (HEV) in liver biopsies after liver transplantation. *Mod Pathol*. 2015 Apr;28(4):523-32. (IF: 6.19)

Radke J, Gehlhaar C, Lenze D, Capper D, Bock A, Heppner FL, Jodicke A, Koch A: The evolution of the anaplastic cerebellar liponeurocytoma: case report and review of the literature. *Clin Neuropathol*. 2015;34 (1), 19-25. (IF: 1.27)

Radtke JP, Boxler S, Kuru TH, Wolf MB, Alt CD, Popeneciu IV, Steinemann S, Huettenbrink C, Bergstraesser-Gasch C, Klein T, Kesch C, Roethke M, Becker N, Roth W, Schlemmer HP, Hohenfellner M, Hadaschik BA. Improved detection of anterior fibromuscular stroma and transition zone prostate cancer using biparametric and multiparametric MRI with MRI-targeted biopsy and MRI-US fusion guidance. *Prostate Cancer Prostatic Dis*. 2015 Sep;18(3):288-96. (IF: 3.43)

Radtke JP, Hadaschik BA, Wolf MB, Freitag MT, Schwab C, Alt C, Roth W, Duensing S, Pahernik SA, Roethke MC, Schlemmer HP, Hohenfellner M, Teber D. The Impact of Magnetic Resonance Imaging on Prediction of Extraprostatic Extension and Prostatectomy Outcome in Patients with Low-, Intermediate- and High-Risk Prostate Cancer: Try to Find a Standard. *J Endourol*. 2015 Dec;29(12):1396-405. (IF: 1.71)

Rehlen T, Lasitschka F, Pribe-Wolferts R, Stremmel W, Katus H, Dösch A, Eisenbach C. Microscopic (collagenous) colitis in a patient with a heart transplant. *Endoscopy*. 2015;47 Suppl 1 UCTN:E314-5. (IF: 5.10)

Rettig I, Koeneke E, Trippel F, Mueller WC, Burhenne J, Kopp-Schneider A, Fabian J, Schober A, Fernekorn U, von Deimling A, Deubzer HE, Milde T, Witt O, Oehme I. Selective inhibition of HDAC8 decreases neuroblastoma growth in vitro and in vivo and enhances retinoic acid-mediated differentiation. *Cell Death Dis.* 2015;6 e1657. (IF: 5.17)

Reuschenbach M, Huebbers CU, Prigge ES, Bermejo JL, Lateis MS, Preuss SF, Seuthe IM, Kolligs J, Spee EJ, Olthoff N, Kremer B, Wagner S, Klussmann JP, Vinokurova S, von Knebel Doeberitz M. Methylation status of HPV16 E2-binding sites classifies subtypes of HPV-associated oropharyngeal cancers. *Cancer* 2015 Jun 121 (12) 1966-76 (IF: 5.65)

Reuschenbach M. [Targeting p16(INK4a) by therapeutic vaccination: Concept and status of clinical investigations in HPV-associated head and neck cancers]. *HNO.* 2015 Feb;63(2):104-10. (IF: 0.85)

Reuss DE, Kratz A, Sahm F, Capper D, Schrimpf D, Koelsche C, Hovestadt V, Bewerunge-Hudler M, Jones DT, Schittenhelm J, Mittelbronn M, Rushing E, Simon M, Westphal M, Unterberg A, Platten M, Paulus W, Reifenberger G, Tonn JC, Aldape K, Pfister SM, Korshunov A, Weller M, Herold-Mende C, Wick W, Brandner S, von Deimling A. Adult IDH wild type astrocytomas biologically and clinically resolve into other tumor entities. *Acta Neuropathol.* 2015;130 (3), 407-17. (IF: 11.36)

Reuss DE, Mamatjan Y, Schrimpf D, Capper D, Hovestadt V, Kratz A, Sahm F, Koelsche C, Korshunov A, Olar A, Hartmann C, Reijneveld JC, Wesseling P, Unterberg A, Platten M, Wick W, Herold-Mende C, Aldape K, von Deimling A. IDH mutant diffuse and anaplastic astrocytomas have similar age at presentation and little difference in survival: a grading problem for WHO. *Acta Neuropathol.* 2015;129 (6), 867-73. (IF: 11.36)

