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Publications

- 1: Abboud T, Schwarz C, Westphal M, Martens T. A comparison between threshold criterion and amplitude criterion in transcranial motor evoked potentials during surgery for supratentorial lesions. *J Neurosurg.* 2018 Sep 7:1-10. doi: 10.3171/2018.4.JNS172468. [Epub ahead of print] PubMed PMID: 30192199.
- 2: Stichel D, Ebrahimi A, Reuss D, Schrimpf D, Ono T, Shirahata M, Reifenberger G, Weller M, Hänggi D, Wick W, Herold-Mende C, Westphal M, Brandner S, Pfister SM, Capper D, Sahm F, von Deimling A. Distribution of EGFR amplification, combined chromosome 7 gain and chromosome 10 loss, and TERT promoter mutation in brain tumors and their potential for the reclassification of IDHwt astrocytoma to glioblastoma. *Acta Neuropathol.* 2018 Sep 5. doi: 10.1007/s00401-018-1905-0. [Epub ahead of print] PubMed PMID: 30187121.
- 3: Coenen VA, Sajonz B, Reisert M, Bostroem J, Bewernick B, Urbach H, Jenkner C, Reinacher PC, Schlaepfer TE, Mädler B. Tractography-assisted deep brain stimulation of the superolateral branch of the medial forebrain bundle (sMFB DBS) in major depression. *Neuroimage Clin.* 2018 Aug 14;20:580-593. doi: 10.1016/j.nicl.2018.08.020. eCollection 2018. PubMed PMID: 30186762; PubMed Central PMCID: PMC6120598.
- 4: Dziewas R, Stellato R, van der Tweel I, Walther E, Werner CJ, Braun T, Citerio G, Jandl M, Friedrichs M, Nötzel K, Vosko MR, Mistry S, Hamdy S, McGowan S, Warnecke T, Zwitter P, Bath PM; PHAST-TRAC investigators. Pharyngeal electrical stimulation for early decannulation in tracheotomised patients with neurogenic dysphagia after stroke (PHAST-TRAC): a prospective, single-blinded, randomised trial. *Lancet Neurol.* 2018 Aug 28. pii: S1474-4422(18)30255-2. doi: 10.1016/S1474-4422(18)30255-2. [Epub ahead of print] PubMed PMID: 30170898.
- 5: Czorlich P, Krätzig T, Kluge N, Skevas C, Knospe V, Spitzer MS, Dreimann M, Mende KC, Westphal M, Eicker SO. Intraocular pressure during neurosurgical procedures in context of head position and loss of cerebrospinal fluid. *J Neurosurg.* 2018 Aug 24:1-10. doi: 10.3171/2018.3.JNS173098. [Epub ahead of print]

print] PubMed PMID: 30141760.

6: Rutkowski S, Modena P, Williamson D, Kerl K, Nysom K, Pizer B, Bartels U, Puget S, Doz F, Michalski A, von Hoff K, Chevignard M, Avula S, Murray MJ, Schönberger S, Czech T, Schouten-van Meeteren AYN, Kordes U, Kramm CM, van Vuurden DG, Hulleman E, Janssens GO, Solanki GA, van Veelen MC, Thomale U, Schuhmann MU, Jones C, Giangaspero F, Figarella-Branger D, Pietsch T, Clifford SC, Pfister SM, Van Gool SW. Biological material collection to advance translational research and treatment of children with CNS tumours: position paper from the SIOPE Brain Tumour Group. *Lancet Oncol*. 2018 Aug;19(8):e419-e428. doi: 10.1016/S1470-2045(18)30364-4. Review. PubMed PMID: 30102236.

7: Lenga P, Hohaus C, Hong B, Kursumovic A, Maldaner N, Burkhardt JK, Bijlenga P, Rüfenacht DA, Schmidt NO, Vajkoczy P, Dengler J; Giant Intracranial Aneurysm Registry Study Group. Giant intracranial aneurysms of the posterior circulation and their relation to the brainstem: analysis of risk factors for neurological deficits. *J Neurosurg*. 2018 Aug 10:1-7. doi: 10.3171/2018.4.JNS172343. [Epub ahead of print] PubMed PMID: 30095339.

8: Ottenhausen M, Anetsberger S, Kleffmann J, Schuss P, Konczalla J, Krawagna M, Burkhardt JK, Reitz M, Xu R, Albers L, Ntoulas G, Meyer B, Joedicke A, Krieg SM. Risk factors for dropping Out of Neurosurgical residency programs - The RONIN Survey. *World Neurosurg*. 2018 Aug 2. pii: S1878-8750(18)31673-5. doi: 10.1016/j.wneu.2018.07.195. [Epub ahead of print] PubMed PMID: 30077746.

9: Fenske W, Refardt J, Chifu I, Schnyder I, Winzeler B, Drummond J, Ribeiro-Oliveira A Jr, Drescher T, Bilz S, Vogt DR, Malzahn U, Kroiss M, Christ E, Henzen C, Fischli S, Tönjes A, Mueller B, Schopohl J, Flitsch J, Brabant G, Fassnacht M, Christ-Crain M. A Copeptin-Based Approach in the Diagnosis of Diabetes Insipidus. *N Engl J Med*. 2018 Aug 2;379(5):428-439. doi: 10.1056/NEJMoa1803760. PubMed PMID: 30067922.

10: Schramm P, Navia P, Papa R, Zamarro J, Tomasello A, Weber W, Fiehler J, Michel P, Pereira VM, Krings T, Gralla J, Santalucia P, Pierot L, Lo TH. ADAPT technique with ACE68 and ACE64 reperfusion catheters in ischemic stroke treatment: results from the PROMISE study. *J Neurointerv Surg*. 2018 Jul 30. pii: neurintsurg-2018-014122. doi: 10.1136/neurintsurg-2018-014122. [Epub ahead of print] PubMed PMID: 30061367.

11: Witt H, Gramatzki D, Hentschel B, Pajtler KW, Felsberg J, Schackert G, Löffler M, Capper D, Sahm F, Sill M, von Deimling A, Kool M, Herrlinger U, Westphal M, Pietsch T, Reifenberger G, Pfister SM, Tonn JC, Weller M; German Glioma Network. DNA methylation-based classification of ependymomas in adulthood: implications for diagnosis and treatment. *Neuro Oncol*. 2018 Jul 24. doi: 10.1093/neuonc/now118. [Epub ahead of print] PubMed PMID: 30053291.

12: Kathagen-Buhmann A, Maire CL, Weller J, Schulte A, Matschke J, Holz M, Ligon KL, Glatzel M, Westphal M, Lamszus K. The secreted glycolytic enzyme GPI/AMF stimulates glioblastoma cell migration and invasion in an autocrine fashion but can have antiproliferative effects. *Neuro Oncol*. 2018 Jul 24. doi: 10.1093/neuonc/now117. [Epub ahead of print] PubMed PMID: 30053149.

13: Mader MM, Grensemann J, Kluge S, Westphal M, Czorlich P. Rate and impact of multidrug-resistant organisms in patients with aneurysmal subarachnoid hemorrhage. *Acta Neurochir (Wien)*. 2018 Jul 25. doi: 10.1007/s00701-018-3637-2. [Epub ahead of print] PubMed PMID: 30046875.

14: Choe CU, Hidding U, Schaper M, Gulberti A, Köppen J, Buhmann C, Gerloff C, Moll CKE, Hamel W, Pötter-Nerger M. Thalamic short pulse stimulation diminishes adverse effects in essential tremor

patients. *Neurology*. 2018 Aug 21;91(8):e704-e713. doi: 10.1212/WNL.0000000000006033. Epub 2018 Jul 25. PubMed PMID: 30045955.

