

Kiel

Department of Neurosurgery, Universitätsklinikum Schleswig-Holstein, Campus Kiel, Germany.

Arnold-Heller-Straße 3

24105 Kiel

www.neurochirurgie-kiel.uk-sh.de

Prof. Dr. med. H. Maximilian MEHDORN

Direktor

Tel.: 0431/597-4801

Fax: 0431/597-4918

mehdorn@nch.uni-kiel.de

Publications

Fricke T, Schmitt AD, Jansen O. [Intraneural ganglion cysts of the lower limb](#). *Rofo*. 2018 Nov 19. doi: 10.1055/a-0777-2525. [Epub ahead of print] English, German. PubMed PMID: 30453381.

2: Campbell BCV, Majoie CBLM, Albers GW, Menon BK, Yassi N, Sharma G, van Zwam WH, van Oostenbrugge RJ, Demchuk AM, Guillemin F, White P, Dávalos A, van der Lugt A, Butcher KS, Cherifi A, Marquering HA, Cloud G, Macho Fernández JM, Madigan J, Oppenheim C, Donnan GA, Roos YBWEM, Shankar J, Lingsma H, Bonafé A, Raoult H, Hernández-Pérez M, Bharatha A, Jahan R, Jansen O, Richard S, Levy EI, Berkhemer OA, Soudant M, Aja L, Davis SM, Krings T, Tisserand M, San Román L, Tomasello A, Beumer D, Brown S, Liebeskind DS, Bracard S, Muir KW, Dippel DWJ, Goyal M, Saver JL, Jovin TG, Hill MD, Mitchell PJ; HERMES collaborators. Penumbra imaging and functional outcome in patients with anterior circulation ischaemic stroke treated with endovascular thrombectomy versus medical therapy: a meta-analysis of individual patient-level data. *Lancet Neurol*. 2018 Nov 6. pii: S1474-4422(18)30314-4. doi: 10.1016/S1474-4422(18)30314-4. [Epub ahead of print] PubMed PMID: 30413385.

3: Müller MD, von Felten S, Algra A, Becquemin JP, Brown M, Bulbulia R, Calvet D, Eckstein HH, Fraedrich G, Halliday A, Hendrikse J, Gregson J, Howard G, Jansen O, Mas JL, Brott TG, Ringleb PA, Bonati LH; Carotid Stenosis Trialists' Collaboration. Immediate and Delayed Procedural Stroke or Death in Stenting Versus Endarterectomy for Symptomatic Carotid Stenosis. *Stroke*. 2018 Nov;49(11):2715-2722. doi: 10.1161/STROKEAHA.118.020684. PubMed PMID: 30355202; PubMed Central PMCID: PMC6209445.

4: Wojtala J, Heber IA, Neuser P, Heller J, Kalbe E, Rehberg SP, Storch A, Linse K, Schneider C, Gräber S, Berg D, Dams J, Balzer-Geldsetzer M, Hilker-Roggendorf R, Oberschmidt C, Baudrexel S, Witt K, Schmidt N, Deuschl G, Mollenhauer B, Trenkwalder C, Liepelt-Scarfone I, Spottke A, Roeske S, Wüllner

U, Wittchen HU, Riedel O, Dodel R, Schulz JB, Reetz K. Cognitive decline in Parkinson's disease: the impact of the motor phenotype on cognition. *J Neurol Neurosurg Psychiatry*. 2018 Oct 8. pii: jnnp-2018-319008. doi: 10.1136/jnnp-2018-319008. [Epub ahead of print] PubMed PMID: 30297519.

5: Martinez-Lizana E, Fauser S, Brandt A, Schuler E, Wiegand G, Doostkam S, San Antonio-Arce V, Jacobs J, Bast T, Shah M, Zentner J, Schulze-Bonhage A. Long-term seizure outcome in pediatric patients with focal cortical dysplasia undergoing tailored and standard surgical resections. *Seizure*. 2018 Nov;62:66-73. doi: 10.1016/j.seizure.2018.09.021. Epub 2018 Sep 26. PubMed PMID: 30296740.

6: Larsen N, Jansen O, Riedel CH, von der Brelie C, Flüh C. Reply. *AJNR Am J Neuroradiol*. 2018 Oct 4. doi: 10.3174/ajnr.A5860. [Epub ahead of print] PubMed PMID: 30287454.

7: Cohrs G, Drucks B, Sürle JP, Vokuhl C, Synowitz M, Held-Feindt J, Knerlich-Lukoschus F. Expression profiles of pro-inflammatory and pro-apoptotic mediators in secondary tethered cord syndrome after myelomeningocele repair surgery. *Childs Nerv Syst*. 2018 Oct 3. doi: 10.1007/s00381-018-3984-6. [Epub ahead of print] PubMed PMID: 30280214.

8: Martens F, Vajkoczy P, Jadik S, Hegewald A, Stieber J, Hes R. Patients at the Highest Risk for Reherniation Following Lumbar Discectomy in a Multicenter Randomized Controlled Trial. *JB JS Open Access*. 2018 Apr 16;3(2):e0037. doi: 10.2106/JBJS.OA.17.00037. eCollection 2018 Jun 28. PubMed PMID: 30280130; PubMed Central PMCID: PMC6145569.

9: Gruber D, Südmeyer M, Deuschl G, Falk D, Krauss JK, Mueller J, Müller JU, Poewe W, Schneider GH, Schrader C, Vesper J, Volkmann J, Winter C, Kupsch A, Schnitzler A; DBS study group for dystonia. Neurostimulation in tardive dystonia/dyskinesia: A delayed start, sham stimulation-controlled randomized trial. *Brain Stimul*. 2018 Nov - Dec;11(6):1368-1377. doi: 10.1016/j.brs.2018.08.006. Epub 2018 Sep 11. PubMed PMID: 30249417.

10: Schmitt C, Lucius R, Synowitz M, Held-Feindt J, Hattermann K. APOBEC3B is expressed in human glioma, and influences cell proliferation and temozolomide resistance. *Oncol Rep*. 2018 Nov;40(5):2742-2749. doi: 10.3892/or.2018.6698. Epub 2018 Sep 10. PubMed PMID: 30226610.

Azmitia L, Capetian P. Single-Step [Plasmid](#) Based Reprogramming of Human [Dermal Fibroblasts](#) to Induced Neural Stem Cells. *Methods Mol Biol*. 2018;1842:31-41. doi: 10.1007/978-1-4939-8697-2_2. PubMed PMID: 30196399.

Goebel S, Mehdorn HM. Assessment of preoperative anxiety in neurosurgical patients: Comparison of widely used measures and recommendations for clinic and research. *Clin Neurol Neurosurg*. 2018 Jul 2;172:62-68. doi: 10.1016/j.clineuro.2018.06.036. [Epub ahead of print] PubMed PMID: 29986197.

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, Figuee M, Freimer N, Gerber G, Grados M, Greenberg E, Hanna GL, Hartmann A, Hirschtritt ME, Hoekstra PJ, Huang A, Huysen 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, Kučinskis V, Lee Chee Keong J, Limborska S, Loughland C, Lönngqvist J, Maher B, Mattheisen M, McDonald C, Murphy KC, Nenadic I, van Os J, Pantelis C, Pato M, Petryshen T, Quedsted 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. 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.

3: Markman JD, Baron R, Gewandter JS. Why are there no drugs indicated for sciatica, the most common chronic neuropathic syndrome of all? *Drug Discov Today*. 2018 Jun 9. pii: S1359-6446(18)30074-6. doi: 10.1016/j.drudis.2018.06.004. [Epub ahead of print] Review. PubMed PMID: 29894812.

4: Balermipas P, Stera S, Müller von der Grün J, Loutfi-Krauss B, Forster MT, Wagner M, Keller C, Rödel C, Seifert V, Blanck O, Wolff R. Repeated in-field radiosurgery for locally recurrent brain metastases: Feasibility, results and survival in a heavily treated patient cohort. *PLoS One*. 2018 Jun 6;13(6):e0198692. doi: 10.1371/journal.pone.0198692. eCollection 2018. PubMed PMID: 29874299; PubMed Central PMCID: PMC5991396.

5: Adamski V, Schmitt C, Ceynowa F, Adelung R, Lucius R, Synowitz M, Hattermann K, Held-Feindt J. Effects of sequentially applied single and combined temozolomide, hydroxychloroquine and AT101 treatment in a long-term stimulation glioblastoma in vitro model. *J Cancer Res Clin Oncol*. 2018 Jun 1. doi: 10.1007/s00432-018-2680-y. [Epub ahead of print] PubMed PMID: 29858681.

6: Goebel S, Mederer D, Mehdorn HM. Surgery-Related Coping in Surgery Patients with Intracranial Tumors. *World Neurosurg*. 2018 May 23. pii: S1878-8750(18)31044-1. doi: 10.1016/j.wneu.2018.05.091. [Epub ahead of print] PubMed PMID: 29803059.

7: From the American Association of Neurological Surgeons (AANS), American Society of Neuroradiology (ASNR), Cardiovascular and Interventional Radiology Society of Europe (CIRSE), Canadian Interventional Radiology Association (CIRA), Congress of Neurological Surgeons (CNS), European Society of Minimally Invasive Neurological Therapy (ESMINT), European Society of Neuroradiology (ESNR), European Stroke Organization (ESO), Society for Cardiovascular Angiography and Interventions (SCAI), Society of Interventional Radiology (SIR), Society of NeuroInterventional Surgery (SNIS), and World Stroke Organization (WSO), Sacks D, Baxter B, Campbell BCV, Carpenter JS, Cognard C, Dippel D, Eesa M, Fischer U, Hausegger K, Hirsch JA, Shazam Hussain M, Jansen O, Jayaraman MV, Khalessi AA, Kluck BW, Lavine S, Meyers PM, Ramee S, Rufenacht DA, Schirmer CM, Vorwerk D. Multisociety Consensus Quality Improvement Revised Consensus Statement for Endovascular Therapy of Acute Ischemic Stroke. *Int J Stroke*. 2018 Jan 1:1747493018778713. doi: 10.1177/1747493018778713. [Epub ahead of print] PubMed PMID: 29786478.

8: From the American Association of Neurological Surgeons (AANS), American Society of Neuroradiology (ASNR), Cardiovascular and Interventional Radiology Society of Europe (CIRSE), Canadian Interventional Radiology Association (CIRA), Congress of Neurological Surgeons (CNS), European Society of Minimally Invasive Neurological Therapy (ESMINT), European Society of Neuroradiology (ESNR), European Stroke Organization (ESO), Society for Cardiovascular Angiography and Interventions (SCAI), Society of Interventional Radiology (SIR), Society of NeuroInterventional Surgery (SNIS), and World Stroke Organization (WSO), Sacks D, Baxter B, Campbell BCV, Carpenter JS, Cognard C, Dippel D, Eesa M, Fischer U, Hausegger K, Hirsch JA, Hussain MS, Jansen O, Jayaraman MV, Khalessi AA, Kluck BW, Lavine S, Meyers PM, Ramee S, Rufenacht DA, Schirmer CM, Vorwerk D. Multisociety Consensus Quality Improvement Revised Consensus Statement for Endovascular Therapy of Acute Ischemic Stroke. *AJNR Am J Neuroradiol*. 2018 Jun;39(6):E61-E76. doi: 10.3174/ajnr.A5638. Epub 2018 May 17. PubMed PMID: 29773566.