Reuss DE, Sahm F, Schrimpf D, Wiestler B, Capper D, Koelsche C, Schweizer L, Korshunov A, Jones DT, Hovestadt V, Mittelbronn M, Schittenhelm J, Herold-Mende C, Unterberg A, Platten M, Weller M, Wick W, Pfister SM, von Deimling A. ATRX and IDH1-R132H immunohistochemistry with subsequent copy number analysis and IDH sequencing as a basis for an "integrated" diagnostic approach for adult astrocytoma, oligodendroglioma and glioblastoma. *Acta Neuropathol.* 2015;129 (1), 133-46. (IF: 11.36)

Reuter T, Warta R, Theile D, Meid AD, Rigalli JP, Mogler C, Herpel E, Grabe N, Lahrman B, Plinkert PK, Herold-Mende C, Dyckhoff G, Haefeli WE, Weiss J. Role of NR1I2 (pregnane X receptor) polymorphisms in head and neck squamous cell carcinoma. *Naunyn Schmiedebergs Arch Pharmacol.* 2015 Nov;388(11):1141-50. (IF: 2.47)

Rieber J, Schmitt J, Warth A, Muley T, Kappes J, Eichhorn F, Hoffmann H, Heussel CP, Welzel T, Debus J, Thomas M, Steins M°, Rieken S°. Outcome and prognostic factors of multimodal therapy for pulmonary large-cell neuroendocrine carcinomas. *Eur J Med Res.* 2015 Aug 14;20:64. (IF: 1.50)

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.* 2015 Dec 1. pii: S0167-8140(15)00619-2. (IF: 4.36)

Roessler S*, Lin G*, Fergues M, Budhu A, Hoover S, Simpson RM, Wu X, He P, Qin LX, Tang ZY, Ye QH, Wang XW. Integrative genomic and transcriptomic characterization of matched primary and metastatic liver and colorectal carcinoma *Int J Biol Sci.* 2015 Jan 1;11(1):88-98. (IF: 4.51)

Roth A, Diederichs S: "RAP and ChIRP about X inactivation" *Nature* (2015) 521: 170-171 (IF: 41.46)

Sadeghi M, Lahdou I, Weir H, Daniel V, Terness P, Schmidt J, Weiss KH, Longerich T, Schemmer P, Opelz G, Mehrabi A. Serum levels of chemokines CCL4 and CCL5 in cirrhotic patients indicate the presence of hepatocellular carcinoma. *Br J Cancer.* 2015 Sep 1;113(5):756-62. (IF: 4.84)

Safi S, Beckhove P, Warth A, Benner A, Roeder F, Rieken S, Debus J, Dienemann H, Hoffmann H, Huber PE. A randomized phase II study of radiation induced immune boost in operable non-small cell lung cancer (RadImmune trial). *BMC Cancer.* 2015 Dec 19;15:988. (IF: 3.36)

Sahm F, von Deimling A. Farewell to oligoastrocytoma: response to letters. *Acta Neuropathol.* 2015;129 (1), 155. (IF: 11.36)

Schirmacher P, Moch H. [Statutes of the Rudolf-Virchow-Stiftung für Pathologie]. *Pathologe.* 2015 Nov;36 Suppl 2:261-2. (IF: 0.39)

Schirmacher P, Schmid KW. Remove polyps and discard? Resist the beginnings! *Pathologe.* 2015 Mar;36(2):181 (IF: 0.39)

Schirmacher P. [Laudation for Prof. Dr. Dr. h.c. Manfred Dietel : Awarding of the Rudolf Virchow Medal 2015 of the German Society of Pathology]. *Pathologe.* 2015 Nov;36 Suppl 2:144-5. (IF: 0.39)

Schirra A, Hartschuh W, Andrusis M, Enk A, Toberer F. Perianal hemorrhagic erythema. *J Dtsch Dermatol Ges.* 2015 Jul;13(7):707-9. (IF: 2.05)