15: Vergouwen MD, Rinkel GJ, Algra A, Fiehler J, Steinmetz H, Vajkoczy P, Rutten FH, Luntz S, Hänggi D, Etminan N; PROTECT-U investigators. Prospective Randomized Open-label Trial to evaluate risk faCTor management in patients with Unruptured intracranial aneurysms: Study protocol. *Int J Stroke*. 2018 Jan 1:1747493018790033. doi: 10.1177/1747493018790033. [Epub ahead of print] PubMed PMID: 30019634.

16: Kehrer-Sawatzki H, Kluwe L, Friedrich RE, Summerer A, Schäfer E, Wahlländer U, Matthies C, Gugel I, Farschtschi S, Hagel C, Cooper DN, Mautner VF. Phenotypic and genotypic overlap between mosaic NF2 and schwannomatosis in patients with multiple non-intradermal schwannomas. *Hum Genet*. 2018 Jul 13. doi: 10.1007/s00439-018-1909-9. [Epub ahead of print] PubMed PMID: 30006736.

17: Tian Q, Wintermark M, Jeffrey Elias W, Ghanouni P, Halpern CH, Henderson JM, Huss DS, Goubran M, Thaler C, Airan R, Zeineh M, Pauly KB, McNab JA. Diffusion MRI tractography for improved transcranial MRI-guided focused ultrasound thalamotomy targeting for essential tremor. *Neuroimage Clin*. 2018 May 9;19:572-580. doi: 10.1016/j.nicl.2018.05.010. eCollection 2018. PubMed PMID: 29984165; PubMed Central PMCID: PMC6029558.

18: Sievers P, Stichel D, Schrimpf D, Sahm F, Koelsche C, Reuss DE, Wefers AK, Reinhardt A, Huang K, Ebrahimi A, Hou Y, Pajtler KW, Pfister SM, Hasselblatt M, Stummer W, Schick U, Hartmann C, Hagel C, Staszewski O, Reifenberger G, Beschorner R, Coras R, Keyvani K, Kohlhof P, Diomedi-Camassei F, Herold-Mende C, Giangaspero F, Rushing E, Giannini C, Korshunov A, Jones DTW, von Deimling A. FGFR1:TACC1 fusion is a frequent event in molecularly defined extraventricular neurocytoma. *Acta Neuropathol*. 2018 Aug;136(2):293-302. doi: 10.1007/s00401-018-1882-3. Epub 2018 Jul 5. PubMed PMID: 29978331.

19: Mader MM, Leidorf A, Hecker A, Heimann A, Mayr PSM, Kempfski O, Alessandri B, Wöbker G. Evaluation of a New Multiparameter Brain Probe for Simultaneous Measurement of Brain Tissue Oxygenation, Cerebral Blood Flow, Intracranial Pressure, and Brain Temperature in a Porcine Model. *Neurocrit Care*. 2018 Jun 11. doi: 10.1007/s12028-018-0541-9. [Epub ahead of print] PubMed PMID: 29949006.

20: Sauvigny T, Mohme M, Grensemann J, Dührsen L, Regelsberger J, Kluge S, Schmidt NO, Westphal M, Czorlich P. Rate and risk factors for a hyperactivity delirium in patients with aneurysmal subarachnoid haemorrhage. *Neurosurg Rev*. 2018 Jun 9. doi: 10.1007/s10143-018-0990-9. [Epub ahead of print] PubMed PMID: 29948495.

21: Stiel N, Stuecker R, Kunkel P, Ridderbusch K, Hagemann C, Breyer S, Ebert N, Spiro AS. Treatment of pediatric spinal deformity with use of recombinant human bone morphogenetic protein-2. *J Mater Sci Mater Med*. 2018 Jun 25;29(7):93. doi: 10.1007/s10856-018-6104-y. PubMed PMID: 29938328.

22: Ridderbusch K, Spiro AS, Kunkel P, Grolle B, Stücker R, Rupprecht M. Strategies for Treating Scoliosis in Early Childhood. *Dtsch Arztebl Int*. 2018 Jun 1;115(22):371-376. doi: 10.3238/arztebl.2018.0371. PubMed PMID: 29932047; PubMed Central PMCID: PMC6039715.

23: Brainstorm Consortium, Anttila V, Bulik-Sullivan B, Finucane HK, Walters RK, Bras J, Duncan L, Escott-Price V, Falcone GJ, Gormley P, Malik R, Patsopoulos NA, Ripke S, Wei Z, Yu D, Lee PH, Turley P, Grenier-Boley B, Chouraki V, Kamatani Y, Berr C, Letenneur L, Hannequin D, Amouyel P, Boland A, Deleuze JF, Duron E, Vardarajan BN, Reitz C, Goate AM, Huentelman MJ, Kamboh MI, Larson EB, Rogaeva E, St George-Hyslop P, Hakonarson H, Kukull WA, Farrer LA, Barnes LL, Beach TG, Demirci FY,