- 9: 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.
- 10: Lindner T, Ahmeti H, Juhasz J, Helle M, Jansen O, Synowitz M, Ulmer S. A comparison of arterial spin labeling and dynamic susceptibility perfusion imaging for resection control in glioblastoma surgery. *Oncotarget*. 2018 Apr 6;9(26):18570-18577. doi: 10.18632/oncotarget.24970. eCollection 2018 Apr 6. PubMed PMID: 29719627; PubMed Central PMCID: PMC5915094.
- 11: Wodarg F, Turner EL, Dobson J, Ringleb PA, Mali WP, Fraedrich G, Chatellier G, Bequemin JP, Brown MM, Algra A, Mas JL, Jansen O, Bonati LH; Carotid Stenosis Trialists' Collaboration. Influence of stent design and use of protection devices on outcome of carotid artery stenting: a pooled analysis of individual patient data. *J Neurointerv Surg*. 2018 Apr 19. pii: neurintsurg-2017-013622. doi: 10.1136/neurintsurg-2017-013622. [Epub ahead of print] PubMed PMID: 29674483.
- 12: Goebel S, Steinmann E, Leplow B, Mehdorn HM. Cross-cultural adaptation and psychometric properties of the SCOPA-Sleep-German version. *Neurol Sci*. 2018 Jul;39(7):1225-1230. doi: 10.1007/s10072-018-3397-z. Epub 2018 Apr 14. PubMed PMID: 29656379.
- 13: Zaidat OO, Bozorgchami H, Ribó M, Saver JL, Mattle HP, Chapot R, Narata AP, Francois O, Jadhav AP, Grossberg JA, Riedel CH, Tomasello A, Clark WM, Nordmeyer H, Lin E, Nogueira RG, Yoo AJ, Jovin TG, Siddiqui AH, Bernard T, Claffey M, Andersson T. Primary Results of the Multicenter ARISE II Study (Analysis of Revascularization in Ischemic Stroke With [EmboTrap](#)). *Stroke*. 2018 May;49(5):1107-1115. doi: 10.1161/STROKEAHA.117.020125. Epub 2018 Apr 11. PubMed PMID: 29643261.
- 14: Böttcher MA, Held-Feindt J, Synowitz M, Lucius R, Traulsen A, Hattermann K. Modeling treatment-dependent glioma growth including a dormant tumor cell subpopulation. *BMC Cancer*. 2018 Apr 3;18(1):376. doi: 10.1186/s12885-018-4281-1. PubMed PMID: 29614985; PubMed Central PMCID: PMC5883287.
- 15: 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 Mar 20. doi: 10.1007/s12028-018-0520-1. [Epub ahead of print] PubMed PMID: 29560598.
- 16: Cohrs G, Huhndorf M, Niemczyk N, Volz LJ, Bernsmeier A, Singhal A, Larsen N, Synowitz M, Knerlich-Lukoschus F. MRI in mild pediatric traumatic brain injury: diagnostic overkill or useful tool? *Childs Nerv Syst*. 2018 Jul;34(7):1345-1352. doi: 10.1007/s00381-018-3771-4. Epub 2018 Mar 19. PubMed PMID: 29556697.
- 17: 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.
- 18: Sacks D, Baxter B, Campbell BCV, Carpenter JS, Cognard C, Dippel D, Eesa M, Fischer U,

Hausegger K, Hirsch JA, Hussain MS, Jansen O, Jayaraman MV, Khalessi AA, Kluck BW, Lavine S, Meyers PM, Ramee S, Rüfenacht DA, Schirmer CM, Vorwerk D. Multisociety Consensus Quality Improvement Revised Consensus Statement for Endovascular Therapy of Acute Ischemic Stroke: From the American Association of Neurological Surgeons (AANS), American Society of Neuroradiology (ASNR), Cardiovascular and Interventional Radiology Society of Europe (CIRSE), Canadian Interventional Radiology Association (CIRA), Congress of Neurological Surgeons (CNS), European Society of Minimally Invasive Neurological Therapy (ESMINT), European Society of Neuroradiology (ESNR), European Stroke Organization (ESO), Society for Cardiovascular Angiography and Interventions (SCAI), Society of Interventional Radiology (SIR), Society of NeuroInterventional Surgery (SNIS), and World Stroke Organization (WSO). *J Vasc Interv Radiol*. 2018 Apr;29(4):441-453. doi: 10.1016/j.jvir.2017.11.026. Epub 2018 Mar 1. PubMed PMID: 29478797.

19: Helmers AK, Lübbling I, Birkenfeld F, Witt K, Synowitz M, Mehdorn HM, Falk D. Complications of Impulse Generator Exchange Surgery for Deep Brain Stimulation: A Single-Center, Retrospective Study. *World Neurosurg*. 2018 May;113:e108-e112. doi: 10.1016/j.wneu.2018.01.183. Epub 2018 Feb 14. PubMed PMID: 29454121.

20: Lhommée E, Wojtecki L, Czernecki V, Witt K, Maier F, Tonder L, Timmermann L, Hälbig TD, Pineau F, Durif F, Witjas T, Pinsker M, Mehdorn M, Sixel-Döring F, Kupsch A, Krüger R, Elben S, Chabardès S, Thobois S, Brefel-Courbon C, Ory-Magne F, Regis JM, Maltête D, Sauvaget A, Rau J, Schnitzler A, Schüpbach M, Schade-Brittinger C, Deuschl G, Houeto JL, Krack P; EARLYSTIM study group. Behavioural outcomes of subthalamic stimulation and medical therapy versus medical therapy alone for Parkinson's disease with early motor complications (EARLYSTIM trial): secondary analysis of an open-label randomised trial. *Lancet Neurol*. 2018 Mar;17(3):223-231. doi: 10.1016/S1474-4422(18)30035-8. PubMed PMID: 29452685.

21: Allert N, Cheeran B, Deuschl G, Barbe MT, Csoti I, Ebke M, Glaser M, Kang JS, Kelm S, Krack P, Kroth J, Jobst U, Leisse M, Oliviero A, Nolte PN, Quick-Weller J, Strothjohann M, Tamás G, Werner M, Muthuraman M, Volkmann J, Fasano A, Groppa S. Postoperative rehabilitation after deep brain stimulation surgery for movement disorders. *Clin Neurophysiol*. 2018 Mar;129(3):592-601. doi: 10.1016/j.clinph.2017.12.035. Epub 2018 Jan 10. Review. PubMed PMID: 29414403.

22: Vogelbacher C, Möbius TWD, Sommer J, Schuster V, Dannlowski U, Kircher T, Dempfle A, Jansen A, Bopp MHA. The Marburg-Münster Affective Disorders Cohort Study (MACS): A quality assurance protocol for MR neuroimaging data. *Neuroimage*. 2018 May 15;172:450-460. doi: 10.1016/j.neuroimage.2018.01.079. Epub 2018 Feb 1. PubMed PMID: 29410079.

23: Hirsch LJ, Gaspard N, van Baalen A, Nabbout R, Demeret S, Loddenkemper T, Navarro V, Specchio N, Lagae L, Rossetti AO, Hocker S, Gofton TE, Abend NS, Gilmore EJ, Hahn C, Khosravani H, Rosenow F, Trinka E. Proposed consensus definitions for new-onset refractory status epilepticus (NORSE), febrile infection-related epilepsy syndrome (FIRES), and related conditions. *Epilepsia*. 2018 Apr;59(4):739-744. doi: 10.1111/epi.14016. Epub 2018 Feb 5. Review. PubMed PMID: 29399791.

24: Flüh C, Chitadze G, Adamski V, Hattermann K, Synowitz M, Kabelitz D, Held-Feindt J. NKG2D ligands in glioma stem-like cells: expression in situ and in vitro. *Histochem Cell Biol*. 2018 Mar;149(3):219-233. doi: 10.1007/s00418-018-1633-5. Epub 2018 Jan 22. PubMed PMID: 29356965.

25: Adamski V, Hempelmann A, Flüh C, Lucius R, Synowitz M, Hattermann K, Held-Feindt J. Dormant glioblastoma cells acquire stem cell characteristics and are differentially affected by Temozolomide and AT101 treatment. *Oncotarget*. 2017 Nov 18;8(64):108064-108078. doi: 10.18632/oncotarget.22514. eCollection 2017 Dec 8. PubMed PMID: 29296224; PubMed Central PMCID: PMC5746126.

- 26: Czaplik M, Voigt V, Kenngott H, Clusmann H, Hoffmann R, Will A; further members of the Medical Board, BMBF Research Project "OR.NET - Secure Dynamic Networking in the Operating Room and Clinic". Why OR.NET? Requirements and perspectives from a medical user's, clinical operator's and device manufacturer's points of view. *Biomed Tech (Berl)*. 2018 Feb 23;63(1):5-10. doi: 10.1515/bmt-2017-0043. PubMed PMID: 29286909.
- 27: Campbell BCV, van Zwam WH, Goyal M, Menon BK, Dippel DWJ, Demchuk AM, Bracard S, White P, Dávalos A, Majoie CBLM, van der Lugt A, Ford GA, de la Ossa NP, Kelly M, Bourcier R, Donnan GA, Roos YBWEM, Bang OY, Nogueira RG, Devlin TG, van den Berg LA, Clarençon F, Burns P, Carpenter J, Berkhemer OA, Yavagal DR, Pereira VM, Ducrocq X, Dixit A, Quesada H, Epstein J, Davis SM, Jansen O, Rubiera M, Urra X, Micard E, Lingsma HF, Naggara O, Brown S, Guillemin F, Muir KW, van Oostenbrugge RJ, Saver JL, Jovin TG, Hill MD, Mitchell PJ; HERMES collaborators. Effect of general anaesthesia on functional outcome in patients with anterior circulation ischaemic stroke having endovascular thrombectomy versus standard care: a meta-analysis of individual patient data. *Lancet Neurol*. 2018 Jan;17(1):47-53. doi: 10.1016/S1474-4422(17)30407-6. Epub 2017 Dec 16. PubMed PMID: 29263006.
- 28: Zapka P, Dörner E, Dreschmann V, Sakamoto N, Kristiansen G, Calaminus G, Vokuhl C, Leuschner I, Pietsch T. Type, Frequency, and Spatial Distribution of Immune Cell Infiltrates in CNS Germinomas: Evidence for Inflammatory and Immunosuppressive Mechanisms. *J Neuropathol Exp Neurol*. 2018 Feb 1;77(2):119-127. doi: 10.1093/jnen/nlx106. PubMed PMID: 29237087.
- 29: Ehlken C, Böhringer D, Agostini HT, Grundel B, Stech M. Potential selection bias in candidates for stereotactic radiotherapy for neovascular AMD. *Graefes Arch Clin Exp Ophthalmol*. 2018 Jan;256(1):105-111. doi: 10.1007/s00417-017-3849-9. Epub 2017 Nov 22. PubMed PMID: 29168044.
- 30: Wichert R, Ermund A, Schmidt S, Schweinlin M, Ksiazek M, Arnold P, Knittler K, Wilkens F, Potempa B, Rabe B, Stirnberg M, Lucius R, Bartsch JW, Nikolaus S, Falk-Paulsen M, Rosenstiel P, Metzger M, Rose-John S, Potempa J, Hansson GC, Dempsey PJ, Becker-Pauly C. Mucus Detachment by Host Metalloprotease Meprin β Requires Shedding of Its Inactive Pro-form, which Is Abrogated by the Pathogenic Protease RgpB. *Cell Rep*. 2017 Nov 21;21(8):2090-2103. doi: 10.1016/j.celrep.2017.10.087. PubMed PMID: 29166602.
- 31: Adler JR, Schweikard A, Achkire Y, Blanck O, Bodduluri M, Ma L, Zhang H. Treatment Planning for Self-Shielded Radiosurgery. *Cureus*. 2017 Sep 8;9(9):e1663. doi: 10.7759/cureus.1663. PubMed PMID: 29152420; PubMed Central PMCID: PMC5677342.
- 32: Chitadze G, Flüh C, Quabius ES, Freitag-Wolf S, Peters C, Lettau M, Bhat J, Wesch D, Oberg HH, Luecke S, Janssen O, Synowitz M, Held-Feindt J, Kabelitz D. In-depth immunophenotyping of patients with glioblastoma multiforme: Impact of steroid treatment. *Oncoimmunology*. 2017 Aug 8;6(11):e1358839. doi: 10.1080/2162402X.2017.1358839. eCollection 2017. PubMed PMID: 29147621; PubMed Central PMCID: PMC5674968.
- 33: Ramantani G, Kadish NE, Mayer H, Anastasopoulos C, Wagner K, Reuner G, Strobl K, Schubert-Bast S, Wiegand G, Brandt A, Korinthenberg R, Mader I, van Velthoven V, Zentner J, Schulze-Bonhage A, Bast T. Frontal Lobe Epilepsy Surgery in Childhood and Adolescence: Predictors of Long-Term Seizure Freedom, Overall Cognitive and Adaptive Functioning. *Neurosurgery*. 2018 Jul 1;83(1):93-103. doi: 10.1093/neuros/nyx340. PubMed PMID: 29106684.
- 34: Helmers AK, Lübbling I, Deuschl G, Witt K, Synowitz M, Mehdorn HM, Falk D. Comparison of the Battery Life of Nonrechargeable Generators for Deep Brain Stimulation. *Neuromodulation*. 2017 Nov 3. doi: 10.1111/ner.12720. [Epub ahead of print] PubMed PMID: 29105245.