Schlake W, Schirmacher P, Schierle K, Paulus W. Communications of the Federal Association of German Pathologists: Further education (model) curriculum, status 29 April 2015. *Pathologe.* 2015 Nov;36(6):615-8 (IF: 0.39)

Schmidt S, Schenkova K, Adam T, Erikson E, Lehmann-Koch J, Sertel S, Verhasselt B, Fackler OT, Lasitschka F, Keppler OT. SAMHD1's protein expression profile in humans. *J Leukoc Biol.* 2015 Jul;98(1):5-14. (IF: 4.29)

Schmidt T, Alldinger I, Blank S, Klose J, Springfield C, Dreikhausen L, Weichert W, Grenacher L, Bruckner T, Lordick F, Ulrich A, Büchler MW, Ott K. Surgery in oesophago-gastric cancer with metastatic disease: Treatment, prognosis and preoperative patient selection. *Eur J Surg Oncol.* 2015 Oct;41(10):1340-7. (IF: 3.01)

Schmidt T, Sisis L, Sterzing F, Haag GM, Kunzmann R, Grenacher L, Weichert W, Jäger D, Büchler MW, Ott K. Salvage surgery in esophageal cancer : Feasibility in patients after definitive radiochemotherapy (> 50 Gy). *Chirurg.* 2015 Oct;86(10):955-62. (IF: 0.63)

Schmitt S, Kynast K, Schirmacher P, Herpel E. [Maintainance of a research tissue bank : (Infra)structural and quality aspects]. *Pathologe.* 2015 Nov;36 Suppl 2:205-9. (IF: 0.39)

Schneider MA, Granzow M, Warth A, Schnabel PA, Thomas M, Herth FJ, Dienemann H, Muley T, Meister M. Glycodelin: A New Biomarker with Immunomodulatory Functions in Non-Small Cell Lung Cancer. *Clin Cancer Res.* 2015 Aug 1;21(15):3529-40. (IF: 8.72)

Schrader CH, Kolb M, Zaoui K, Flechtenmacher C, Grabe N, Weber KJ, Hielscher T, Plinkert PK, Hess J. Kallikrein-related peptidase 6 regulates epithelial-to-mesenchymal transition and serves as prognostic biomarker for head and neck squamous cell carcinoma patients. *Mol Cancer.* 2015 May 20;14:107. (IF: 4.26)

Schuetz W, Schirmacher P, Eberhardt WE, Fischer JR, von der Schulenburg JM, Mezger J, Schumann C, Serke M, Zaun S, Dietel M, Thomas M. EGFR mutation status and first-line treatment in patients with stage III/IV non-small cell lung cancer in Germany: an observational study. *Cancer Epidemiol Biomarkers Prev.* 2015 Aug;24(8):1254-61. (IF: 4.13)

Schwamb B, Pick R, Fernández SB, Völp K, Heering J, Dötsch V, Bösser S, Jung J, Beinoraviciute-Kellner R, Wesely J, Zörnig I, Hammerschmidt M, Nowak M, Penzel R, Zatloukal K, Joos S, Rieker RJ, Agaimy A, Söder S, Reid-Lombardo KM, Kendrick ML, Bardsley MR, Hayashi Y, Asuzu DT, Syed SA, Ordog T°, Zörnig M°. FAM96A is a novel pro-apoptotic tumor suppressor in gastrointestinal stromal tumors. *Int J Cancer.* 2015 Sep 15;137(6):1318-29. (IF: 5.09)

Schweizer L, Capper D, Holsken A, Fahlbusch R, Flitsch J, Buchfelder M, Herold-Mende C, von Deimling A, Buslei R. BRAF V600E analysis for the differentiation of papillary Craniopharyngiomas and Rathke's Cleft Cysts. *Neuropathol Appl Neurobiol.* 2015;41 (6), 733-42. (IF: 3.93)