Head E, Hulette CM, Jicha GA, Kauwe JSK, Kaye JA, Leverenz JB, Levey AI, Lieberman AP, Pankratz VS, Poon WW, Quinn JF, Saykin AJ, Schneider LS, Smith AG, Sonnen JA, Stern RA, Van Deerlin VM, Van Eldik LJ, Harold D, Russo G, Rubinsztein DC, Bayer A, Tsolaki M, Proitsi P, Fox NC, Hampel H, Owen MJ, Mead S, Passmore P, Morgan K, Nöthen MM, Rossor M, Lupton MK, Hoffmann P, Kornhuber J, Lawlor B, McQuillin A, Al-Chalabi A, Bis JC, Ruiz A, Boada M, Seshadri S, Beiser A, Rice K, van der Lee SJ, De Jager PL, Geschwind DH, Riemenschneider M, Riedel-Heller S, Rotter JI, Ransmayr G, Hyman BT, Cruchaga C, Alegret M, Winsvold B, Palta P, Farh KH, Cuenca-Leon E, Furlotte N, Kurth T, Ligthart L, Terwindt GM, Freilinger T, Ran C, Gordon SD, Borck G, Adams HHH, Lehtimäki T, Wedenoja J, Buring JE, Schürks M, Hrafnisdottir M, Hottenga JJ, Penninx B, Artto V, Kaunisto M, Vepsäläinen S, Martin NG, Montgomery GW, Kurki MI, Hämäläinen E, Huang H, Huang J, Sandor C, Webber C, Muller-Myhsok B, Schreiber S, Salomaa V, Loehrer E, Göbel H, Macaya A, Pozo-Rosich P, Hansen T, Werge T, Kaprio J, Metspalu A, Kubisch C, Ferrari MD, Belin AC, van den Maagdenberg AMJM, Zwart JA, Boomsma D, Eriksson N, Olesen J, Chasman DI, Nyholt DR, Avbersek A, Baum L, Berkovic S, Bradfield J, Buono R, Catarino CB, Cossette P, De Jonghe P, Depondt C, Dlugos D, Ferraro TN, French J, Hjalgrim H, Jamnadas-Khoda J, Kälviäinen R, Kunz WS, Lerche H, Leu C, Lindhout D, Lo W, Lowenstein D, McCormack M, Møller RS, Molloy A, Ng PW, Oliver K, Privitera M, Radtke R, Ruppert AK, Sander T, Schachter S, Schankin C, Scheffer I, Schoch S, Sisodiya SM, Smith P, Sperling M, Striano P, Surges R, Thomas GN, Visscher F, Whelan CD, Zara F, Heinzen EL, Marson A, Becker F, Stroink H, Zimprich F, Gasser T, Gibbs R, Heutink P, Martinez M, Morris HR, Sharma M, Ryten M, Mok KY, Pulit S, Bevan S, Holliday E, Attia J, Battey T, Boncoraglio G, Thijs V, Chen WM, Mitchell B, Rothwell P, Sharma P, Sudlow C, Vicente A, Markus H, Kourkoulis C, Pera J, Raffeld M, Silliman S, Boraska Perica V, Thornton LM, Huckins LM, William Rayner N, Lewis CM, Gratacos M, Rybakowski F, Keski-Rahkonen A, Raevuori A, Hudson JI, Reichborn-Kjennerud T, Monteleone P, Karwautz A, Mannik K, Baker JH, O'Toole JK, Trace SE, Davis OSP, Helder SG, Ehrlich S, Herpertz-Dahlmann B, Danner UN, van Elburg AA, Clementi M, Forzan M, Docampo E, Lissowska J, Hauser J, Tortorella A, Maj M, Gonidakis F, Tziouvas K, Papezova H, Yilmaz Z, Wagner G, Cohen-Woods S, Herms S, Julià A, Rabionet R, Dick DM, Ripatti S, Andreassen OA, Espeseth T, Lundervold AJ, Steen VM, Pinto D, Scherer SW, Aschauer H, Schosser A, Alfredsson L, Padyukov L, Halmi KA, Mitchell J, Strober M, Bergen AW, Kaye W, Szatkiewicz JP, Cormand B, Ramos-Quiroga JA, Sánchez-Mora C, Ribasés M, Casas M, Hervas A, Arranz MJ, Haavik J, Zayats T, Johansson S, Williams N, Dempfle A, Rothenberger A, Kuntsi J, Oades RD, Banaschewski T, Franke B, Buitelaar JK, Arias Vasquez A, Doyle AE, Reif A, Lesch KP, Freitag C, Rivero O, Palmason H, Romanos M, Langley K, Rietschel M, Witt SH, Dalsgaard S, Børglum AD, Waldman I, Wilmot B, Molly N, Bau CHD, Crosbie J, Schachar R, Loo SK, McGough JJ, Grevet EH, Medland SE, Robinson E, Weiss LA, Bacchelli E, Bailey A, Bal V, Battaglia A, Betancur C, Bolton P, Cantor R, Celestino-Soper P, Dawson G, De Rubeis S, Duque F, Green A, Klauck SM, Leboyer M, Levitt P, Maestrini E, Mane S, De-Luca DM, Parr J, Regan R, Reichenberg A, Sandin S, Vorstman J, Wassink T, Wijsman E, Cook E, Santangelo S, Delorme R, Rogé B, Magalhaes T, Arking D, Schulze TG, Thompson RC, Strohmaier J, Matthews K, Melle I, Morris D, Blackwood D, McIntosh A, Bergen SE, Schalling M, Jamain S, Maaser A, Fischer SB, Reinbold CS, Fullerton JM, Guzman-Parra J, Mayoral F, Schofield PR, Cichon S, Mühleisen TW, Degenhardt F, Schumacher J, Bauer M, Mitchell PB, Gershon ES, Rice J, Potash JB, Zandi PP, Craddock N, Ferrier IN, Alda M, Rouleau GA, Turecki G, Ophoff R, Pato C, Anjorin A, Stahl E, Leber M, Czerski PM, Cruceanu C, Jones IR, Posthuma D, Andlauer TFM, Forstner AJ, Streit F, Baune BT, Air T, Sinnamon G, Wray NR, MacIntyre DJ, Porteous D, Homuth G, Rivera M, Grove J, Middeldorp CM, Hickie I, Pergadia M, Mehta D, Smit JH, Jansen R, de Geus E, Dunn E, Li QS, Nauck M, Schoevers RA, Beekman AT, Knowles JA, Viktorin A, Arnold P, Barr CL, Bedoya-Berrio G, Bienvenu OJ, Brentani H, Burton C, Camarena B, Cappi C, Cath D, Cavallini M, Cusi D, Darrow S, Denys D, Derks EM, Dietrich A, Fernandez T, Figee M, Freimer N, Gerber G, Grados M, Greenberg E, Hanna GL, Hartmann A, Hirschtritt ME, Hoekstra PJ, Huang A, Huyser C, Illmann C, Jenike M, Kuperman S, Leventhal B, Lochner C, Lyon GJ, Macciardi F, Madruga-Garrido M, Malaty IA, Maras A, McGrath L, Miguel EC, Mir P, Nestadt G, Nicolini H, Okun MS, Pakstis A,

Paschou P, Piacentini J, Pittenger C, Plessen K, Ramensky V, Ramos EM, Reus V, Richter MA, Riddle MA, Robertson MM, Roessner V, Rosário M, Samuels JF, Sandor P, Stein DJ, Tsetsos F, Van Nieuwerburgh F, Weatherall S, Wendland JR, Wolanczyk T, Worbe Y, Zai G, Goes FS, McLaughlin N, Nestadt PS, Grabe HJ, Depienne C, Konkashbaev A, Lanzagorta N, Valencia-Duarte A, Bramon E, Buccola N, Cahn W, Cairns M, Chong SA, Cohen D, Crespo-Facorro B, Crowley J, Davidson M, DeLisi L, Dinan T, Donohoe G, Drapeau E, Duan J, Haan L, Hougaard D, Karachanak-Yankova S, Khrunin A, Klovins J, Kučinskas V, Lee Chee Keong J, Limborska S, Loughland C, Lönnqvist J, Maher B, Mattheisen M, McDonald C, Murphy KC, Nenadic I, van Os J, Pantelis C, Pato M, Petryshen T, Quested D, Roussos P, Sanders AR, Schall U, Schwab SG, Sim K, So HC, Stögmann E, Subramaniam M, Toncheva D, Waddington J, Walters J, Weiser M, Cheng W, Cloninger R, Curtis D, Gejman PV, Henskens F, Mattingsdal M, Oh SY, Scott R, Webb B, Breen G, Churchhouse C, Bulik CM, Daly M, Dichgans M, Faraone SV, Guerreiro R, Holmans P, Kendler KS, Koeleman B, Mathews CA, Price A, Scharf J, Sklar P, Williams J, Wood NW, Cotsapas C, Palotie A, Smoller JW, Sullivan P, Rosand J, Corvin A, Neale BM, Schott JM, Anney R, Elia J, Grigoriou-Serbanescu M, Edenberg HJ, Murray R. Analysis of shared heritability in common disorders of the brain. *Science*. 2018 Jun 22;360(6395). pii: eaap8757. doi: 10.1126/science.aap8757. PubMed PMID: 29930110; PubMed Central PMCID: PMC6097237.

24: Marx S, Splittstöhser M, Kinnen F, Moritz E, Joseph C, Paul S, Paland H, Seifert C, Marx M, Böhm A, Schwedhelm E, Holzer K, Singer S, Ritter CA, Bien-Möller S, Schroeder HWS, Rauch BH. Platelet activation parameters and platelet-leucocyte-conjugate formation in glioblastoma multiforme patients. *Oncotarget*. 2018 May 25;9(40):25860-25876. doi: 10.18632/oncotarget.25395. eCollection 2018 May 25. PubMed PMID: 29899827; PubMed Central PMCID: PMC5995223.

25: Schneider T, Kemmling A, Schroeder J, Pantel K, Glatzel M, Schoen G, Mohme M, Fiehler J, Gellißen S. Inverse Perfusion Requirements of Supra- and Infratentorial Brain Metastases Formation. *Front Neurol*. 2018 May 30;9:391. doi: 10.3389/fneur.2018.00391. eCollection 2018. PubMed PMID: 29899729; PubMed Central PMCID: PMC5989059.

26: Evers AWM, Colloca L, Blease C, Annoni M, Atlas LY, Benedetti F, Bingel U, Büchel C, Carvalho C, Colagiuri B, Crum AJ, Enck P, Gaab J, Geers AL, Howick J, Jensen KB, Kirsch I, Meissner K, Napadow V, Peerdeman KJ, Raz A, Rief W, Vase L, Wager TD, Wampold BE, Weimer K, Wiech K, Kaptchuk TJ, Klinger R, Kelley JM. Implications of Placebo and Nocebo Effects for Clinical Practice: Expert Consensus. *Psychother Psychosom*. 2018;87(4):204-210. doi: 10.1159/000490354. Epub 2018 Jun 12. PubMed PMID: 29895014.