- 35: Hüllemann P, von der Brelie C, Manthey G, Düsterhöft J, Helmers AK, Synowitz M, Gierthmühlen J, Baron R. Laser-evoked potentials in painful radiculopathy. *Clin Neurophysiol.* 2017 Nov;128(11):2292-2299. doi: 10.1016/j.clinph.2017.09.100. Epub 2017 Sep 28. PubMed PMID: 29032189.
- 36: Schormair B, Zhao C, Bell S, Tilch E, Salminen AV, Pütz B, Dauvilliers Y, Stefani A, Högl B, Poewe W, Kemlink D, Sonka K, Bachmann CG, Paulus W, Trenkwalder C, Oertel WH, Hornyak M, Teder-Laving M, Metspalu A, Hadjigeorgiou GM, Polo O, Fietze I, Ross OA, Wszolek Z, Butterworth AS, Soranzo N, Ouwehand WH, Roberts DJ, Danesh J, Allen RP, Earley CJ, Ondo WG, Xiong L, Montplaisir J, Gan-Or Z, Perola M, Vodicka P, Dina C, Franke A, Tittmann L, Stewart AFR, Shah SH, Gieger C, Peters A, Rouleau GA, Berger K, Oexle K, Di Angelantonio E, Hinds DA, Müller-Myhsok B, Winkelmann J; 23andMe Research Team; DESIR study group. Identification of novel risk loci for restless legs syndrome in genome-wide association studies in individuals of European ancestry: a meta-analysis. *Lancet Neurol.* 2017 Nov;16(11):898-907. doi: 10.1016/S1474-4422(17)30327-7. Review. PubMed PMID: 29029846; PubMed Central PMCID: PMC5755468.
- 37: Szulzewsky F, Schwendinger N, Güneykaya D, Cimino PJ, Hambardzumyan D, Synowitz M, Holland EC, Kettenmann H. Loss of host-derived osteopontin creates a glioblastoma-promoting microenvironment. *Neuro Oncol.* 2018 Feb 19;20(3):355-366. doi: 10.1093/neuonc/nox165. PubMed PMID: 29016864; PubMed Central PMCID: PMC5817947.
- 38: Koirala N, Fleischer V, Glaser M, Zeuner KE, Deuschl G, Volkmann J, Muthuraman M, Groppa S. Frontal Lobe Connectivity and Network Community Characteristics are Associated with the Outcome of Subthalamic Nucleus Deep Brain Stimulation in Patients with Parkinson's Disease. *Brain Topogr.* 2018 Mar;31(2):311-321. doi: 10.1007/s10548-017-0597-4. Epub 2017 Oct 6. PubMed PMID: 28986718.
- 39: Falk D, Pinsker MO, Mehdorn HM, Nabavi A. Intra-ventricular migration of a subcutaneous reservoir after neuroendoscopy. *Childs Nerv Syst.* 2017 Dec;33(12):2079-2080. doi: 10.1007/s00381-017-3606-8. Epub 2017 Oct 3. PubMed PMID: 28975406.
- 40: Moustakis C, Blanck O, Ebrahimi F, Ka Heng Chan M, Ernst I, Krieger T, Duma MN, Oechsner M, Ganswindt U, Heinz C, Alheit H, Blank H, Nestle U, Wiehle R, Kornhuber C, Ostheimer C, Petersen C, Pollul G, Baus W, Altenstein G, Beckers E, Jurianz K, Sterzing F, Kretschmer M, Seegenschmiedt H, Maass T, Droege S, Wolf U, Schoeffler J, Haverkamp U, Eich H, Guckenberger M. Time for standardization of SBRT planning through large scale clinical data and guideline-based approaches. *Strahlenther Onkol.* 2017 Dec;193(12):1068-1069. doi: 10.1007/s00066-017-1216-8. Epub 2017 Sep 15. PubMed PMID: 28916902.
- 41: Cohrs G, Goerden S, Lucius R, Synowitz M, Mehdorn HM, Held-Feindt J, Knerlich-Lukoschus F. Spatial and Cellular Expression Patterns of Erythropoietin-Receptor and Erythropoietin during a 42-Day Post-Lesional Time Course after Graded Thoracic Spinal Cord Impact Lesions in the Rat. *J Neurotrauma.* 2018 Feb 1;35(3):593-607. doi: 10.1089/neu.2017.4981. Epub 2018 Jan 5. PubMed PMID: 28895456.
- 42: Obeso JA, Stamelou M, Goetz CG, Poewe W, Lang AE, Weintraub D, Burn D, Halliday GM, Bezard E, Przedborski S, Lehericy S, Brooks DJ, Rothwell JC, Hallett M, DeLong MR, Marras C, Tanner CM, Ross GW, Langston JW, Klein C, Bonifati V, Jankovic J, Lozano AM, Deuschl G, Bergman H, Tolosa E, Rodriguez-Violante M, Fahn S, Postuma RB, Berg D, Marek K, Standaert DG, Surmeier DJ, Olanow CW, Kordower JH, Calabresi P, Schapira AHV, Stoessl AJ. Past, present, and future of Parkinson's disease: A special essay on the 200th Anniversary of the Shaking Palsy. *Mov Disord.* 2017 Sep;32(9):1264-1310. doi: 10.1002/mds.27115. Review. PubMed PMID: 28887905; PubMed Central PMCID: PMC5685546.

- 43: Stera S, Balermipas P, Chan MKH, Huttenlocher S, Wurster S, Keller C, Imhoff D, Rades D, Dunst J, Rödel C, Hildebrandt G, Blanck O. Breathing-motion-compensated robotic guided stereotactic body radiation therapy : Patterns of failure analysis. *Strahlenther Onkol.* 2018 Feb;194(2):143-155. doi: 10.1007/s00066-017-1204-z. Epub 2017 Sep 5. PubMed PMID: 28875297.
- 44: Toomsoo T, Randver R, Liepelt-Scarfone I, Kadastik-Eerme L, Asser T, Rubanovits I, Berg D, Taba P. Prevalence of depressive symptoms and their association with brainstem raphe echogenicity in patients with Parkinson's disease and non-PD controls. *Psychiatry Res Neuroimaging.* 2017 Oct 30;268:45-49. doi: 10.1016/j.psychresns.2017.08.005. Epub 2017 Aug 16. PubMed PMID: 28865346.
- 45: Trezzi JP, Galozzi S, Jaeger C, Barkovits K, Brockmann K, Maetzler W, Berg D, Marcus K, Betsou F, Hiller K, Mollenhauer B. Distinct metabolomic signature in cerebrospinal fluid in early parkinson's disease. *Mov Disord.* 2017 Oct;32(10):1401-1408. doi: 10.1002/mds.27132. Epub 2017 Aug 26. PubMed PMID: 28843022.
- 46: Jiang P, Krockenberger K, Vonthein R, Tereszczuk J, Schreiber A, Liebau S, Huttenlocher S, Imhoff D, Balermipas P, Keller C, Dellas K, Baumann R, Rödel C, Hildebrandt G, Jünemann KP, Merseburger AS, Katz A, Ziegler A, Blanck O, Dunst J. Hypo-fractionated SBRT for localized prostate cancer: a German bi-center single treatment group feasibility trial. *Radiat Oncol.* 2017 Aug 18;12(1):138. doi: 10.1186/s13014-017-0872-2. PubMed PMID: 28821268; PubMed Central PMCID: PMC5562995.
- 47: de Kovel CGF, Syrbe S, Brilstra EH, Verbeek N, Kerr B, Dubbs H, Bayat A, Desai S, Naidu S, Srivastava S, Cagaylan H, Yis U, Saunders C, Rook M, Plugge S, Muhle H, Afawi Z, Klein KM, Jayaraman V, Rajagopalan R, Goldberg E, Marsh E, Kessler S, Bergqvist C, Conlin LK, Krok BL, Thiffault I, Pendziwiat M, Helbig I, Polster T, Borggraefe I, Lemke JR, van den Boogaardt MJ, Møller RS, Koeleman BPC. Neurodevelopmental Disorders Caused by De Novo Variants in KCNB1 Genotypes and Phenotypes. *JAMA Neurol.* 2017 Oct 1;74(10):1228-1236. doi: 10.1001/jamaneurol.2017.1714. PubMed PMID: 28806457; PubMed Central PMCID: PMC5710242.
- 48: Pérez-Palma E, Helbig I, Klein KM, Anttila V, Horn H, Reinthaler EM, Gormley P, Ganna A, Byrnes A, Pernhorst K, Toliat MR, Saarentaus E, Howrigan DP, Hoffman P, Miquel JF, De Ferrari GV, Nürnberg P, Lerche H, Zimprich F, Neubauer BA, Becker AJ, Rosenow F, Perucca E, Zara F, Weber YG, Lal D. Heterogeneous contribution of microdeletions in the development of common generalised and focal epilepsies. *J Med Genet.* 2017 Sep;54(9):598-606. doi: 10.1136/jmedgenet-2016-104495. Epub 2017 Jul 29. PubMed PMID: 28756411; PubMed Central PMCID: PMC5574393.
- 49: von der Brelie C, Subai A, Limperger V, Rohde V, Dempfle A, Boström A. In vitro analysis of platelet function in acute aneurysmal subarachnoid haemorrhage. *Neurosurg Rev.* 2018 Apr;41(2):531-538. doi: 10.1007/s10143-017-0885-1. Epub 2017 Jul 24. PubMed PMID: 28741219.
- 50: Adamski V, Mentlein R, Lucius R, Synowitz M, Held-Feindt J, Hattermann K. The Chemokine Receptor CXCR6 Evokes Reverse Signaling via the Transmembrane Chemokine CXCL16. *Int J Mol Sci.* 2017 Jul 8;18(7). pii: E1468. doi: 10.3390/ijms18071468. PubMed PMID: 28698473; PubMed Central PMCID: PMC5535959.
- 51: Andresen R, Radmer S, Wollny M, Andresen JR, Nissen U, Schober HC. CT-guided cement sacroplasty (CSP) as pain therapy in non-dislocated insufficiency fractures. *Eur J Orthop Surg Traumatol.* 2017 Dec;27(8):1045-1050. doi: 10.1007/s00590-017-2001-1. Epub 2017 Jun 26. PubMed PMID: 28653101; PubMed Central PMCID: PMC5686249.
- 52: Merola A, Fasano A, Hassan A, Ostrem JL, Contarino MF, Lyons M, Krauss JK, Wolf ME, Klassen BT, van Rootselaar AF, Regidor I, Duker AP, Ondo W, Guridi J, Volkmann J, Wagle Shukla A, Mandybur GT,

Okun MS, Witt K, Starr PA, Deuschl G, Espay AJ. Thalamic deep brain stimulation for orthostatic tremor: A multicenter international registry. *Mov Disord.* 2017 Aug;32(8):1240-1244. doi: 10.1002/mds.27082. Epub 2017 Jun 20. PubMed PMID: 28631862.

53: Klein KM, Pendziwiat M, Eilam A, Gilad R, Blatt I, Rosenow F, Kanaan M, Helbig I, Afawi Z; Israeli-Palestinian Epilepsy Family Consortium. The phenotypic spectrum of ARHGEF9 includes intellectual disability, focal epilepsy and febrile seizures. *J Neurol.* 2017 Jul;264(7):1421-1425. doi: 10.1007/s00415-017-8539-3. Epub 2017 Jun 15. PubMed PMID: 28620718.

54: Heßelmann V, Mager AK, Goetz C, Detsch O, Theisgen HK, Friese M, Schwindt W, Gottschalk J, Kremer P. Accuracy of High-Field Intraoperative MRI in the Detectability of Residual Tumor in Glioma Grade IV Resections. *Rofo.* 2017 Jun;189(6):519-526. doi: 10.1055/s-0043-106189. Epub 2017 Jun 7. PubMed PMID: 28591887.

55: Witoelar A, Jansen IE, Wang Y, Desikan RS, Gibbs JR, Blauwendraat C, Thompson WK, Hernandez DG, Djurovic S, Schork AJ, Bettella F, Ellinghaus D, Franke A, Lie BA, McEvoy LK, Karlsten TH, Lesage S, Morris HR, Brice A, Wood NW, Heutink P, Hardy J, Singleton AB, Dale AM, Gasser T, Andreassen OA, Sharma M; International Parkinson's Disease Genomics Consortium (IPDGC), North American Brain Expression Consortium (NABEC), and United Kingdom Brain Expression Consortium (UKBEC) Investigators. Genome-wide Pleiotropy Between Parkinson Disease and Autoimmune Diseases. *JAMA Neurol.* 2017 Jul 1;74(7):780-792. doi: 10.1001/jamaneurol.2017.0469. PubMed PMID: 28586827; PubMed Central PMCID: PMC5710535.