Seidensaal K*, Nollert A*, Feige AH, Muller M, Fleming T, Gunkel N, Zaoui K, Grabe N, Weichert W, Weber KJ, Plinkert P, Simon C, Hess J. Impaired aldehyde dehydrogenase 1 subfamily member 2A-dependent retinoic acid

signaling is related with a mesenchymal-like phenotype and an unfavorable prognosis of head and neck squamous cell carcinoma. *Mol Cancer*. 2015 Dec 3;14:204. (IF: 4.26)

Sievers E, Trautmann M, Kindler D, Huss S, Gruenewald I, Dirksen U, Renner M, Mechttersheimer G, Pedoutour F, Åman P, Nishio J, Schildhaus HU, Kirfel J, Schirmacher P, Wardelmann E, Buettner R, Hartmann W. SRC inhibition represents a potential therapeutic strategy in liposarcoma. *Int J Cancer*. 2015 Dec 1;137(11):2578-88. (IF: 5.09)

Springfeld C, Wiecha C, Kunzmann R, Heger U, Weichert W, Langer R, Stange A, Blank S, Sisic L, Schmidt T, Lordick F, Jäger D, Grenacher L, Bruckner T, Büchler MW, Ott K. Influence of Different Neoadjuvant Chemotherapy Regimens on Response, Prognosis, and Complication Rate in Patients with Esophagogastric Adenocarcinoma. *Ann Surg Oncol*. 2015 Dec;22 Suppl 3:S905-14. (IF: 3.93)

Staffa L, Echterdiek F, Nelius N, Benner A, Werft W, Lahrmann B, Grabe N, Schneider M, Tariverdian M, von Knebel Doeberitz M, Bläker H, Kloor M. Mismatch repair-deficient crypt foci in Lynch syndrome--molecular alterations and association with clinical parameters. *PLoS One*. 2015 Mar 27;10(3):e0121980. (IF: 3.23)

Stenzinger A, Pfarr N, Penzel R, Wolf T, Schirmacher P, Endris V, Weichert W. Semiconductor-based sequencing of formalin-fixed, paraffin-embedded colorectal cancer samples. *Oncologist*. 2015 May;20(5):e10-1. (IF: 4.87)

Stenzinger A, Weichert W, Lennerz JK, Klauschen F. Basket Trials: Just the End of the First Quarter. *J Clin Oncol*. 2015 Sep 1;33(25):2823-4. (IF: 18.43)

Stoy C, Sundaram A, Rios Garcia M, Wang X, Seibert O, Zota A, Wendler S, Männle D, Hinz U, Sticht C, Muciek M, Gretz N, Rose AJ, Greiner V, Hofmann TG, Bauer A, Hoheisel J, Berriel Diaz M, Gaida MM, Werner J, Schafmeier T, Strobel O, Herzig S. Transcriptional co-factor Transducin beta-like (TBL) 1 acts as a checkpoint in pancreatic cancer malignancy. *EMBO Mol Med*. 2015 Jun 12;7(8):1048-62. (IF: 8.67)

Straub BK. [Lipid droplet-associated proteins : Importance in steatosis, steatohepatitis and hepatocarcinogenesis]. *Pathologe*. 2015 Nov;36 Suppl 2:146-52. (IF: 0.39)

Strobel O, Hinz U, Gluth A, Hank T, Hackert T, Bergmann F, Werner J, Büchler MW. Pancreatic adenocarcinoma: number of positive nodes allows to distinguish several N categories. *Ann Surg*. 2015 May;261(5):961-9. (IF: 8.33)

Surmann EM, Voigt AY, Michel S, Bauer K, Reuschenbach M, Ferrone S, von Knebel Doeberitz M, Kloor M. Association of high CD4-positive T cell infiltration with mutations in HLA class II-regulatory genes in microsatellite-unstable colorectal cancer. *Cancer Immunology Immunotherapy*. 2015;64, 357-366. (IF: 4.85)