27: Kunz M, Albert NL, Unterrainer M, la Fougere C, Egensperger R, Schüller U, Lutz J, Kreth S, Tonn JC, Kreth FW, Thon N. Dynamic 18F-FET PET is a powerful imaging biomarker in gadolinium-negative gliomas. *Neuro Oncol*. 2018 Jun 9. doi: 10.1093/neuonc/nyy098. [Epub ahead of print] PubMed PMID: 29893965.

28: Krätzig T, Dreimann M, Mende KC, Königs I, Westphal M, Eicker SO. Extensive Spinal Adhesive Arachnoiditis After Extradural Spinal Infection-Spinal Dura Mater Is No Barrier to Inflammation. *World Neurosurg*. 2018 Aug;116:e1194-e1203. doi: 10.1016/j.wneu.2018.05.219. Epub 2018 Jun 5. PubMed PMID: 29883820.

29: Alizadeh M, Fisher J, Saksena S, Sultan Y, Conklin CJ, Middleton DM, Krisa L, Finsterbusch J, Flanders AE, Faro SH, Mulcahey MJ, Mohamed FB. Age related diffusion and tractography changes in typically developing pediatric cervical and thoracic spinal cord. *Neuroimage Clin*. 2018 Mar 15;18:784-792. doi: 10.1016/j.nicl.2018.03.014. eCollection 2018. PubMed PMID: 29876264; PubMed Central PMCID: PMC5988463.

30: Gröbner SN, Worst BC, Weischenfeldt J, Buchhalter I, Kleinheinz K, Rudneva VA, Johann PD,

Balasubramanian GP, Segura-Wang M, Brabetz S, Bender S, Hutter B, Sturm D, Pfaff E, Hübschmann D, Zipprich G, Heinold M, Eils J, Lawerenz C, Erkek S, Lambo S, Waszak S, Blattmann C, Borkhardt A, Kuhlen M, Eggert A, Fulda S, Gessler M, Wegert J, Kappler R, Baumhoer D, Burdach S, Kirschner-Schwabe R, Kontny U, Kulozik AE, Lohmann D, Hettmer S, Eckert C, Bielack S, Nathrath M, Niemeyer C, Richter GH, Schulte J, Siebert R, Westermann F, Molenaar JJ, Vassal G, Witt H, Burkhardt B, Kratz CP, Witt O, van Tilburg CM, Kramm CM, Fleischhack G, Dirksen U, Rutkowski S, Frühwald M, von Hoff K, Wolf S, Klingebiel T, Koscielniak E, Landgraf P, Koster J, Resnick AC, Zhang J, Liu Y, Zhou X, Waanders AJ, Zwijnenburg DA, Raman P, Brors B, Weber UD, Northcott PA, Pajtler KW, Kool M, Piro RM, Korbel JO, Schlesner M, Eils R, Jones DTW, Lichter P, Chavez L, Zapatka M, Pfister SM; ICGC PedBrain-Seq Project; ICGC MML-Seq Project. Author Correction: The landscape of genomic alterations across childhood cancers. *Nature*. 2018 Jul;559(7714):E10. doi: 10.1038/s41586-018-0167-2. PubMed PMID: 29875405.

31: Dumitru CA, Sandalcioğlu IE, Karsak M. Cannabinoids in Glioblastoma Therapy: New Applications for Old Drugs. *Front Mol Neurosci*. 2018 May 16;11:159. doi: 10.3389/fnmol.2018.00159. eCollection 2018. Review. PubMed PMID: 29867351; PubMed Central PMCID: PMC5964193.

32: Bandte A, Püschel K, Krajewski K. Traumatic brain injury in high versus low falls in young children and adolescents: a retrospective analysis. *J Neurosurg Pediatr*. 2018 Sep;22(3):233-237. doi: 10.3171/2018.2.PEDS17714. Epub 2018 Jun 1. PubMed PMID: 29856297.

33: Colman H, Westphal M, Sampson JH. Introduction. Update on adult neuro-oncology. *Neurosurg Focus*. 2018 Jun;44(6):E1. doi: 10.3171/2018.3.FOCUS18149. PubMed PMID: 29852765.

34: Mohme M, Fritzsche FS, Mende KC, Matschke J, Löbel U, Kammner G, Westphal M, Emami P, Martens T. Tectal gliomas: assessment of malignant progression, clinical management, and quality of life in a supposedly benign neoplasm. *Neurosurg Focus*. 2018 Jun;44(6):E15. doi: 10.3171/2018.3.FOCUS1850. PubMed PMID: 29852760.

35: Krajewski KL, Rotermund R, Flitsch J. pituitary neuroendocrine tumors in children and young adults. *Childs Nerv Syst*. 2018 Sep;34(9):1691-1696. doi: 10.1007/s00381-018-3853-3. Epub 2018 May 30. PubMed PMID: 29850940.

36: Huckhagel T, Nüchtern J, Regelsberger J, Gelderblom M, Lefering R; TraumaRegister DGU®. Nerve trauma of the lower extremity: evaluation of 60,422 leg injured patients from the TraumaRegister DGU® between 2002 and 2015. *Scand J Trauma Resusc Emerg Med*. 2018 May 15;26(1):40. doi: 10.1186/s13049-018-0502-5. PubMed PMID: 29764455; PubMed Central PMCID: PMC5952611.

37: Waszak SM, Northcott PA, Buchhalter I, Robinson GW, Sutter C, Groebner S, Grund KB, Brugières L, Jones DTW, Pajtler KW, Morrissy AS, Kool M, Sturm D, Chavez L, Ernst A, Brabetz S, Hain M, Zichner T, Segura-Wang M, Weischenfeldt J, Rausch T, Mardin BR, Zhou X, Baciuc C, Lawerenz C, Chan JA, Varlet P, Guerrini-Rousseau L, Fuhs DW, Grajkowska W, Hauser P, Jabado N, Ra YS, Zitterbart K, Shringarpure SS, De La Vega FM, Bustamante CD, Ng HK, Perry A, MacDonald TJ, Hernáiz Driever P, Bendel AE, Bowers DC, McCowage G, Chintagumpala MM, Cohn R, Hassall T, Fleischhack G, Eggen T, Wesenberg F, Feychting M, Lannering B, Schüz J, Johansen C, Andersen TV, Rööslä M, Kuehni CE, Grotzer M, Kjaerheim K, Monoranu CM, Archer TC, Duke E, Pomeroy SL, Shelagh R, Frank S, Sumerauer D, Scheurlen W, Ryzhova MV, Milde T, Kratz CP, Samuel D, Zhang J, Solomon DA, Marra M, Eils R, Bartram CR, von Hoff K, Rutkowski S, Ramaswamy V, Gilbertson RJ, Korshunov A, Taylor MD, Lichter P, Malkin D, Gajjar A, Korbel JO, Pfister SM. Spectrum and prevalence of genetic predisposition in medulloblastoma: a retrospective genetic study and prospective validation in a clinical trial cohort.

Lancet Oncol. 2018 Jun;19(6):785-798. doi: 10.1016/S1470-2045(18)30242-0. Epub 2018 May 9. PubMed PMID: 29753700; PubMed Central PMCID: PMC5984248.