56: Moustakis C, Blanck O, Ebrahimi Tazehmahalleh F, Ka Heng Chan M, Ernst I, Krieger T, Duma MN, Oechsner M, Ganswindt U, Heinz C, Alheit H, Blank H, Nestle U, Wiehle R, Kornhuber C, Ostheimer C, Petersen C, Pollul G, Baus W, Altenstein G, Beckers E, Jurianz K, Sterzing F, Kretschmer M, Seegenschmiedt H, Maass T, Droege S, Wolf U, Schoeffler J, Haverkamp U, Eich HT, Guckenberger M. Planning benchmark study for SBRT of early stage NSCLC : Results of the DEGRO Working Group Stereotactic Radiotherapy. *Strahlenther Onkol.* 2017 Oct;193(10):780-790. doi: 10.1007/s00066-017-1151-8. Epub 2017 May 31. PubMed PMID: 28567503.

57: Maier F, Lewis CJ, Eggers C, Kühn AA, Krug H, Volkmann J, Kirsch AD, Wojtecki L, Schnitzler A, Deuschl G, Krauss JK, Woopen C, Timmermann L. The deep brain stimulation impairment scale (DBS-IS) - response to Jahanshahi. *Parkinsonism Relat Disord.* 2017 Aug;41:133-134. doi: 10.1016/j.parkreldis.2017.05.017. Epub 2017 May 19. PubMed PMID: 28549838.

58: De Meyer SF, Andersson T, Baxter B, Bendszus M, Brouwer P, Brinjikji W, Campbell BC, Costalat V, Dávalos A, Demchuk A, Dippel D, Fiehler J, Fischer U, Gilvarry M, Gounis MJ, Gralla J, Jansen O, Jovin T, Kallmes D, Khatri P, Lees KR, López-Cancio E, Majoie C, Marquering H, Narata AP, Nogueira R, Ringleb P, Siddiqui A, Szikora I, Vale D, von Kummer R, Yoo AJ, Hacke W, Liebeskind DS; Clot Summit Group. Analyses of thrombi in acute ischemic stroke: A consensus statement on current knowledge and future directions. *Int J Stroke.* 2017 Aug;12(6):606-614. doi: 10.1177/1747493017709671. Epub 2017 May 23. Review. PubMed PMID: 28534706.

59: van den Bruck R, Weil PP, Ziegenhals T, Schreiner P, Juranek S, Gödde D, Vogel S, Schuster F, Orth V, Dörner J, Pembaur D, Röper M, Störkel S, Zirngibl H, Wirth S, Jenke ACW, Postberg J, Boy N, Heringer J, Haege G, Glahn EM, Hoffmann GF, Garbade SF, Burgard P, Kölker S, Chao CM, Yahya F, Moiseenko A, Shrestha A, Ahmadvand N, Quantius J, Wilhelm J, El-Agha E, Zimmer KP, Bellusci S, Stauffer C, Kölker S, Prokisch H, Hoffmann GF, Seeliger S, Müller M, Hippe A, Steinkraus H, Wauer R, Lachmann B, Hofmann SR, Hedrich CM, Zierk J, Arzideh F, Haeckel R, Rascher W, Rauh M, Metzler M, Thieme S, Bandoła J, Richter C, Ryser M, Jamal A, Ashton MP, von Bonin M, Kuhn M, Hedrich CM, Bonifacio E, Berner R, Brenner S, Hammersen J, Has C, Naumann-Bartsch N, Stachel D, Kiritsi D, Söder

S, Tardieu M, Metzler M, Bruckner-Tuderman L, Schneider H, Bohne F, Langer D, Cencic R, Eggermann T, Zechner U, Pelletier J, Zepp F, Enklaar T, Prawitt D, Pech M, Weckmann M, Heinsen FA, Franke A, Happle C, Dittrich AM, Hansen G, Fuchs O, von Mutius E, Oliver BG, Kopp MV, Paret C, Russo A, Theruvath J, Keller B, El Malki K, Lehmann N, Wingerter A, Neu MA, Aslihan GA, Wagner W, Sommer C, Pietsch T, Seidmann L, Faber J, Schreiner F, Ackermann M, Michalik M, Rother E, Bilkei-Gorzo A, Racz I, Bindila L, Lutz B, Dötsch J, Zimmer A, Woelfle J, Fischer HS, Ullrich TL, Bühner C, Czernik C, Schmalisch G, Stein R, Hofmann SR, Hagenbuchner J, Kiechl-Kohlendorfer U, Obexer P, Ausserlechner MJ, Loges NT, Frommer AT, Wallmeier J, Omran H, Öner-Sieben S, Gimpfl M, Rozman J, Irmeler M, Beckers J, De Angelis MH, Roscher A, Wolf E, Ensenauer R, Nemes K, Frühwald M, Hasselblatt M, Siebert R, Kordes U, Kool M, Wang H, Hardy H, Refai O, Barwick KES, Zimmerman HH, Weis J, Baple EL, Crosby AH, Cirak S, Hellmuth C, Uhl O, Standl M, Heinrich J, Thiering E, Koletzko B, Blümel L, Kerl K, Picard D, Frühwald MC, Liebau MC, Reifenberger G, Borkhardt A, Hasselblatt M, Remke M, Tews D, Wabitsch M, Fischer-Posovszky P, Westhoff MA, Nonnenmacher L, Langhans J, Schneele L, Trenkler N, Debatin KM. Abstracts of the 52nd Workshop for Pediatric Research : Frankfurt, Germany. 27-28 October 2016. *Mol Cell Pediatr.* 2017 May;4(Suppl 1):5. doi: 10.1186/s40348-017-0071-0. PubMed PMID: 28516419; PubMed Central PMCID: PMC5435609.

60: Lindner T, Ahmeti H, Lübbling I, Helle M, Jansen O, Synowitz M, Ulmer S. Intraoperative resection control using arterial spin labeling - Proof of concept, reproducibility of data and initial results. *Neuroimage Clin.* 2017 Apr 25;15:136-142. doi: 10.1016/j.nicl.2017.04.021. eCollection 2017. PubMed PMID: 28507896; PubMed Central PMCID: PMC5423346.

61: Rollnik JD, Adolphsen J, Bauer J, Bertram M, Brocke J, Dohmen C, Donauer E, Hartwich M, Heidler MD, Hüge V, Klarmann S, Lorenz S, Lück M, Mertl-Rötzer M, Mokrusch T, Nowak DA, Platz T, Riechmann L, Schlachetzki F, von Helden A, Wallesch CW, Zergiebel D, Pohl M. [Prolonged weaning during early neurological and neurosurgical rehabilitation : S2k guideline published by the Weaning Committee of the German Neurorehabilitation Society (DGNR)]. *Nervenarzt.* 2017 Jun;88(6):652-674. doi: 10.1007/s00115-017-0332-0. Review. German. PubMed PMID: 28484823.

62: Rantner B, Kollerits B, Roubin GS, Ringleb PA, Jansen O, Howard G, Hendrikse J, Halliday A, Gregson J, Eckstein HH, Calvet D, Bulbulia R, Bonati LH, Becquemin JP, Algra A, Brown MM, Mas JL, Brott TG, Fraedrich G; Carotid Stenosis Trialists' Collaboration. Early Endarterectomy Carries a Lower Procedural Risk Than Early Stenting in Patients With Symptomatic Stenosis of the Internal Carotid Artery: Results From 4 Randomized Controlled Trials. *Stroke.* 2017 Jun;48(6):1580-1587. doi: 10.1161/STROKEAHA.116.016233. Epub 2017 Apr 28. PubMed PMID: 28455318.

63: Volkers EJ, Greving JP, Hendrikse J, Algra A, Kappelle LJ, Becquemin JP, Bonati LH, Brott TG, Bulbulia R, Calvet D, Eckstein HH, Fraedrich G, Gregson J, Halliday A, Howard G, Jansen O, Roubin GS, Brown MM, Mas JL, Ringleb PA; Carotid Stenosis Trialists' Collaboration. Body mass index and outcome after revascularization for symptomatic carotid artery stenosis. *Neurology.* 2017 May 23;88(21):2052-2060. doi: 10.1212/WNL.0000000000003957. Epub 2017 Apr 26. PubMed PMID: 28446644; PubMed Central PMCID: PMC5440240.

64: Fereshtehnejad SM, Montplaisir JY, Pelletier A, Gagnon JF, Berg D, Postuma RB. Validation of the MDS research criteria for prodromal Parkinson's disease: Longitudinal assessment in a REM sleep behavior disorder (RBD) cohort. *Mov Disord.* 2017 Jun;32(6):865-873. doi: 10.1002/mds.26989. Epub 2017 Apr 21. PubMed PMID: 28429825.

65: Chan M, Chiang CL, Lee V, Cheung S, Leung R, Wong M, Lee F, Blanck O. Target localization of 3D versus 4D cone beam computed tomography in lipiodol-guided stereotactic radiotherapy of hepatocellular carcinomas. *PLoS One.* 2017 Apr 6;12(4):e0174929. doi: 10.1371/journal.pone.0174929. eCollection 2017. PubMed PMID: 28384187; PubMed Central PMCID:

PMC5383048.

66: Qureshi AI, Chaudhry SA, Eckstein H, Jansen O, Ringleb PA. Asymptomatic Extracranial Vertebral Artery Disease in Patients with Internal Carotid Artery Stenosis. *Neurosurgery*. 2017 Sep 1;81(3):531-536. doi: 10.1093/neuros/nyx092. PubMed PMID: 28379549.

67: Skardelly M, Dangel E, Gohde J, Noell S, Behling F, Lepski G, Borchers C, Koch M, Schittenhelm J, Bisdas S, Naumann A, Paulsen F, Zips D, von Hehn U, Ritz R, Tatagiba MS, Tabatabai G. Prolonged Temozolomide Maintenance Therapy in Newly Diagnosed Glioblastoma. *Oncologist*. 2017 May;22(5):570-575. doi: 10.1634/theoncologist.2016-0347. Epub 2017 Mar 30. PubMed PMID: 28360216; PubMed Central PMCID: PMC5423504.

68: Melin BS, Barnholtz-Sloan JS, Wrensch MR, Johansen C, Il'yasova D, Kinnersley B, Ostrom QT, Labreche K, Chen Y, Armstrong G, Liu Y, Eckel-Passow JE, Decker PA, Labussière M, Idbaih A, Hoang-Xuan K, Di Stefano AL, Mokhtari K, Delattre JY, Broderick P, Galan P, Gousias K, Schramm J, Schoemaker MJ, Fleming SJ, Herms S, Heilmann S, Nöthen MM, Wichmann HE, Schreiber S, Swerdlow A, Lathrop M, Simon M, Sanson M, Andersson U, Rajaraman P, Chanock S, Linet M, Wang Z, Yeager M; GliomaScan Consortium, Wiencke JK, Hansen H, McCoy L, Rice T, Kosel ML, Sicotte H, Amos CI, Bernstein JL, Davis F, Lachance D, Lau C, Merrell RT, Shildkrait J, Ali-Osman F, Sadetzki S, Scheurer M, Shete S, Lai RK, Claus EB, Olson SH, Jenkins RB, Houlston RS, Bondy ML. Genome-wide association study of glioma subtypes identifies specific differences in genetic susceptibility to glioblastoma and non-glioblastoma tumors. *Nat Genet*. 2017 May;49(5):789-794. doi: 10.1038/ng.3823. Epub 2017 Mar 27. PubMed PMID: 28346443; PubMed Central PMCID: PMC5558246.

69: Hermes J, Lakshmanan R, Watkins L, Davagnanam I. Teaching NeuroImages: Intracranial arterial dissection. *Neurology*. 2017 Mar 21;88(12):e111-e112. doi: 10.1212/WNL.0000000000003733. PubMed PMID: 28320929.

70: Winter N, Rattay TW, Axer H, Schäffer E, Décard BF, Gugel I, Schuhmann M, Grimm A. Ultrasound assessment of peripheral nerve pathology in neurofibromatosis type 1 and 2. *Clin Neurophysiol*. 2017 May;128(5):702-706. doi: 10.1016/j.clinph.2017.02.005. Epub 2017 Feb 20. PubMed PMID: 28315612.