Syx D, Van Damme T, Symoens S, Maiburg MC, van de Laar I, Morton J, Suri M, Del Campo M, Hausser I, Hermanns-Lê T, De Paepe A, Malfait F. Genetic heterogeneity and clinical variability in musculocontractural Ehlers-Danlos syndrome caused by impaired dermatan sulfate biosynthesis. *Hum Mutat*. 2015 May;36(5):535-47. (IF: 5.14)

Szikszai T*, Lasitschka F*, Giese T, Greulich M, Lee YS, Ilse J, Schiessling S, Leowardi C, Al-Saeedi M, Winter J, Meuer S, Schröder-Braunstein J. Standardization of a human organ culture model of intestinal inflammation and its application for drug testing. *J Immunol Methods*. 2015 Jun;421:96-103. (IF: 1.82)

Tabrizi SN, Tan SE, von Knebel Doeberitz C, Tan J, Quinn MA, Garland SM. Evaluation of p16INK4a immunostaining for the detection of high-grade changes in cervical cytology. *Pathology*. 2015 Jun;47(4):314-9. (IF: 2.97)

Tannapfel A, Aust D, Baretton GB, Bläker H, Esposito I, Langner C, Vieth M, Wardelmann E, Kirchner T, Schirmacher P. Remove polyps and discard. Way or wrong way? *Pathologe*. 2015 Mar;36(2):182-5 (IF: 0.39)

Teichert M*, Stumpf C*, Booken N, Wobser M, Nashan D, Hallermann C, Mogler C, Müller CS, Becker JC, Moritz RK, Andrusis M, Nicolay JP, Goerdts S, Thomas M, Klemke CD, Augustin HG, Felcht M. Aggressive primary

cutaneous B-cell lymphomas show increased Angiopoietin-2-induced angiogenesis. *Exp Dermatol.* 2015 Jun;24(6):424-9. (IF: 3.76)

Teodorczyk M*, Kleber S*, Wollny D*, Sefrin JP, Aykut B, Mateos A, Herhaus P, Sancho-Martinez I, Hill O, Gieffers C, Sykora J, Weichert W, Eisen C, Trumpp A, Sprick MR, Bergmann F, Welsch T, Martin-Villalba A. CD95 promotes metastatic spread via Sck in pancreatic ductal adenocarcinoma. *Cell Death Differ.* 2015 Jul;22(7):1192-202. (IF: 8.18)

Teufel U*, Peccerella T*, Engelmann G, Bruckner T, Flechtenmacher C, Millonig G, Stickel F, Hoffmann GF, Schirmacher P, Mueller S, Bartsch H, Seitz HK. Detection of carcinogenic etheno-DNA adducts in children and adolescents with non-alcoholic steatohepatitis (NASH). *Hepatobiliary Surg Nutr.* 2015 Dec;4(6):426-35. (IF: ???)

Thewes V, Simon R, Schroeter P, Schlotter M, Anzeneder T, Büttner R, Benes V, Sauter G, Burwinkel B, Nicholson RI, Sinn HP, Schneeweiss A, Deuschle U, Zapatka M, Heck S, Lichter P. Reprogramming of the ER α and ER α target gene landscape triggers tamoxifen resistance in breast cancer. *Cancer Res.* 2015 Feb 15;75(4):720-31. (IF: 8.56)

Thomann S*, Baek S*, Ryschich E. Impact of wall shear stress and ligand avidity on binding of anti-CD146-coated nanoparticles to murine tumor endothelium under flow. *Oncotarget.* 2015 Nov 24;6(37):39960-8. (IF: 6.36)

Thomas C, Ruland V, Kordes U, Hartung S, Capper D, Pietsch T, Gerss J, Wolff JE, Paulus W, Hasselblatt M. Pediatric atypical choroid plexus papilloma reconsidered: increased mitotic activity is prognostic only in older children. *Acta Neuropathol.* 2015;129 (6), 925-7. (IF: 11.36)