38: Capper D, Engel NW, Stichel D, Lechner M, Glöss S, Schmid S, Koelsche C, Schrimpf D, Niesen J, Wefers AK, Jones DTW, Sill M, Weigert O, Ligon KL, Olar A, Koch A, Forster M, Moran S, Tirado OM, Sáinz-Jaspeado M, Mora J, Esteller M, Alonso J, Del Muro XG, Paulus W, Felsberg J, Reifenberger G, Glatzel M, Frank S, Monoranu CM, Lund VJ, von Deimling A, Pfister S, Buslei R, Ribbat-Idel J, Perner S, Gudziol V, Meinhardt M, Schüller U. DNA methylation-based reclassification of olfactory neuroblastoma. *Acta Neuropathol.* 2018 Aug;136(2):255-271. doi: 10.1007/s00401-018-1854-7. Epub 2018 May 5. Erratum in: *Acta Neuropathol.* 2018 Sep;136(3):505. PubMed PMID: 29730775.

39: Thomé C, Klassen PD, Bouma GJ, Kuršumović A, Fandino J, Barth M, Arts M, van den Brink W, Bostelmann R, Hegewald A, Heidecke V, Vajkoczy P, Fröhlich S, Wolfs J, Assaker R, Van de Kelft E, Köhler HP, Jadik S, Eustacchio S, Hes R, Martens F; Annular Closure RCT Study Group. Annular closure in lumbar microdiscectomy for prevention of reherniation: a randomized clinical trial. *Spine J.* 2018 May 3. pii: S1529-9430(18)30202-X. doi: 10.1016/j.spinee.2018.05.003. [Epub ahead of print] PubMed PMID: 29730458.

40: Hendrickx G, Borra VM, Steenackers E, Yorgan TA, Hermans C, Boudin E, Waterval JJ, Jansen IDC, Aydemir TB, Kamerling N, Behets GJ, Plumeyer C, D'Haese PC, Busse B, Everts V, Lammens M, Mortier G, Cousins RJ, Schinke T, Stokroos RJ, Manni JJ, Van Hul W. Conditional mouse models support the role of SLC39A14 (ZIP14) in Hyperostosis Cranialis Interna and in bone homeostasis. *PLoS Genet.* 2018 Apr 5;14(4):e1007321. doi: 10.1371/journal.pgen.1007321. eCollection 2018 Apr. PubMed PMID: 29621230; PubMed Central PMCID: PMC5903675.

41: Ballmann C, Thiel A, Korah HE, Reis AC, Saeger W, Stepanow S, Köhrer K, Reifenberger G, Knobbe-Thomsen CB, Knappe UJ, Scholl UI. USP8 Mutations in Pituitary Cushing Adenomas-Targeted Analysis by Next-Generation Sequencing. *J Endocr Soc.* 2018 Feb 19;2(3):266-278. doi: 10.1210/js.2017-00364. eCollection 2018 Mar 1. PubMed PMID: 29600293; PubMed Central PMCID: PMC5838826.

42: Müller HL, Reichel J, Boekhoff S, Warmuth-Metz M, Eveslage M, Peng J, Flitsch J. Low concordance between surgical and radiological assessment of degree of resection and treatment-related hypothalamic damage: results of KRANIOPHARYNGEOM 2007. *Pituitary.* 2018 Aug;21(4):371-378. doi: 10.1007/s11102-018-0883-5. PubMed PMID: 29589225.

43: Masomi-Bornwassser J, Freguia F, Müller-Werkmeister H, Kempinski O, Giese A, Keric N. Effect of irrigation on fibrinolytic rtPA therapy in a clot model of intracerebral haemorrhage: a systematic in vitro study. *Acta Neurochir (Wien).* 2018 Jun;160(6):1159-1165. doi: 10.1007/s00701-018-3517-9. Epub 2018 Mar 21. PubMed PMID: 29564653.

44: Appel D, Seeberger M, Schwedhelm E, Czorlich P, Goetz AE, Böger RH, Hannemann J. Asymmetric and Symmetric Dimethylarginines are Markers of Delayed Cerebral Ischemia and Neurological Outcome in Patients with Subarachnoid Hemorrhage. *Neurocrit Care.* 2018 Aug;29(1):84-93. doi: 10.1007/s12028-018-0520-1. PubMed PMID: 29560598.

45: Rotermund R, Burkhardt T, Rohani Z, Jung R, Aberle J, Flitsch J. Value of early postoperative random growth hormone levels and nadir growth hormone levels after oral glucose tolerance testing in acromegaly. *Growth Horm IGF Res.* 2018 Aug;41:64-70. doi: 10.1016/j.ghir.2018.03.002. Epub 2018 Mar 8. PubMed PMID: 29555234.

46: Merk DJ, Ohli J, Merk ND, Thatikonda V, Morrissy S, Schoof M, Schmid SN, Harrison L, Filser S, Ahlfeld J, Erkek S, Raithatha K, Andreska T, Weißhaar M, Launspach M, Neumann JE, Shakarami M,

Plenker D, Marra MA, Li Y, Mungall AJ, Moore RA, Ma Y, Jones SJM, Lutz B, Ertl-Wagner B, Rossi A, Wagener R, Siebert R, Jung A, Eberhart CG, Lach B, Sendtner M, Pfister SM, Taylor MD, Chavez L, Kool M, Schüller U. Opposing Effects of CREBBP Mutations Govern the Phenotype of Rubinstein-Taybi Syndrome and Adult SHH Medulloblastoma. *Dev Cell*. 2018 Mar 26;44(6):709-724.e6. doi: 10.1016/j.devcel.2018.02.012. Epub 2018 Mar 15. PubMed PMID: 29551561.

47: Aberle J, Schulze Zur Wiesch C, Flitsch J, Veigel J, Schön G, Jung R, Reining F, Lautenbach A, Rotermund R, Riedel N. Specificity of late-night salivary cortisol measured by automated electrochemiluminescence immunoassay for Cushing's disease in an obese population. *J Endocrinol Invest*. 2018 Mar 17. doi: 10.1007/s40618-018-0870-8. [Epub ahead of print] PubMed PMID: 29550934.

48: Capper D, Jones DTW, Sill M, Hovestadt V, Schrimpf D, Sturm D, Koelsche C, Sahm F, Chavez L, Reuss DE, Kratz A, Wefers AK, Huang K, Pajtler KW, Schweizer L, Stichel D, Olar A, Engel NW, Lindenberg K, Harter PN, Braczynski AK, Plate KH, Dohmen H, Garvalov BK, Coras R, Hölsken A, Hewer E, Bewerunge-Hudler M, Schick M, Fischer R, Beschorner R, Schittenhelm J, Staszewski O, Wani K, Varlet P, Pages M, Temming P, Lohmann D, Selt F, Witt H, Milde T, Witt O, Aronica E, Giangaspero F, Rushing E, Scheurlen W, Geisenberger C, Rodriguez FJ, Becker A, Preusser M, Haberler C, Bjerkvig R, Cryan J, Farrell M, Deckert M, Hench J, Frank S, Serrano J, Kannan K, Tsirogas A, Brück W, Hofer S, Brehmer S, Seiz-Rosenhagen M, Hänggi D, Hans V, Rozsnoki S, Hansford JR, Kohlhof P, Kristensen BW, Lechner M, Lopes B, Mawrin C, Ketter R, Kulozik A, Khatib Z, Heppner F, Koch A, Jouvett A, Keohane C, Mühleisen H, Mueller W, Pohl U, Prinz M, Benner A, Zapatka M, Gottardo NG, Driever PH, Kramm CM, Müller HL, Rutkowski S, von Hoff K, Frühwald MC, Gnekow A, Fleischhack G, Tippelt S, Calaminus G, Monoranu CM, Perry A, Jones C, Jacques TS, Radlwimmer B, Gessi M, Pietsch T, Schramm J, Schackert G, Westphal M, Reifenberger G, Wesseling P, Weller M, Collins VP, Blümcke I, Bendszus M, Debus J, Huang A, Jabado N, Northcott PA, Paulus W, Gajjar A, Robinson GW, Taylor MD, Jaunmuktane Z, Ryzhova M, Platten M, Unterberg A, Wick W, Karajannis MA, Mittelbronn M, Acker T, Hartmann C, Aldape K, Schüller U, Buslei R, Lichter P, Kool M, Herold-Mende C, Ellison DW, Hasselblatt M, Snuderl M, Brandner S, Korshunov A, von Deimling A, Pfister SM. DNA methylation-based classification of central nervous system tumours. *Nature*. 2018 Mar 22;555(7697):469-474. doi: 10.1038/nature26000. Epub 2018 Mar 14. PubMed PMID: 29539639; PubMed Central PMCID: PMC6093218.