71: Chan M, Grehn M, Cremers F, Siebert FA, Wurster S, Huttenlocher S, Dunst J, Hildebrandt G, Schweikard A, Rades D, Ernst F, Blanck O. Dosimetric Implications of Residual Tracking Errors During Robotic SBRT of Liver Metastases. *Int J Radiat Oncol Biol Phys*. 2017 Mar 15;97(4):839-848. doi: 10.1016/j.ijrobp.2016.11.041. Epub 2016 Nov 27. PubMed PMID: 28244421.

72: Telomeres Mendelian Randomization Collaboration, Haycock PC, Burgess S, Nounu A, Zheng J, Okoli GN, Bowden J, Wade KH, Timpson NJ, Evans DM, Willeit P, Aviv A, Gaunt TR, Hemani G, Mangino M, Ellis HP, Kurian KM, Pooley KA, Eeles RA, Lee JE, Fang S, Chen WV, Law MH, Bowdler LM, Iles MM, Yang Q, Worrall BB, Markus HS, Hung RJ, Amos CI, Spurdle AB, Thompson DJ, O'Mara TA, Wolpin B, Amundadottir L, Stolzenberg-Solomon R, Trichopoulou A, Onland-Moret NC, Lund E, Duell EJ, Canzian F, Severi G, Overvad K, Gunter MJ, Tumino R, Svenson U, van Rij A, Baas AF, Bown MJ, Samani NJ, van t'Hof FNG, Tromp G, Jones GT, Kuivaniemi H, Elmore JR, Johansson M, McKay J, Scelo G, Carreras-Torres R, Gaborieau V, Brennan P, Bracci PM, Neale RE, Olson SH, Gallinger S, Li D, Petersen GM, Risch HA, Klein AP, Han J, Abnet CC, Freedman ND, Taylor PR, Maris JM, Aben KK, Kiemeny LA, Vermeulen SH, Wiencke JK, Walsh KM, Wrensch M, Rice T, Turnbull C, Litchfield K, Paternoster L, Standl M, Abecasis GR, SanGiovanni JP, Li Y, Mijatovic V, Sapkota Y, Low SK, Zondervan KT, Montgomery GW, Nyholt DR, van Heel DA, Hunt K, Arking DE, Ashar FN, Sotoodehnia N, Woo D, Rosand J, Comeau ME, Brown WM, Silverman EK, Hokanson JE, Cho MH, Hui J, Ferreira MA, Thompson PJ, Morrison AC, Felix JF, Smith NL, Christiano AM, Petukhova L, Betz RC, Fan X, Zhang X, Zhu C, Langeveld CD, Thompson SD, Wang F, Lin X, Schwartz DA, Fingerlin T, Rotter JI, Cotch MF, Jensen RA,

Munz M, Dommisch H, Schaefer AS, Han F, Ollila HM, Hillary RP, Albagha O, Ralston SH, Zeng C, Zheng W, Shu XO, Reis A, Uebe S, Hüffmeier U, Kawamura Y, Otowa T, Sasaki T, Hibberd ML, Davila S, Xie G, Siminovitch K, Bei JX, Zeng YX, Försti A, Chen B, Landi S, Franke A, Fischer A, Ellinghaus D, Flores C, Noth I, Ma SF, Foo JN, Liu J, Kim JW, Cox DG, Delattre O, Mirabeau O, Skibola CF, Tang CS, Garcia-Barcelo M, Chang KP, Su WH, Chang YS, Martin NG, Gordon S, Wade TD, Lee C, Kubo M, Cha PC, Nakamura Y, Levy D, Kimura M, Hwang SJ, Hunt S, Spector T, Soranzo N, Manichaikul AW, Barr RG, Kahali B, Speliotes E, Yerges-Armstrong LM, Cheng CY, Jonas JB, Wong TY, Fogh I, Lin K, Powell JF, Rice K, Relton CL, Martin RM, Davey Smith G. Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases: A Mendelian Randomization Study. *JAMA Oncol.* 2017 May 1;3(5):636-651. doi: 10.1001/jamaoncol.2016.5945. PubMed PMID: 28241208; PubMed Central PMCID: PMC5638008.

73: Ratnaparkhe M, Hlevnjak M, Kolb T, Jauch A, Maass KK, Devens F, Rode A, Hovestadt V, Korshunov A, Pastorczak A, Mlynarski W, Sungalee S, Korbelt J, Hoell J, Fischer U, Milde T, Kramm C, Nathrath M, Chrzanowska K, Tausch E, Takagi M, Taga T, Constantini S, Loeffen J, Meijerink J, Zielen S, Gohring G, Schlegelberger B, Maass E, Siebert R, Kunz J, Kulozik AE, Worst B, Jones DT, Pfister SM, Zapatka M, Lichter P, Ernst A. Genomic profiling of Acute lymphoblastic leukemia in ataxia telangiectasia patients reveals tight link between ATM mutations and chromothripsis. *Leukemia.* 2017 Oct;31(10):2048-2056. doi: 10.1038/leu.2017.55. Epub 2017 Feb 15. PubMed PMID: 28196983.

74: Tanadini-Lang S, Rieber J, Filippi AR, Fode MM, Streblow J, Adebahr S, Andratschke N, Blanck O, Boda-Heggemann J, Duma M, Eble MJ, Ernst I, Flentje M, Gerum S, Hass P, Henkenberens C, Hildebrandt G, Imhoff D, Kahl H, Klass ND, Krempien R, Lohaus F, Petersen C, Schrade E, Wendt TG, Wittig A, Høyer M, Ricardi U, Sterzing F, Guckenberger M. Nomogram based overall survival prediction in stereotactic body radiotherapy for oligo-metastatic lung disease. *Radiother Oncol.* 2017 May;123(2):182-188. doi: 10.1016/j.radonc.2017.01.003. Epub 2017 Feb 4. PubMed PMID: 28169042.

75: Heß K, Purrucker J, Hegenbart U, Brokinkel B, Berndt R, Keyvani K, Monoranu CM, Löhr M, Reifenberger G, Munoz-Bendix C, Kalla J, Groß J, Schick U, Kollmer J, Klapper W, Röcken C, Hasselblatt M, Paulus W. Cerebral amyloidoma is characterized by B-cell clonality and a stable clinical course. *Brain Pathol.* 2018 Mar;28(2):234-239. doi: 10.1111/bpa.12493. Epub 2017 Mar 13. PubMed PMID: 28160367.

76: Planitzer U, Hammer N, Bechmann I, Glätzner J, Löffler S, Möbius R, Tillmann BN, Weise D, Winkler D. Positional Relations of the Cervical Vagus Nerve Revisited. *Neuromodulation.* 2017 Jun;20(4):361-368. doi: 10.1111/ner.12557. Epub 2017 Feb 1. PubMed PMID: 28145065.

77: von der Brelie C, Doukas A, Stopfer A, Larsen N, Mehdorn M, Synowitz M, Jansen O. Clinical Course and Monitoring Parameters After Continuous Interventional Intra-Arterial Treatment in Patients with Refractory Cerebral Vasospasm. *World Neurosurg.* 2017 Apr;100:504-513. doi: 10.1016/j.wneu.2016.12.110. Epub 2017 Jan 26. PubMed PMID: 28131927.

78: Jehna M, Becker J, Zaar K, von Campe G, Mahdy Ali K, Reishofer G, Payer F, Synowitz M, Fazekas F, Enzinger C, Deutschmann H. Symmetry of the arcuate fasciculus and its impact on language performance of patients with brain tumors in the language-dominant hemisphere. *J Neurosurg.* 2017 Dec;127(6):1407-1416. doi: 10.3171/2016.9.JNS161281. Epub 2017 Jan 27. PubMed PMID: 28128689.

79: Mehdorn HM, Schwartz F, Becker J. Awake Craniotomy for Tumor Resection: Further Optimizing Therapy of Brain Tumors. *Acta Neurochir Suppl.* 2017;124:309-313. doi: 10.1007/978-3-319-39546-3_45. PubMed PMID: 28120089.

80: Hüllemann P, von der Brelie C, Manthey G, Düsterhöft J, Helmers AK, Synowitz M, Baron R.

Reduced laser-evoked potential habituation detects abnormal central pain processing in painful radiculopathy patients. *Eur J Pain*. 2017 May;21(5):918-926. doi: 10.1002/ejp.994. Epub 2017 Jan 20. PubMed PMID: 28106318.

81: Ramantani G, Stathi A, Brandt A, Strobl K, Schubert-Bast S, Wiegand G, Korinthenberg R, van Velthoven V, Zentner J, Schulze-Bonhage A, Bast T. Posterior cortex epilepsy surgery in childhood and adolescence: Predictors of long-term seizure outcome. *Epilepsia*. 2017 Mar;58(3):412-419. doi: 10.1111/epi.13654. Epub 2017 Jan 18. PubMed PMID: 28098941.

82: Maier F, Lewis CJ, Eggers C, Kühn AA, Krug H, Volkmann J, Kirsch AD, Wojtecki L, Schnitzler A, Deuschl G, Krauss JK, Woopen C, Timmermann L. Development and validation of the deep brain stimulation impairment scale (DBS-IS). *Parkinsonism Relat Disord*. 2017 Mar;36:69-75. doi: 10.1016/j.parkreldis.2017.01.002. Epub 2017 Jan 6. PubMed PMID: 28089264.

83: Møller RS, Wuttke TV, Helbig I, Marini C, Johannesen KM, Brilstra EH, Vaher U, Borggraefe I, Talvik I, Talvik T, Kluger G, Francois LL, Lesca G, de Bellecize J, Blichfeldt S, Chatron N, Holert N, Jacobs J, Swinkels M, Betzler C, Syrbe S, Nikanorova M, Myers CT, Larsen LH, Vejzovic S, Pendziwiat M, von Spiczak S, Hopkins S, Dubbs H, Mang Y, Mukhin K, Holthausen H, van Gassen KL, Dahl HA, Tommerup N, Mefford HC, Rubboli G, Guerrini R, Lemke JR, Lerche H, Muhle H, Maljevic S. Mutations in GABRB3: From febrile seizures to epileptic encephalopathies. *Neurology*. 2017 Jan 31;88(5):483-492. doi: 10.1212/WNL.0000000000003565. Epub 2017 Jan 4. PubMed PMID: 28053010; PubMed Central PMCID: PMC5278942.

84: Shireman TI, Wang K, Saver JL, Goyal M, Bonafé A, Diener HC, Levy EI, Pereira VM, Albers GW, Cognard C, Hacke W, Jansen O, Jovin TG, Mattle HP, Nogueira RG, Siddiqui AH, Yavagal DR, Devlin TG, Lopes DK, Reddy VK, du Mesnil de Rochemont R, Jahan R, Vilain KA, House J, Lee JM, Cohen DJ; SWIFT-PRIME Investigators. Cost-Effectiveness of Solitaire Stent Retriever Thrombectomy for Acute Ischemic Stroke: Results From the SWIFT-PRIME Trial (Solitaire With the Intention for Thrombectomy as Primary Endovascular Treatment for Acute Ischemic Stroke). *Stroke*. 2017 Feb;48(2):379-387. doi: 10.1161/STROKEAHA.116.014735. Epub 2016 Dec 27. PubMed PMID: 28028150; PubMed Central PMCID: PMC5461963.

85: Knerlich-Lukoschus F, Connolly MB, Hendson G, Steinbok P, Dunham C. Clinical, imaging, and immunohistochemical characteristics of focal cortical dysplasia Type II extratemporal epilepsies in children: analyses of an institutional case series. *J Neurosurg Pediatr*. 2017 Feb;19(2):182-195. doi: 10.3171/2016.8.PEDS1686. Epub 2016 Nov 25. PubMed PMID: 27885945.

86: von der Brelie C, Doukas A, Naumann R, Dempfle A, Larsen N, Synowitz M, Jansen O, Mehdorn M, Jadik S. Clinical and radiological course of intracerebral haemorrhage associated with the new non-vitamin K anticoagulants. *Acta Neurochir (Wien)*. 2017 Jan;159(1):101-109. doi: 10.1007/s00701-016-3026-7. Epub 2016 Nov 21. PubMed PMID: 27873051.

87: Rieber J, Abbassi-Senger N, Adebahr S, Andratschke N, Blanck O, Duma M, Eble MJ, Ernst I, Flentje M, Gerum S, Hass P, Henkenberens C, Hildebrandt G, Imhoff D, Kahl H, Klass ND, Krempien R, Lohaus F, Lohr F, Petersen C, Schrade E, Streblov J, Uhlmann L, Wittig A, Sterzing F, Guckenberger M. Influence of Institutional Experience and Technological Advances on Outcome of Stereotactic Body Radiation Therapy for Oligometastatic Lung Disease. *Int J Radiat Oncol Biol Phys*. 2017 Jul 1;98(3):511-520. doi: 10.1016/j.ijrobp.2016.09.026. Epub 2016 Sep 26. PubMed PMID: 27843031.