Thomas M, Fischer J, Andreas S, Kortsik C, Grah C, Serke M, von Eiff M, Witt C, Kollmeier J, Müller E, Schenk M, Schröder M, Villalobos M, Reinmuth N, Penzel R, Schnabel P, Acker T, Reuss A, Wolf M; ABC-Lung Cancer Group. Erlotinib and bevacizumab versus cisplatin, gemcitabine and bevacizumab in unselected nonsquamous nonsmall cell lung cancer. *Eur Respir J.* 2015 Jul;46(1):219-29. (IF: 7.64)

Tinhofer I, Jöhrens K, Keilholz U, Kaufmann A, Lehmann A, Weichert W, Stenzinger A, Stromberger C, Klinghammer K, Becker ET, Dommerich S, Stölzel K, Hofmann VM, Hildebrandt B, Moser L, Ervens J, Böttcher A, Albers A, Stabenow R, Reinecke A, Budach V, Hoffmeister B, Raguse JD. Contribution of human papilloma virus to the incidence of squamous cell carcinoma of the head and neck in a European population with high smoking prevalence. *Eur J Cancer.* 2015 Mar;51(4):514-21. (IF: 5.42)

Tinhofer I, Niehr F, Konschak R, Liebs S, Munz M, Stenzinger A, Weichert W, Keilholz U, Budach V. Next-generation sequencing: hype and hope for development of personalized radiation therapy? *Radiat Oncol.* 2015 Aug 28;10:183. (IF: 2.55)

Torbenson M, Schirmacher P. Liver cancer biopsy--back to the future?! *Hepatology.* 2015 Feb;61(2):431-3 (IF: 11.06)

Tosev G, Kuru TH, Huber J, Freier G, Bergmann F, Hassel JC, Pahernik SA, Hohenfellner M, Hadaschik BA. Primary melanoma of the prostate: case report and review of the literature. *BMC Urol.* 2015 Jul 14;15:68. (IF: 1.42)

Ueberham E, Glöckner P, Göhler C, Straub BK, Teupser D, Schönig K, Braeuning A, Höhn AK, Jerchow B, Birchmeier W, Gaunitz F, Arendt T, Sansom O, Gebhardt R, Ueberham U. Global increase of p16INK4a in APC-deficient mouse liver drives clonal growth of p16INK4a-negative tumors. *Mol Cancer Res.* 2015 Feb;13(2):239-49. (IF: 4.38)

Valentin F*, Oji V*, Hausser I, Liebau E, Tarinski T, Metze D, Breitkreutz D, Traupe H, Jonca N, Terheyden P. Increased expression of caspase-1 and interleukin-18 in peeling skin disease, and a novel mutation of corneodesmosin. *Acta Derm Venereol.* 2015 Nov;95(8):1019-21. (IF: 3.03)

Vértesy S, Michalak M, Miller MC, Schnölzer M, André S, Kopitz J, Mayo KH, Gabius HJ. Structural significance of galectin design: impairment of homodimer stability by linker insertion and partial reversion by ligand presence. *Protein Eng Des Sel*. 2015;28(7):199-210. (IF: 2.36)

von Karstedt S, Conti A, Nobis M, Montinaro A, Hartwig T, Lemke J, Legler K, Annewanter F, Campbell AD, Taraborrelli L, Grosse-Wilde A, Coy JF, El-Bahrawy MA, Bergmann F, Koschny R, Werner J, Ganten TM, Schweiger T, Hoetzenecker K, Kenessey I, Hegedüs B, Bergmann M, Hauser C, Egberts JH, Becker T, Röcken C, Kalthoff H, Trauzold A, Anderson KI, Sansom OJ, Walczak H. Cancer cell-autonomous TRAIL-R signaling promotes KRAS-driven cancer progression, invasion, and metastasis. *Cancer Cell* 2015;27(4):561-573. (IF: 23.52)

von Laffert M, Stenzinger A, Hummel M, Weichert W, Lenze D, Warth A, Penzel R, Herbst H, Kellner U, Jurmeister P, Schirmacher P, Dietel M, Klauschen F. ALK-FISH borderline cases in non-small cell lung cancer: Implications for diagnostics and clinical decision making. *Lung Cancer*. 2015 Dec;90(3):465-71. (IF: 3.96)