49: Andratschke N, Alheid H, Allgäuer M, Becker G, Blanck O, Boda-Heggemann J, Brunner T, Duma M, Gerum S, Guckenberger M, Hildebrandt G, Klement RJ, Lewitzki V, Ostheimer C, Papachristofilou A, Petersen C, Schneider T, Semrau R, Wachter S, Habermehl D. The SBRT database initiative of the German Society for Radiation Oncology (DEGRO): patterns of care and outcome analysis of stereotactic body radiotherapy (SBRT) for liver oligometastases in 474 patients with 623 metastases. *BMC Cancer*. 2018 Mar 13;18(1):283. doi: 10.1186/s12885-018-4191-2. PubMed PMID: 29534687; PubMed Central PMCID: PMC5851117.

50: Ricklefs FL, Alayo Q, Krenzlin H, Mahmoud AB, Speranza MC, Nakashima H, Hayes JL, Lee K, Balaj L, Passaro C, Rooj AK, Krasemann S, Carter BS, Chen CC, Steed T, Treiber J, Rodig S, Yang K, Nakano I, Lee H, Weissleder R, Breakefield XO, Godlewski J, Westphal M, Lamszus K, Freeman GJ, Bronisz A, Lawler SE, Chiocca EA. Immune evasion mediated by PD-L1 on glioblastoma-derived extracellular vesicles. *Sci Adv*. 2018 Mar 7;4(3):eaar2766. doi: 10.1126/sciadv.aar2766. eCollection 2018 Mar. PubMed PMID: 29532035; PubMed Central PMCID: PMC5842038.

51: Kuramatsu JB, Sembill JA, Gerner ST, Sprügel MI, Hagen M, Roeder SS, Endres M, Haeusler KG, Sobesky J, Schurig J, Zweynert S, Bauer M, Vajkoczy P, Ringleb PA, Purrucker J, Rizos T, Volkmann J, Müllges W, Kraft P, Schubert AL, Erbguth F, Nueckel M, Schellinger PD, Glahn J, Knappe UJ, Fink GR,

Dohmen C, Stetefeld H, Fisse AL, Minnerup J, Hagemann G, Rakers F, Reichmann H, Schneider H, Wöpking S, Ludolph AC, Stösser S, Neugebauer H, Röther J, Michels P, Schwarz M, Reimann G, Bätzner H, Schwert H, Claßen J, Michalski D, Grau A, Palm F, Urbanek C, Wöhrle JC, Alshammari F, Horn M, Bahner D, Witte OW, Günther A, Hamann GF, Lücking H, Dörfler A, Achenbach S, Schwab S, Huttner HB. Management of therapeutic anticoagulation in patients with intracerebral haemorrhage and mechanical heart valves. *Eur Heart J*. 2018 May 14;39(19):1709-1723. doi: 10.1093/eurheartj/ehy056. PubMed PMID: 29529259; PubMed Central PMCID: PMC5950928.

52: Wostrack M, Ringel F, Eicker SO, Jägersberg M, Schaller K, Kerschbaumer J, Thomé C, Shiban E, Stoffel M, Friedrich B, Kehl V, Vajkoczy P, Meyer B, Onken J. Spinal ependymoma in adults: a multicenter investigation of surgical outcome and progression-free survival. *J Neurosurg Spine*. 2018 Jun;28(6):654-662. doi: 10.3171/2017.9.SPINE17494. Epub 2018 Mar 9. PubMed PMID: 29521579.

53: Gauthier J, Meijer IA, Lessel D, Mencacci NE, Krainc D, Hempel M, Tsiakas K, Prokisch H, Rossignol E, Helm MH, Rodan LH, Karamchandani J, Carecchio M, Lubbe SJ, Telegrafi A, Henderson LB, Lorenzo K, Wallace SE, Glass IA, Hamdan FF, Michaud JL, Rouleau GA, Campeau PM. Recessive mutations in *>VPS13D* cause childhood onset movement disorders. *Ann Neurol*. 2018 Jun;83(6):1089-1095. doi: 10.1002/ana.25204. Epub 2018 Apr 10. PubMed PMID: 29518281.

54: Gröbner SN, Worst BC, Weischenfeldt J, Buchhalter I, Kleinheinz K, Rudneva VA, Johann PD, Balasubramanian GP, Segura-Wang M, Brabetz S, Bender S, Hutter B, Sturm D, Pfaff E, Hübschmann D, Zipprich G, Heinold M, Eils J, Lawerenz C, Erkek S, Lambo S, Waszak S, Blattmann C, Borkhardt A, Kuhlen M, Eggert A, Fulda S, Gessler M, Wegert J, Kappler R, Baumhoer D, Burdach S, Kirschner-Schwabe R, Kontny U, Kulozik AE, Lohmann D, Hettmer S, Eckert C, Bielack S, Nathrath M, Niemeyer C, Richter GH, Schulte J, Siebert R, Westermann F, Molenaar JJ, Vassal G, Witt H; ICGC PedBrain-Seq Project; ICGC MML-Seq Project, Burkhardt B, Kratz CP, Witt O, van Tilburg CM, Kramm CM, Fleischhack G, Dirksen U, Rutkowski S, Frühwald M, von Hoff K, Wolf S, Klingebiel T, Koscielniak E, Landgraf P, Koster J, Resnick AC, Zhang J, Liu Y, Zhou X, Waanders AJ, Zwijnenburg DA, Raman P, Brors B, Weber UD, Northcott PA, Pajtler KW, Kool M, Piro RM, Korbel JO, Schlesner M, Eils R, Jones DTW, Lichter P, Chavez L, Zapatka M, Pfister SM. The landscape of genomic alterations across childhood cancers. *Nature*. 2018 Mar 15;555(7696):321-327. doi: 10.1038/nature25480. Epub 2018 Feb 28. Erratum in: *Nature*. 2018 Jul;559(7714):E10. PubMed PMID: 29489754.

55: Zittel S, Tadic V, Moll CKE, Bäumer T, Fellbrich A, Gulberti A, Rasche D, Brüggemann N, Tronnier V, Münchau A. Prospective evaluation of Globus pallidus internus deep brain stimulation in Huntington's disease. *Parkinsonism Relat Disord*. 2018 Jun;51:96-100. doi: 10.1016/j.parkreldis.2018.02.030. Epub 2018 Feb 20. PubMed PMID: 29486999.

56: Godel T, Mautner VF, Farschtschi S, Pham M, Schwarz D, Kronlage M, Gugel I, Heiland S, Bendszus M, Bäumer P. Dorsal root ganglia volume differentiates schwannomatosis and neurofibromatosis 2. *Ann Neurol*. 2018 Apr;83(4):854-857. doi: 10.1002/ana.25191. Epub 2018 Mar 25. PubMed PMID: 29469988.

57: Gauer T, Sothmann T, Blanck O, Petersen C, Werner R. Under-reported dosimetry errors due to interplay effects during VMAT dose delivery in extreme hypofractionated stereotactic radiotherapy. *Strahlenther Onkol*. 2018 Jun;194(6):570-579. doi: 10.1007/s00066-018-1264-8. Epub 2018 Feb 15. PubMed PMID: 29450592.