88: Hamel W, Köppen JA, Alesch F, Antonini A, Barcia JA, Bergman H, Chabardes S, Contarino MF, Cornu P, Demmel W, Deuschl G, Fasano A, Kühn AA, Limousin P, McIntyre CC, Mehdorn HM, Pilleri M, Pollak P, Rodríguez-Oroz MC, Rumià J, Samuel M, Timmermann L, Valldeoriola F, Vesper J, Visser-

- Vandewalle V, Volkmann J, Lozano AM. Targeting of the Subthalamic Nucleus for Deep Brain Stimulation: A Survey Among Parkinson Disease Specialists. *World Neurosurg.* 2017 Mar;99:41-46. doi: 10.1016/j.wneu.2016.11.012. Epub 2016 Nov 9. PubMed PMID: 27838430.
- 89: Capetian P, Azmitia L, Pauly MG, Krajka V, Stengel F, Bernhardt EM, Klett M, Meier B, Seibler P, Stanslowsky N, Moser A, Knopp A, Gillessen-Kaesbach G, Nikkhah G, Wegner F, Döbrössy M, Klein C. Plasmid-Based Generation of Induced Neural Stem Cells from Adult Human Fibroblasts. *Front Cell Neurosci.* 2016 Oct 24;10:245. eCollection 2016. PubMed PMID: 27822179; PubMed Central PMCID: PMC5075569.
- 90: de Cuba CM, Albanese A, Antonini A, Cossu G, Deuschl G, Eleopra R, Galati A, Hoffmann CF, Knudsen K, Landi A, Lanotte MM, Marcante A, Mosch A, Pilleri M, Reich MM, Ricchi V, Rinaldo S, Romito LM, Saba FS, Sacristan HE, Schuurman PR, Trezza A, van den Munckhof P, Volkmann J, Zibetti M, Contarino MF. Idiopathic delayed-onset edema surrounding deep brain stimulation leads: Insights from a case series and systematic literature review. *Parkinsonism Relat Disord.* 2016 Nov;32:108-115. doi: 10.1016/j.parkreldis.2016.09.007. Epub 2016 Sep 6. Review. PubMed PMID: 27622967.
- 91: Mitra A, Snyder AZ, Hacker CD, Pahwa M, Tagliazucchi E, Laufs H, Leuthardt EC, Raichle ME. Human cortical-hippocampal dialogue in wake and slow-wave sleep. *Proc Natl Acad Sci U S A.* 2016 Nov 1;113(44):E6868-E6876. Epub 2016 Oct 17. PubMed PMID: 27791089; PubMed Central PMCID: PMC5098641.
- 92: Müller SH, Girard SL, Hopfner F, Merner ND, Bourassa CV, Lorenz D, Clark LN, Tittmann L, Soto-Ortolaza AI, Klebe S, Hallett M, Schneider SA, Hodgkinson CA, Lieb W, Wszolek ZK, Pendziwiat M, Lorenzo-Betancor O, Poewe W, Ortega-Cubero S, Seppi K, Rajput A, Hussl A, Rajput AH, Berg D, Dion PA, Wurster I, Shulman JM, Srulijes K, Haubenberger D, Pastor P, Vilariño-Güell C, Postuma RB, Bernard G, Ladwig KH, Dupré N, Jankovic J, Strauch K, Panisset M, Winkelmann J, Testa CM, Reischl E, Zeuner KE, Ross OA, Arzberger T, Chouinard S, Deuschl G, Louis ED, Kühlenbäumer G, Rouleau GA. Genome-wide association study in essential tremor identifies three new loci. *Brain.* 2016 Dec;139(Pt 12):3163-3169. Epub 2016 Oct 20. PubMed PMID: 27797806; PubMed Central PMCID: PMC5382938.
- 93: Burkhardt L, Lobitz S, Koustenis E, Rueckriegel SM, Hernáiz Driever P. Cognitive and fine motor deficits in a pediatric sickle cell disease cohort of mixed ethnic origin. *Ann Hematol.* 2017 Feb;96(2):199-213. doi: 10.1007/s00277-016-2861-1. Epub 2016 Oct 29. PubMed PMID: 27796476.
- 94: Hattermann K, Bartsch K, Gebhardt HH, Mehdorn HM, Synowitz M, Schmitt AD, Mentlein R, Held-Feindt J. "Inverse signaling" of the transmembrane chemokine CXCL16 contributes to proliferative and anti-apoptotic effects in cultured human meningioma cells. *Cell Commun Signal.* 2016 Oct 27;14(1):26. PubMed PMID: 27784296; PubMed Central PMCID: PMC5082356.
- 95: Reif PS, Tsai MH, Helbig I, Rosenow F, Klein KM. Precision medicine in genetic epilepsies: break of dawn? *Expert Rev Neurother.* 2017 Apr;17(4):381-392. doi: 10.1080/14737175.2017.1253476. Epub 2016 Nov 10. Review. PubMed PMID: 27781560.
- 96: Hattermann K, Flüh C, Engel D, Mehdorn HM, Synowitz M, Mentlein R, Held-Feindt J. Stem cell markers in glioma progression and recurrence. *Int J Oncol.* 2016 Nov;49(5):1899-1910. doi: 10.3892/ijo.2016.3682. Epub 2016 Sep 6. PubMed PMID: 27600094.
- 97: Hopfner F, Haubenberger D, Galpern WR, Gwinn K, Van't Veer A, White S, Bhatia K, Adler CH, Eidelberg D, Ondo W, Stebbins GT, Tanner CM, Helmich RC, Lenz FA, Sillitoe RV, Vaillancourt D, Vitek JL, Louis ED, Shill HA, Frosch MP, Foroud T, Kühlenbäumer G, Singleton A, Testa CM, Hallett M, Elble R, Deuschl G. Knowledge gaps and research recommendations for essential tremor. *Parkinsonism Relat*

Disord. 2016 Dec;33:27-35. doi: 10.1016/j.parkreldis.2016.10.002. Epub 2016 Oct 4. Review. PubMed PMID: 27769649; PubMed Central PMCID: PMC5271603.

98: Schlenstedt C, Shalash A, Muthuraman M, Falk D, Witt K, Deuschl G. Effect of high-frequency subthalamic neurostimulation on gait and freezing of gait in Parkinson's disease: a systematic review and meta-analysis. *Eur J Neurol*. 2017 Jan;24(1):18-26. doi: 10.1111/ene.13167. Epub 2016 Oct 20. Review. PubMed PMID: 27766724.

99: Kun-Rodrigues C, Ross OA, Orme T, Shepherd C, Parkkinen L, Darwent L, Hernandez D, Ansorge O, Clark LN, Honig LS, Marder K, Lemstra A, Scheltens P, van der Flier W, Louwersheimer E, Holstege H, Rogaeva E, St George-Hyslop P, Londos E, Zetterberg H, Barber I, Braae A, Brown K, Morgan K, Maetzler W, Berg D, Troakes C, Al-Sarraj S, Lashley T, Holton J, Compta Y, Van Deerlin V, Trojanowski JQ, Serrano GE, Beach TG, Clarimon J, Lleó A, Morenas-Rodríguez E, Lesage S, Galasko D, Masliah E, Santana I, Diez M, Pastor P, Tienari PJ, Myllykangas L, Oinas M, Revesz T, Lees A, Boeve BF, Petersen RC, Ferman TJ, Escott-Price V, Graff-Radford N, Cairns NJ, Morris JC, Stone DJ, Pickering-Brown S, Mann D, Dickson DW, Halliday GM, Singleton A, Guerreiro R, Bras J. Analysis of C9orf72 repeat expansions in a large international cohort of dementia with Lewy bodies. *Neurobiol Aging*. 2017 Jan;49:214.e13-214.e15. doi: 10.1016/j.neurobiolaging.2016.08.023. Epub 2016 Sep 2. PubMed PMID: 27666590; PubMed Central PMCID: PMC5154872.

100: Fiehler J, Cognard C, Gallitelli M, Jansen O, Kobayashi A, Mattle HP, Muir KW, Mazighi M, Schaller K, Schellinger PD. European Recommendations on Organisation of Interventional Care in Acute Stroke (EROICAS). *Int J Stroke*. 2016 Aug;11(6):701-16. doi: 10.1177/1747493016647735. PubMed PMID: 27462090.

101: Koy A, Weinsheimer M, Pauls KA, Kühn AA, Krause P, Huebl J, Schneider GH, Deuschl G, Erasmi R, Falk D, Krauss JK, Lütjens G, Schnitzler A, Wojtecki L, Vesper J, Korinthenberg R, Coenen VA, Visser-Vandewalle V, Hellmich M, Timmermann L; GEPESTIM Consortium. German registry of paediatric deep brain stimulation in patients with childhood-onset dystonia (GEPESTIM). *Eur J Paediatr Neurol*. 2017 Jan;21(1):136-146. doi: 10.1016/j.ejpn.2016.05.023. Epub 2016 Jun 25. PubMed PMID: 27424797.

102: Henden L, Freytag S, Afawi Z, Baldassari S, Berkovic SF, Bisulli F, Canafoglia L, Casari G, Crompton DE, Depienne C, Gecz J, Guerrini R, Helbig I, Hirsch E, Keren B, Klein KM, Labauge P, LeGuern E, Licchetta L, Mei D, Nava C, Pippucci T, Rudolf G, Scheffer IE, Striano P, Tinuper P, Zara F, Corbett M, Bahlo M. Identity by descent fine mapping of familial adult myoclonus epilepsy (FAME) to 2p11.2-2q11.2. *Hum Genet*. 2016 Oct;135(10):1117-25. doi: 10.1007/s00439-016-1700-8. Epub 2016 Jul 1. PubMed PMID: 27368338.

103: Kowitzke B, Cohrs G, Leuschner I, Koch A, Synowitz M, Mehdorn HM, Held-Feindt J, Knerlich-Lukoschus F. Cellular Profiles and Molecular Mediators of Lesion Cascades in the Placode in Human Open Spinal Neural Tube Defects. *J Neuropathol Exp Neurol*. 2016 Sep;75(9):827-42. doi: 10.1093/jnen/nlw057. Epub 2016 Jun 28. PubMed PMID: 27354486.

104: Gormley P, Anttila V, Winsvold BS, Palta P, Esko T, Pers TH, Farh KH, Cuenca-Leon E, Muona M, Furlotte NA, Kurth T, Ingason A, McMahon G, Ligthart L, Terwindt GM, Kallela M, Freilinger TM, Ran C, Gordon SG, Stam AH, Steinberg S, Borck G, Koiranen M, Quaye L, Adams HH, Lehtimäki T, Sarin AP, Wedenoja J, Hinds DA, Buring JE, Schürks M, Ridker PM, Hrafnisdottir MG, Stefansson H, Ring SM, Hottenga JJ, Penninx BW, Färkkilä M, Artto V, Kaunisto M, Vepsäläinen S, Malik R, Heath AC, Madden PA, Martin NG, Montgomery GW, Kurki MI, Kals M, Mägi R, Pärn K, Hämäläinen E, Huang H, Byrnes AE, Franke L, Huang J, Stergiakouli E, Lee PH, Sandor C, Webber C, Cader Z, Muller-Myhsok B, Schreiber S, Meitinger T, Eriksson JG, Salomaa V, Heikkilä K, Loehrer E, Uitterlinden AG, Hofman A, van Duijn CM, Cherkas L, Pedersen LM, Stubhaug A, Nielsen CS, Männikkö M, Mihailov E, Milani L, Göbel H, Esserlind

AL, Christensen AF, Hansen TF, Werge T; International Headache Genetics Consortium, Kaprio J, Aromaa AJ, Raitakari O, Ikram MA, Spector T, Järvelin MR, Metspalu A, Kubisch C, Strachan DP, Ferrari MD, Belin AC, Dichgans M, Wessman M, van den Maagdenberg AM, Zwart JA, Boomsma DI, Smith GD, Stefansson K, Eriksson N, Daly MJ, Neale BM, Olesen J, Chasman DI, Nyholt DR, Palotie A. Meta-analysis of 375,000 individuals identifies 38 susceptibility loci for migraine. *Nat Genet.* 2016 Aug;48(8):856-66. doi: 10.1038/ng.3598. Epub 2016 Jun 20. Erratum in: *Nat Genet.* 2016 Sep 28;48(10):1296. PubMed PMID: 27322543; PubMed Central PMCID: PMC5331903.