Wagner NB, Weide B, Reith M, Tarnanidis K, Kehrel C, Lichtenberger R, Pflugfelder A, Herpel E, Eubel J, Ikenberg K, Busch C, Holland-Letz T, Naeher H, Garbe C, Umansky V, Enk A, Utikal J, Gebhardt C. Diminished levels of the soluble form of RAGE are related to poor survival in malignant melanoma. *Int J Cancer*. 2015 Dec 1;137(11):2607-17. (IF: 5.09)

Wagner S, Würdemann N, Hübbers C, Reuschenbach M, Prigge ES, Wichmann G, Hess J, Dietz A, Dürst M, Tinhofer I, von Knebel-Döberitz M, Wittekindt C, Klussmann JP. [HPV-associated head and neck cancer : Mutational signature and genomic aberrations]. *HNO*. 2015 Nov;63(11):758-67. (IF: 0.85)

Waldburger N, Endris V, Penzel R, Schemmer P, Weiss KH, Straub B, Longerich T, Schirmacher P, Rössler S. Comprehensive profiling and predictive molecular marker identification for hepatocellular carcinoma. *Z Gastroenterol* 2015 53 - A4_9. (IF: 1.05)

Waldburger N, Weiss KH, Schemmer P, Radeleff B, Kratochwil C, Bergmann F, Schirmacher P. Primäres hepatozellulär-neuroendokrines Mischdifferenziertes Karzinom der Leber. *Gastroenterologie up2date* 2015 11(03): 156. (IF: 0.00)

Waldera Lupa DM, Kalfalah F, Safferling K, Boukamp P, Poschmann G, Volpi E, Götz-Rösch C, Bernerd F, Haag L, Huebenthal U, Fritsche E, Boege F, Grabe N, Tigges J, Stühler K, Krutmann J. Characterization of Skin Aging-Associated Secreted Proteins (SAASP) Produced by Dermal Fibroblasts Isolated from Intrinsically Aged Human Skin. *J Invest Dermatol*. 2015 Aug;135(8):1954-68. (IF: 6.92)

Wannhoff A, Rupp C, Friedrich K, Brune M, Knierim J, Flechtenmacher C, Sauer P, Stremmel W, Hov JR, Schirmacher P, Weiss KH, Gotthardt DN. Inflammation But Not Biliary Obstruction Is Associated With Carbohydrate Antigen 19-9 Levels in Patients With Primary Sclerosing Cholangitis. *Clin Gastroenterol Hepatol*. 2015 Dec;13(13):2372-9. (IF: 7.90)

Warth A, Endris V, Kriegsmann M, Stenzinger A, Penzel R, Pfarr N, Weichert W. [Molecular diagnostics of non-small cell lung cancer: New markers and technologies]. *Pathologie*. 2015 Mar;36(2):154-63. (IF: 0.39)

Warth A, Muley T, Kossakowski C, Stenzinger A, Schirmacher P, Dienemann H, Weichert W. Prognostic impact and clinicopathological correlations of the cribriform pattern in pulmonary adenocarcinoma. *J Thorac Oncol*. 2015 Apr;10(4):638-44. (IF: 5.28)

Warth A, Muley T, Kossakowski CA, Goeppert B, Schirmacher P, Dienemann H, Weichert W. Prognostic Impact of Intra-alveolar Tumor Spread in Pulmonary Adenocarcinoma. *Am J Surg Pathol*. 2015 Jun;39(6):793-801. (IF: 5.15)

Warth A, Muley T, Meister M, Weichert W. Preanalytics in lung cancer. *Recent Results Cancer Res*. 2015;199:71-84. (IF: 0.00)

Warth A, Weichert W, Reck M, Reinmuth N. [ROS1-Translocations in Non-Small Cell Lung Cancer]. *Pneumologie*. 2015 Aug;69(8):477-82. (IF: 0.00)

Warth A. [Diagnosis, prognosis, and prediction of non-small cell lung cancer: Importance of morphology, immunohistochemistry and molecular pathology]. *Pathologe*. 2015 Nov;36 Suppl 2:194-200. (IF: 0.39)