58: Mohme M, Schliffke S, Maire CL, Rüniger A, Glau L, Mende KC, Matschke J, Gehbauer C, Akyüz N, Zapf S, Holz M, Schaper M, Martens T, Schmidt NO, Peine S, Westphal M, Binder M, Tolosa E, Lamszus K. Immunophenotyping of Newly Diagnosed and Recurrent Glioblastoma Defines Distinct Immune Exhaustion Profiles in Peripheral and Tumor-infiltrating Lymphocytes. *Clin Cancer Res*. 2018 Sep

1;24(17):4187-4200. doi: 10.1158/1078-0432.CCR-17-2617. Epub 2018 Feb 14. PubMed PMID: 29444930.

59: Johann PD, Bens S, Oyen F, Wagener R, Giannini C, Perry A, Raisanen JM, Reis GF, Nobusawa S, Arita K, Felsberg J, Reifemberger G, Agaimy A, Buslei R, Capper D, Pfister SM, Schneppenheim R, Siebert R, Frühwald MC, Paulus W, Kool M, Hasselblatt M. Sellar Region Atypical Teratoid/Rhabdoid Tumors (ATRT) in Adults Display DNA Methylation Profiles of the ATRT-MYC Subgroup. *Am J Surg Pathol*. 2018 Apr;42(4):506-511. doi: 10.1097/PAS.0000000000001023. PubMed PMID: 29324471.

60: Gerner ST, Kuramatsu JB, Sembill JA, Sprügel MI, Endres M, Haeusler KG, Vajkoczy P, Ringleb PA, Purucker J, Rizos T, Erbguth F, Schellinger PD, Fink GR, Stetefeld H, Schneider H, Neugebauer H, Röther J, Claßen J, Michalski D, Dörfler A, Schwab S, Huttner HB; RETRACE II (German-Wide Multicenter Analysis of Oral Anticoagulation-Associated Intracerebral Hemorrhage II) Investigators. Association of prothrombin complex concentrate administration and hematoma enlargement in non-vitamin K antagonist oral anticoagulant-related intracerebral hemorrhage. *Ann Neurol*. 2018 Jan;83(1):186-196. doi: 10.1002/ana.25134. PubMed PMID: 29314216.

61: Sharott A, Gulberti A, Hamel W, Köppen JA, Münchau A, Buhmann C, Pötter-Nerger M, Westphal M, Gerloff C, Moll CKE, Engel AK. Spatio-temporal dynamics of cortical drive to human subthalamic nucleus neurons in Parkinson's disease. *Neurobiol Dis*. 2018 Apr;112:49-62. doi: 10.1016/j.nbd.2018.01.001. Epub 2018 Jan 4. PubMed PMID: 29307661; PubMed Central PMCID: PMC5821899.

62: Kotecha D, Breithardt G, Camm AJ, Lip GYH, Schotten U, Ahlsson A, Arnar D, Atar D, Auricchio A, Bax J, Benussi S, Blomstrom-Lundqvist C, Borggrefe M, Boriani G, Brandes A, Calkins H, Casadei B, Castellá M, Chua W, Crijns H, Dobrev D, Fabritz L, Feuring M, Freedman B, Gerth A, Goette A, Guasch E, Haase D, Hatem S, Haeusler KG, Heidbuchel H, Hendriks J, Hunter C, Käb S, Kespohl S, Landmesser U, Lane DA, Lewalter T, Mont L, Nabauer M, Nielsen JC, Oeff M, Oldgren J, Oto A, Pison L, Potpara T, Ravens U, Richard-Lordereau I, Rienstra M, Savelieva I, Schnabel R, Sinner MF, Sommer P, Themistoclakis S, Van Gelder IC, Vardas PE, Verma A, Wakili R, Weber E, Werring D, Willems S, Ziegler A, Hindricks G, Kirchhof P. Integrating new approaches to atrial fibrillation management: the 6th AFNET/EHRA Consensus Conference. *Europace*. 2018 Mar 1;20(3):395-407. doi: 10.1093/europace/eux318. PubMed PMID: 29300976.

63: Plenker D, Bertrand M, de Langen AJ, Riedel R, Lorenz C, Scheel AH, Müller J, Brägelmann J, Daßler-Plenker J, Kobe C, Persigehl T, Kluge A, Wurdinger T, Schellen P, Hartmann G, Zacherle T, Menon R, Thunnissen E, Büttner R, Griesinger F, Wolf J, Heukamp L, Sos ML, Heuckmann JM. Structural Alterations of MET Trigger Response to MET Kinase Inhibition in Lung Adenocarcinoma Patients. *Clin Cancer Res*. 2018 Mar 15;24(6):1337-1343. doi: 10.1158/1078-0432.CCR-17-3001. Epub 2017 Dec 28. PubMed PMID: 29284707.

64: Dziggel L, Bajrovic A, Schild SE, Rades D. Stereotactic Radiosurgery Alone for One to Two Brain Metastases from Cancer of Unknown Primary. *Anticancer Res*. 2018 Jan;38(1):565-567. PubMed PMID: 29277825.

65: Bandte A, Fritzsche FS, Emami P, Kammler G, Püschel K, Krajewski K. Sport-Related Traumatic Brain Injury with and without Helmets in Children. *World Neurosurg*. 2018 Mar;111:e434-e439. doi: 10.1016/j.wneu.2017.12.094. Epub 2017 Dec 23. PubMed PMID: 29277588.

66: Lefering R, Czorlich P. In Reply to the Letter to the Editor "Body Mass Index

35 as Independent Predictor of Mortality in Severe Traumatic Brain Injury:

Statistical and Methodologic Issues". *World Neurosurg.* 2018 Jan;109:509. doi: 10.1016/j.wneu.2017.10.035. PubMed PMID: 29232816.

67: Kraetzig T, McLaughlin L, Bilsky MH, Laufer I. Metastases of spinal myxopapillary ependymoma: unique characteristics and clinical management. *J Neurosurg Spine.* 2018 Feb;28(2):201-208. doi: 10.3171/2017.5.SPINE161164. Epub 2017 Dec 8. PubMed PMID: 29219779.

68: Reitz M, Mende KC, Cramer C, Krätzig T, Nagy Z, Vettorazzi E, Eicker SO, Dreimann M. Surgical treatment of spinal metastases from renal cell carcinoma-effects of preoperative embolization on intraoperative blood loss. *Neurosurg Rev.* 2018 Jul;41(3):861-867. doi: 10.1007/s10143-017-0935-8. Epub 2017 Nov 30. PubMed PMID: 29189958.

69: Roser P, Wehrhahn T, Krogmann H, Riedel N, Marshall RP, Gille J, Flitsch J, Aberle J. Somatotrope Pituitary Function in Professional Soccer Players. *Exp Clin Endocrinol Diabetes.* 2018 May;126(5):306-308. doi: 10.1055/s-0043-119876. Epub 2017 Nov 17. PubMed PMID: 29165725.

70: Alizadeh M, Conklin CJ, Middleton DM, Shah P, Saksena S, Krisa L, Finsterbusch J, Faro SH, Mulcahey MJ, Mohamed FB. Identification of ghost artifact using texture analysis in pediatric spinal cord diffusion tensor images. *Magn Reson Imaging.* 2018 Apr;47:7-15. doi: 10.1016/j.mri.2017.11.006. Epub 2017 Nov 15. PubMed PMID: 29154897; PubMed Central PMCID: PMC5905435.

71: Hadi I, Roengvoraphoj O, Niyazi M, Roeder F, Schüller U, Belka C, Nachbichler SB. Medulloblastoma in adults : A retrospective single institution analysis. *Strahlenther Onkol.* 2018 Mar;194(3):225-234. doi: 10.1007/s00066-017-1235-5. Epub 2017 Nov 16. PubMed PMID: 29147840.