105: Szulzewsky F, Arora S, de Witte L, Ulas T, Markovic D, Schultze JL, Holland EC, Synowitz M, Wolf SA, Kettenmann H. Human glioblastoma-associated microglia/monocytes express a distinct RNA profile compared to human control and murine samples. *Glia.* 2016 Aug;64(8):1416-36. doi: 10.1002/glia.23014. PubMed PMID: 27312099.

106: Becker J, Jehna M, Steinmann E, Mehdorn HM, Synowitz M, Hartwigsen G. The sensory-motor profile awake-A new tool for pre-, intra-, and postoperative assessment of sensory-motor function. *Clin Neurol Neurosurg.* 2016 Aug;147:39-45. doi: 10.1016/j.clineuro.2016.05.022. Epub 2016 May 24. PubMed PMID: 27276340.

107: Blanck O, Masi L, Chan MK, Adamczyk S, Albrecht C, Damme MC, Loutfi-Krauss B, Alraun M, Fehr R, Ramm U, Siebert FA, Stelljes TS, Poppinga D, Poppe B. High resolution ion chamber array delivery quality assurance for robotic radiosurgery: Commissioning and validation. *Phys Med.* 2016 Jun;32(6):838-46. doi: 10.1016/j.ejmp.2016.05.060. Epub 2016 May 27. PubMed PMID: 27245301.

108: Rieber J, Streblow J, Uhlmann L, Flentje M, Duma M, Ernst I, Blanck O, Wittig A, Boda-Heggemann J, Krempien R, Lohaus F, Klass ND, Eble MJ, Imhoff D, Kahl H, Petersen C, Gerum S, Henkenberens C, Adebahr S, Hass P, Schrade E, Wendt TG, Hildebrandt G, Andratschke N, Sterzing F, Guckenberger M. Stereotactic body radiotherapy (SBRT) for medically inoperable lung metastases-A pooled analysis of the German working group "stereotactic radiotherapy". *Lung Cancer.* 2016 Jul;97:51-8. doi: 10.1016/j.lungcan.2016.04.012. Epub 2016 Apr 26. PubMed PMID: 27237028.

109: Andratschke N, Parys A, Stadtfeld S, Wurster S, Huttenlocher S, Imhoff D, Yildirim M, Rades D, Rödel CM, Dunst J, Hildebrandt G, Blanck O. Clinical results of mean GTV dose optimized robotic guided SBRT for liver metastases. *Radiat Oncol.* 2016 May 28;11:74. doi: 10.1186/s13014-016-0652-4. PubMed PMID: 27236333; PubMed Central PMCID: PMC4884398.

110: Lang N, Lange M, Schmitt FC, Bös M, Weber Y, Evers S, Burghaus L, Kellinghaus C, Schubert-Bast S, Bösel J, Lammers T, Sabolek M, van Baalen A, Dziewas R, Kraft A, Ruf S, Stephani U. Intravenous lacosamide in clinical practice-Results from an independent registry. *Seizure.* 2016 Jul;39:5-9. doi: 10.1016/j.seizure.2016.01.008. Epub 2016 Jan 12. PubMed PMID: 27161669.

111: Becker J, Jehna M, Larsen N, Synowitz M, Hartwigsen G. Glioblastoma in hemihydranencephaly: preoperative and postoperative language ability of the right hemisphere. *Acta Neurochir (Wien).* 2016 Jul;158(7):1317-23. doi: 10.1007/s00701-016-2825-1. Epub 2016 May 5. PubMed PMID: 27147519.

112: Chitadze G, Lettau M, Luecke S, Wang T, Janssen O, Fürst D, Mytilineos J, Wesch D, Oberg HH, Held-Feindt J, Kabelitz D. NKG2D- and T-cell receptor-dependent lysis of malignant glioma cell lines by human $\gamma\delta$ T cells: Modulation by temozolomide and A disintegrin and metalloproteases 10 and 17 inhibitors. *Oncoimmunology.* 2015 Dec 10;5(4):e1093276. eCollection 2016 Apr. PubMed PMID: 27141377; PubMed Central PMCID: PMC4839372.

113: Zhang R, Loers G, Schachner M, Boelens R, Wienk H, Siebert S, Eckert T, Kraan S, Rojas-Macias MA, Lütteke T, Galuska SP, Scheidig A, Petridis AK, Liang S, Billeter M, Schauer R, Steinmeyer J,

- Schröder JM, Siebert HC. Molecular Basis of the Receptor Interactions of Polysialic Acid (polySia), polySia Mimetics, and Sulfated Polysaccharides. *ChemMedChem*. 2016 May 6;11(9):990-1002. doi: 10.1002/cmdc.201500609. Epub 2016 May 2. PubMed PMID: 27136597.
- 114: Drachsler M, Kleber S, Mateos A, Volk K, Mohr N, Chen S, Cirovic B, Tüttenberg J, Gieffers C, Sykora J, Wirtz CR, Mueller W, Synowitz M, Martin-Villalba A. CD95 maintains stem cell-like and non-classical EMT programs in primary human glioblastoma cells. *Cell Death Dis*. 2016 Apr 28;7:e2209. doi: 10.1038/cddis.2016.102. PubMed PMID: 27124583; PubMed Central PMCID: PMC4855647.
- 115: a Dzaye OD, Hu F, Derkow K, Haage V, Euskirchen P, Harms C, Lehnardt S, Synowitz M, Wolf SA, Kettenmann H. Glioma Stem Cells but Not Bulk Glioma Cells Upregulate IL-6 Secretion in Microglia/Brain Macrophages via Toll-like Receptor 4 Signaling. *J Neuropathol Exp Neurol*. 2016 May;75(5):429-40. doi: 10.1093/jnen/nlw016. Epub 2016 Mar 30. PubMed PMID: 27030742; PubMed Central PMCID: PMC5009477.
- 116: Kühl C, Frey N, Frank D. Recent Developments and Controversies in the Treatment of Resistant Hypertension. *Exp Clin Endocrinol Diabetes*. 2016 Mar;124(3):178-86. doi: 10.1055/s-0042-100912. Epub 2016 Mar 23. Review. PubMed PMID: 27008634.
- 117: Mehdorn HM. Deep brain stimulation for dystonia: review of the literature. *J Neurosurg Sci*. 2016 Jun;60(2):199-210. Epub 2016 Mar 15. Review. PubMed PMID: 26977634.
- 118: Klement RJ, Allgäuer M, Andratschke N, Blanck O, Boda-Heggemann J, Dieckmann K, Duma M, Ernst I, Flentje M, Ganswindt U, Hass P, Henkenberens C, Imhoff D, Kahl HK, Krempien R, Lohaus F, Nestle U, Nevinny-Stickel M, Petersen C, Schmitt V, Semrau S, Sterzing F, Streblov J, Wendt TG, Wittig A, Guckenberger M. Bayesian Cure Rate Modeling of Local Tumor Control: Evaluation in Stereotactic Body Radiation Therapy for Pulmonary Metastases. *Int J Radiat Oncol Biol Phys*. 2016 Mar 15;94(4):841-9. doi: 10.1016/j.ijrobp.2015.12.004. Epub 2015 Dec 15. PubMed PMID: 26972657.
- 119: Oertel WH, Deuschl G, Eggert K. [The Competence Network Parkinson (CNP)]. *Bundesgesundheitsblatt Gesundheitsforschung Gesundheitsschutz*. 2016 Apr;59(4):420-9. doi: 10.1007/s00103-016-2312-0. German. PubMed PMID: 26961981.
- 120: Rivera B, Gayden T, Carrot-Zhang J, Nadaf J, Boshari T, Faury D, Zeinieh M, Blanc R, Burk DL, Fahiminiya S, Bareke E, Schüller U, Monoranu CM, Sträter R, Kerl K, Niederstadt T, Kurlemann G, Ellezam B, Michalak Z, Thom M, Lockhart PJ, Leventer RJ, Ohm M, MacGregor D, Jones D, Karamchandani J, Greenwood CM, Berghuis AM, Bens S, Siebert R, Zakrzewska M, Liberski PP, Zakrzewski K, Sisodiya SM, Paulus W, Albrecht S, Hasselblatt M, Jabado N, Foulkes WD, Majewski J. Germline and somatic FGFR1 abnormalities in dysembryoplastic neuroepithelial tumors. *Acta Neuropathol*. 2016 Jun;131(6):847-63. doi: 10.1007/s00401-016-1549-x. Epub 2016 Feb 26. PubMed PMID: 26920151; PubMed Central PMCID: PMC5039033.
- 121: Doukas A, Tallo A, Parvin R, Hans V, Daemi P, Cheko A, Scholz M, Petridis AK. Giant Dural Supratentorial Chondroma Generating the Question of How Large Can a Tumor Become Without Revealing Itself. *Clin Pract*. 2015 Dec 29;5(4):777. doi: 10.4081/cp.2015.777. eCollection 2015 Nov 5. PubMed PMID: 26918096; PubMed Central PMCID: PMC4745590.
- 122: Arnold P, Rickert U, Helmers AK, Spreu J, Schneppenheim J, Lucius R. Trefoil factor 3 shows anti-inflammatory effects on activated microglia. *Cell Tissue Res*. 2016 Jul;365(1):3-11. doi: 10.1007/s00441-016-2370-5. Epub 2016 Feb 22. PubMed PMID: 26899249.
- 123: Howard G, Roubin GS, Jansen O, Hendrikse J, Halliday A, Fraedrich G, Eckstein HH, Calvet D, Bulbulia R, Bonati LH, Becquemin JP, Algra A, Brown MM, Ringleb PA, Brott TG, Mas JL; Carotid Stenting

Trialists' Collaboration. Association between age and risk of stroke or death from carotid endarterectomy and carotid stenting: a meta-analysis of pooled patient data from four randomised trials. *Lancet*. 2016 Mar 26;387(10025):1305-11. doi: 10.1016/S0140-6736(15)01309-4. Epub 2016 Feb 12. Erratum in: *Lancet*. 2016 Mar 26;387(10025):1276. PubMed PMID: 26880122.

124: Becker J, Steinmann E, Könemann M, Gabske S, Mehdorn HM, Synowitz M, Hartwigsen G, Goebel S. Cognitive screening in patients with intracranial tumors: validation of the BCSE. *J Neurooncol*. 2016 May;127(3):559-67. doi: 10.1007/s11060-016-2064-6. Epub 2016 Feb 1. PubMed PMID: 26830092.

125: Flüh C, Hattermann K, Mehdorn HM, Synowitz M, Held-Feindt J. Differential expression of CXCR4 and CXCR7 with various stem cell markers in paired human primary and recurrent glioblastomas. *Int J Oncol*. 2016 Apr;48(4):1408-16. doi: 10.3892/ijo.2016.3354. Epub 2016 Jan 25. PubMed PMID: 26821357.

126: Hassouna I, Ott C, Wüstefeld L, Offen N, Neher RA, Mitkovski M, Winkler D, Sperling S, Fries L, Goebbels S, Vreja IC, Hagemeyer N, Dittrich M, Rossetti MF, Kröhnert K, Hanneke K, Boretius S, Zeug A, Höschen C, Dandekar T, Dere E, Neher E, Rizzoli SO, Nave KA, Sirén AL, Ehrenreich H. Revisiting adult neurogenesis and the role of erythropoietin for neuronal and oligodendroglial differentiation in the hippocampus. *Mol Psychiatry*. 2016 Dec;21(12):1752-1767. doi: 10.1038/mp.2015.212. Epub 2016 Jan 26. PubMed PMID: 26809838; PubMed Central PMCID: PMC5193535.