Watermann I, Schmitt B, Stellmacher F, Müller J, Gaber R, Kugler Ch, Reinmuth N, Huber RM, Thomas M, Zabel P, Rabe KF, Jonigk D, Warth A, Vollmer E, Reck M, Goldmann T. Improved diagnostics targeting c-MET in non-small cell lung cancer: expression, amplification and activation? *Diagn Pathol*. 2015 Jul 28;10:130. (IF: 2.60)

Weichert W. Limitations, pitfalls and perspectives of diagnostic massive parallel sequencing efforts in oncology. *Pathologe*. 2015 Nov;36 Suppl 2:162-6. (IF: 0.39)

Weichert W. Report of the chairman of the Working Group for Head and Neck Pathology of the German Society of Pathology : Annual activities 2014-2015. *Pathologe*. 2015 Nov;36 Suppl 2:232-3. (IF: 0.39)

Weller M, Weber RG, Willscher E, Rieher V, Hentschel B, Kreuz M, Felsberg J, Beyer U, Löffler-Wirth H, Kaulich K, Steinbach JP, Hartmann C, Gramatzki D, Schramm J, Westphal M, Schackert G, Simon M, Martens T, Bostrom J, Hagel C, Sabel M, Krex D, Tonn JC, Wick W, Noell S, Schlegel U, Radlwimmer B, Pietsch T, Loeffler M, von Deimling A, Binder H, Reifenberger G. Molecular classification of diffuse cerebral WHO grade II/III gliomas using genome- and transcriptome-wide profiling improves stratification of prognostically distinct patient groups. *Acta Neuropathol*. 2015;129 (5), 679-93. (IF: 11.36)

Welzel G, Gehweiler J, Brehmer S, Appelt JU, von Deimling A, Seiz-Rosenhagen M, Schmiedek P, Wenz F, Giordano FA: Metronomic chemotherapy with daily low-dose temozolomide and celecoxib in elderly patients with newly diagnosed glioblastoma multiforme: a retrospective analysis. *J Neurooncol*. 2015;124 (2), 265-73. (IF: 3.07)

Woerner SM, Tosti E, Yuan YP, Kloor M, Bork P, Edelmann W, Gebert J. Detection of coding microsatellite frameshift mutations in DNA mismatch repair-deficient mouse intestinal tumors. *Mol Carcinog*. 2015 Nov;54(11):1376-86. (IF: 4.81)

Yamauchi Y, Muley T, Safi S, Rieken S, Bischoff H, Kappes J, Warth A, Herth FJ, Dienemann H, Hoffmann H. The dynamic pattern of recurrence in curatively resected non-small cell lung cancer patients: Experiences at a single institution. *Lung Cancer*. 2015 Nov;90(2):224-9. (IF: 3.96)

Zhang CC, Gdynia G, Ehemann V, Roth W. The HMGB1 protein sensitizes colon carcinoma cells to cell death triggered by pro-apoptotic agents. *Int J Oncol*. 2015 Feb;46(2):667-76. (IF: 3.03)

Zhou X*, Li J*, Marx C*, Tolstov Y, Rauch G, Herpel E, Macher-Goeppinger S, Roth W, Grüllich C, Pahernik S, Hohenfellner M, Duensing S. Uncoupling of PUMA Expression and Apoptosis Contributes to Functional Heterogeneity in Renal Cell Carcinoma - Prognostic and Translational Implications. *Transl Oncol*. 2015 Dec;8(6):480-6. (IF: 2.88)

Zuckermann M, Hovestadt V, Knobbe-Thomsen CB, Zapatka M, Northcott PA, Schramm K, Belic J, Jones DT, Tschida B, Moriarity B, Largaespada D, Roussel MF, Korshunov A, Reifenberger G, Pfister SM, Lichter P, Kawachi D, Gronych J. Somatic CRISPR/Cas9-mediated tumour suppressor disruption enables versatile brain tumour modelling. *Nature communications*. 2015;6 7391. (IF: 11.33)