72: Scholz T, Geiger MF, Mainz V, Blume C, Albanna W, Clusmann H, Müller A. Anterior Cervical Decompression and Fusion or Posterior Foraminotomy for Cervical Radiculopathy: Results of a Single-Center Series. *J Neurol Surg A Cent Eur Neurosurg.* 2018 May;79(3):211-217. doi: 10.1055/s-0037-1607225. Epub 2017 Nov 13. PubMed PMID: 29132169.

73: Abboud T, Dührsen L, Gibbert C, Westphal M, Martens T. Influence of antithrombotic agents on recurrence rate and clinical outcome in patients operated for chronic subdural hematoma. *Neurocirugia (Astur).* 2018 Mar - Apr;29(2):86-92. doi: 10.1016/j.neucir.2017.09.006. Epub 2017 Nov 6. PubMed PMID: 29122534.

74: Osterhage K, Czorlich P, Burkhardt TR, Rotermund R, Grzyska U, Flitsch J. Symptomatic Vasospasms as a Life-Threatening Complication After Transsphenoidal Surgery. *World Neurosurg.* 2018 Feb;110:180-188. doi: 10.1016/j.wneu.2017.10.027. Epub 2017 Oct 16. PubMed PMID: 29045853.

75: Speranza MC, Passaro C, Ricklefs F, Kasai K, Klein SR, Nakashima H, Kaufmann JK, Ahmed AK, Nowicki MO, Obi P, Bronisz A, Aguilar-Cordova E, Aguilar LK, Guzik BW, Breakefield X, Weissleder R, Freeman GJ, Reardon DA, Wen PY, Chiocca EA, Lawler SE. Preclinical investigation of combined gene-mediated cytotoxic immunotherapy and immune checkpoint blockade in glioblastoma. *Neuro Oncol.* 2018 Jan 22;20(2):225-235. doi: 10.1093/neuonc/nox139. PubMed PMID: 29016938; PubMed Central PMCID: PMC5777502.

76: Beier D, Proescholdt M, Reinert C, Pietsch T, Jones DTW, Pfister SM, Hattingen E, Seidel C, Dirven L, Luerding R, Reijneveld J, Warmuth-Metz M, Bonsanto M, Bremer M, Combs SE, Rieken S, Herrlinger U, Kuntze H, Mayer-Steinacker R, Moskopp D, Schneider T, Beringer A, Schlegel U, Stummer W,

Welker H, Weyerbrock A, Paulsen F, Rutkowski S, Weller M, Wick W, Kortmann RD, Bogdahn U, Hau P. Multicenter pilot study of radiochemotherapy as first-line treatment for adults with medulloblastoma (NOA-07). *Neuro Oncol.* 2018 Feb 19;20(3):400-410. doi: 10.1093/neuonc/nox155. PubMed PMID: 29016837; PubMed Central PMCID: PMC5817955.

77: Ahmadi SA, Burkert IP, Steiger HJ, Eicker SO. Multidimensional long-term outcome analysis after single-level lumbar microdiscectomy: a retrospective single-centre study. *Eur J Orthop Surg Traumatol.* 2018 Feb;28(2):189-196. doi: 10.1007/s00590-017-2043-4. Epub 2017 Oct 3. PubMed PMID: 28975418.

78: Schreglmann SR, Riederer F, Galovic M, Ganos C, Kägi G, Waldvogel D, Jaunmuktane Z, Schaller A, Hidding U, Krasemann E, Michels L, Baumann CR, Bhatia K, Jung HH. Movement disorders in genetically confirmed mitochondrial disease and the putative role of the cerebellum. *Mov Disord.* 2018 Jan;33(1):146-155. doi: 10.1002/mds.27174. Epub 2017 Sep 13. PubMed PMID: 28901595.

79: Dührsen L, Sauvigny T, House PM, Stodieck S, Holst B, Matschke J, Schön G, Westphal M, Martens T. Impact of focal cortical dysplasia Type IIIa on seizure outcome following anterior mesial temporal lobe resection for the treatment of epilepsy. *J Neurosurg.* 2018 Jun;128(6):1668-1673. doi: 10.3171/2017.2.JNS161295. Epub 2017 Jul 28. PubMed PMID: 28753112.

80: Leavitt ML, Pieper F, Sachs AJ, Martinez-Trujillo JC. A Quadrantic Bias in Prefrontal Representation of Visual-Mnemonic Space. *Cereb Cortex.* 2018 Jul 1;28(7):2405-2421. doi: 10.1093/cercor/bhx142. PubMed PMID: 28605513.

81: Schulz A, Grafe P, Hagel C, Bäumer P, Morrison H, Mautner VF, Farschtschi S. Neuropathies in the setting of Neurofibromatosis tumor syndromes: Complexities and opportunities. *Exp Neurol.* 2018 Jan;299(Pt B):334-344. doi: 10.1016/j.expneurol.2017.06.006. Epub 2017 Jun 3. Review. PubMed PMID: 28587874.

82: Sauvigny T, Götsche J, Czorlich P, Vettorazzi E, Westphal M, Regelsberger J. Intracranial pressure in patients undergoing decompressive craniectomy: new perspective on thresholds. *J Neurosurg.* 2018 Mar;128(3):819-827. doi: 10.3171/2016.11.JNS162263. Epub 2017 Apr 14. PubMed PMID: 28409728.

83: Mende KC, Eicker SO, Weber F. Cage deviation in the subaxial cervical spine in relation to implant position in the sagittal plane. *Neurosurg Rev.* 2018 Jan;41(1):267-274. doi: 10.1007/s10143-017-0850-z. Epub 2017 Apr 4. PubMed PMID: 28374128.

84: Hasselblatt M, Kurniawan AD, Rozsnoki S, Johann PD, Bens S, Oyen F, Schneppenheim R, Siebert R, Capper D, Kool M, Schul C, Paulus W. Glial papillary tumour of the spinal cord with SMARCB1/INI1-loss and favourable long-term outcome. *Neuropathol Appl Neurobiol.* 2018 Feb;44(2):229-232. doi: 10.1111/nan.12395. PubMed PMID: 28218953.

85: Barrantes-Freer A, Engel AS, Rodríguez-Villagra OA, Winkler A, Bergmann M, Mawrin C, Kuempfel T, Pellkofer H, Metz I, Bleckmann A, Hernández-Durán S, Schippling S, Rushing EJ, Frank S, Glatzel M, Matschke J, Hartmann C, Reifenberger G, Müller W, Schildhaus HU, Brück W, Stadelmann C. Diagnostic red flags: steroid-treated malignant CNS lymphoma mimicking autoimmune inflammatory demyelination. *Brain Pathol.* 2018 Mar;28(2):225-233. doi: 10.1111/bpa.12496. Epub 2017 Apr 6. PubMed PMID: 28213912.

86: Lansky AJ, Messé SR, Brickman AM, Dwyer M, Bart van der Worp H, Lazar RM, Pietras CG, Abrams KJ, McFadden E, Petersen NH, Browndyke J, Prendergast B, Ng VG, Cutlip DE, Kapadia S, Krucoff MW,

Linke A, Scala Moy C, Schofer J, van Es GA, Virmani R, Popma J, Parides MK, Kodali S, Bilello M, Zivadinov R, Akar J, Furie KL, Gress D, Voros S, Moses J, Greer D, Forrest JK, Holmes D, Kappetein AP, Mack M, Baumbach A. Proposed Standardized Neurological Endpoints for Cardiovascular Clinical Trials: An Academic Research Consortium Initiative. Eur Heart J. 2018 May 14;39(19):1687-1697. doi: 10.1093/eurheartj/ehx037. PubMed PMID: 28171522.

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