127: Klionsky DJ, Abdelmohsen K, Abe A, Abedin MJ, Abeliovich H, Acevedo Arozena A, Adachi H, Adams CM, Adams PD, Adeli K, Adihetty PJ, Adler SG, Agam G, Agarwal R, Aghi MK, Agnello M, Agostinis P, Aguilar PV, Aguirre-Ghiso J, Airolidi EM, Ait-Si-Ali S, Akematsu T, Akporiaye ET, Al-Rubeai M, Albaiceta GM, Albanese C, Albani D, Albert ML, Aldudo J, Algül H, Alirezaei M, Alloza I, Almasan A, Almonte-Beceril M, Alnemri ES, Alonso C, Altan-Bonnet N, Altieri DC, Alvarez S, Alvarez-Erviti L, Alves S, Amadoro G, Amano A, Amantini C, Ambrosio S, Amelio I, Amer AO, Amessou M, Amon A, An Z, Anania FA, Andersen SU, Andley UP, Andreadi CK, Andrieu-Abadie N, Anel A, Ann DK, Anoopkumar-Dukie S, Antonioli M, Aoki H, Apostolova N, Aquila S, Aquilano K, Araki K, Arama E, Aranda A, Araya J, Arcaro A, Arias E, Arimoto H, Ariosa AR, Armstrong JL, Arnould T, Arsov I, Asanuma K, Askanas V, Asselin E, Atarashi R, Atherton SS, Atkin JD, Attardi LD, Auburger P, Auburger G, Aurelian L, Autelli R, Avagliano L, Avantiaggiati ML, Avrahami L, Awale S, Azad N, Bachetti T, Backer JM, Bae DH, Bae JS, Bae ON, Bae SH, Baehrecke EH, Baek SH, Baghdiguian S, Bagniewska-Zadworna A, Bai H, Bai J, Bai XY, Bailly Y, Balaji KN, Balduini W, Ballabio A, Balzan R, Banerjee R, Bánhegyi G, Bao H, Barbeau B, Barrachina MD, Barreiro E, Bartel B, Bartolomé A, Bassham DC, Bassi MT, Bast RC Jr, Basu A, Batista MT, Batoko H, Battino M, Bauckman K, Baumgarner BL, Bayer KU, Beale R, Beaulieu JF, Beck GR Jr, Becker C, Beckham JD, Bédard PA, Bednarski PJ, Begley TJ, Behl C, Behrends C, Behrens GM, Behrns KE, Bejarano E, Belaid A, Belleudi F, Bénard G, Berchem G, Bergamaschi D, Bergami M, Berkhout B, Berliocchi L, Bernard A, Bernard M, Bernassola F, Bertolotti A, Bess AS, Besteiro S, Bettuzzi S, Bhalla S, Bhattacharyya S, Bhutia SK, Biagosch C, Bianchi MW, Biard-Piechaczyk M, Billes V, Bincoletto C, Bingol B, Bird SW, Bitoun M, Bjedov I, Blackstone C, Blanc L, Blanco GA, Blomhoff HK, Boada-Romero E, Böckler S, Boes M, Boesze-Battaglia K, Boise LH, Bolino A, Boman A, Bonaldo P, Bordi M, Bosch J, Botana LM, Botti J, Bou G, Bouché M, Bouche-careilh M, Boucher MJ, Boulton ME, Bouret SG, Boya P, Boyer-Guittaut M, Bozhkov PV, Brady N, Braga VM, Brancolini C, Braus GH, Bravo-San Pedro JM, Brennan LA, Bresnick EH, Brest P, Bridges D, Bringer MA, Brini M, Brito GC, Brodin B, Brookes PS, Brown EJ, Brown K, Broxmeyer HE, Bruhat A, Brum PC, Brumell JH, Brunetti-Pierri N, Bryson-Richardson RJ, Buch S, Buchan AM, Budak H, Bulavin DV, Bultman SJ, Bultynck G, Bumbasirevic V, Burelle Y, Burke RE, Burmeister M, Bütikofer P, Caberlotto L, Cadwell K, Cahova M, Cai D, Cai J, Cai Q, Calatayud S, Camougrand N, Campanella M, Campbell GR, Campbell M, Campello S, Candau R, Caniggia I, Cantoni L, Cao L, Caplan AB, Caraglia M, Cardinali C, Cardoso SM, Carew JS, Carleton LA, Carlin CR, Carloni S, Carlsson SR, Carmona-Gutierrez D, Carneiro LA, Carnevali O, Carra S, Carrier A, Carroll B, Casas C, Casas J, Cassinelli G, Castets P, Castro-Obregon S, Cavallini G, Ceccherini I, Cecconi

F, Cederbaum AI, Ceña V, Cenci S, Cerella C, Cervia D, Cetrullo S, Chaachouay H, Chae HJ, Chagin AS, Chai CY, Chakrabarti G, Chamilos G, Chan EY, Chan MT, Chandra D, Chandra P, Chang CP, Chang RC, Chang TY, Chatham JC, Chatterjee S, Chauhan S, Che Y, Cheetham ME, Cheluvappa R, Chen CJ, Chen G, Chen GC, Chen G, Chen H, Chen JW, Chen JK, Chen M, Chen M, Chen P, Chen Q, Chen Q, Chen SD, Chen S, Chen SS, Chen W, Chen WJ, Chen WQ, Chen W, Chen X, Chen YH, Chen YG, Chen Y, Chen Y, Chen Y, Chen YJ, Chen YQ, Chen Y, Chen Z, Chen Z, Cheng A, Cheng CH, Cheng H, Cheong H, Cherry S, Chesney J, Cheung CH, Chevet E, Chi HC, Chi SG, Chiacchiera F, Chiang HL, Chiarelli R, Chiariello M, Chieppa M, Chin LS, Chiong M, Chiu GN, Cho DH, Cho SG, Cho WC, Cho YY, Cho YS, Choi AM, Choi EJ, Choi EK, Choi J, Choi ME, Choi SI, Chou TF, Chouaib S, Choubey D, Choubey V, Chow KC, Chowdhury K, Chu CT, Chuang TH, Chun T, Chung H, Chung T, Chung YL, Chwae YJ, Cianfanelli V, Ciarcia R, Ciechomska IA, Ciriolo MR, Cirone M, Claerhout S, Clague MJ, Clària J, Clarke PG, Clarke R, Clementi E, Cleyrat C, Cnop M, Coccia EM, Cocco T, Codogno P, Coers J, Cohen EE, Colecchia D, Coletto L, Coll NS, Colucci-Guyon E, Comincini S, Condello M, Cook KL, Coombs GH, Cooper CD, Cooper JM, Coppens I, Corasaniti MT, Corazzari M, Corbalan R, Corcelle-Termeau E, Cordero MD, Corral-Ramos C, Corti O, Cossarizza A, Costelli P, Costes S, Cotman SL, Coto-Montes A, Cottet S, Couve E, Covey LR, Cowart LA, Cox JS, Coxon FP, Coyne CB, Cragg MS, Craven RJ, Crepaldi T, Crespo JL, Criollo A, Crippa V, Cruz MT, Cuervo AM, Cuezva JM, Cui T, Cutillas PR, Czaja MJ, Czyzyk-Krzeska MF, Dagda RK, Dahmen U, Dai C, Dai W, Dai Y, Dalby KN, Dalla Valle L, Dalmasso G, D'Amelio M, Damme M, Darfeuille-Michaud A, Dargemont C, Darley-Usmar VM, Dasarathy S, Dasgupta B, Dash S, Dass CR, Davey HM, Davids LM, Dávila D, Davis RJ, Dawson TM, Dawson VL, Daza P, de Belleruche J, de Figueiredo P, de Figueiredo RC, de la Fuente J, De Martino L, De Matteis A, De Meyer GR, De Milito A, De Santi M, de Souza W, De Tata V, De Zio D, Debnath J, Dechant R, Decuypere JP, Deegan S, Dehay B, Del Bello B, Del Re DP, Delage-Mourroux R, Delbridge LM, Deldicque L, Delorme-Axford E, Deng Y, Dengjel J, Denizot M, Dent P, Der CJ, Deretic V, Derrien B, Deutsch E, Devarenne TP, Devenish RJ, Di Bartolomeo S, Di Daniele N, Di Domenico F, Di Nardo A, Di Paola S, Di Pietro A, Di Renzo L, DiAntonio A, Díaz-Araya G, Díaz-Laviada I, Diaz-Meco MT, Diaz-Nido J, Dickey CA, Dickson RC, Diederich M, Digard P, Dikic I, Dinesh-Kumar SP, Ding C, Ding WX, Ding Z, Dini L, Distler JH, Diwan A, Djavaheri-Mergny M, Dmytruk K, Dobson RC, Doetsch V, Dokladny K, Dokudovskaya S, Donadelli M, Dong XC, Dong X, Dong Z, Donohue TM Jr, Doran KS, D'Orazi G, Dorn GW 2nd, Dosenko V, Dridi S, Drucker L, Du J, Du LL, Du L, du Toit A, Dua P, Duan L, Duann P, Dubey VK, Duchen MR, Duchosal MA, Duez H, Dugail I, Dumit VI, Duncan MC, Dunlop EA, Dunn WA Jr, Dupont N, Dupuis L, Durán RV, Durcan TM, Duvezin-Caubet S, Duvvuri U, Eapen V, Ebrahimi-Fakhari D, Echard A, Eckhart L, Edelstein CL, Edinger AL, Eichinger L, Eisenberg T, Eisenberg-Lerner A, Eissa NT, El-Deiry WS, El-Khoury V, Elazar Z, Eldar-Finkelman H, Elliott CJ, Emanuele E, Emmenegger U, Engedal N, Engelbrecht AM, Engelender S, Enserink JM, Erdmann R, Erenpreisa J, Eri R, Eriksen JL, Erman A, Escalante R, Eskelinen EL, Espert L, Esteban-Martínez L, Evans TJ, Fabri M, Fabrias G, Fabrizi C, Facchiano A, Færgeman NJ, Faggioni A, Fairlie WD, Fan C, Fan D, Fan J, Fang S, Fanto M, Fanzani A, Farkas T, Faure M, Favier FB, Fearnhead H, Federici M, Fei E, Felizardo TC, Feng H, Feng Y, Feng Y, Ferguson TA, Fernández ÁF, Fernandez-Barrena MG, Fernandez-Checa JC, Fernández-López A, Fernandez-Zapico ME, Feron O, Ferraro E, Ferreira-Halder CV, Fesus L, Feuer R, Fiesel FC, Filippi-Chiela EC, Filomeni G, Fimia GM, Fingert JH, Finkbeiner S, Finkel T, Fiorito F, Fisher PB, Flajolet M, Flamigni F, Florey O, Florio S, Floto RA, Folini M, Follo C, Fon EA, Fornai F, Fortunato F, Fraldi A, Franco R, Francois A, François A, Frankel LB, Fraser ID, Frey N, Freyssenet DG, Frezza C, Friedman SL, Frigo DE, Fu D, Fuentes JM, Fueyo J, Fujitani Y, Fujiwara Y, Fujiya M, Fukuda M, Fulda S, Fusco C, Gabryel B, Gaestel M, Gailly P, Gajewska M, Galadari S, Galili G, Galindo I, Galindo MF, Galliciotti G, Galluzzi L, Galluzzi L, Galy V, Gammoh N, Gandy S, Ganesan AK, Ganesan S, Ganley IG, Gannagé M, Gao FB, Gao F, Gao JX, García Nannig L, García Vescovi E, Garcia-Macía M, Garcia-Ruiz C, Garg AD, Garg PK, Gargini R, Gassen NC, Gatica D, Gatti E, Gavard J, Gavathiotis E, Ge L, Ge P, Ge S, Gean PW, Gelmetti V, Genazzani AA, Geng J, Genschik P, Gerner L, Gestwicki JE, Gewirtz DA, Ghavami S, Ghigo E, Ghosh D, Giammarioli AM, Giampieri F, Giampietri C, Giatromanolaki A, Gibbings DJ, Gibellini L, Gibson SB, Ginet V, Giordano A, Giorgini F, Giovannetti E, Girardin SE, Gispert S, Giuliano S, Gladson CL, Glavic A, Gleave M, Godefroy N, Gogal RM Jr, Gokulan

K, Goldman GH, Goletti D, Goligorsky MS, Gomes AV, Gomes LC, Gomez H, Gomez-Manzano C, Gómez-Sánchez R, Gonçalves DA, Goncu E, Gong Q, Gongora C, Gonzalez CB, Gonzalez-Alegre P, Gonzalez-Cabo P, González-Polo RA, Goping IS, Gorbea C, Gorbunov NV, Goring DR, Gorman AM, Gorski SM, Goruppi S, Goto-Yamada S, Gotor C, Gottlieb RA, Gozes I, Gozuacik D, Graba Y, Graef M, Granato GE, Grant GD, Grant S, Gravina GL, Green DR, Greenhough A, Greenwood MT, Grimaldi B, Gros F, Grose C, Groulx JF, Gruber F, Grumati P, Grune T, Guan JL, Guan KL, Guerra B, Guillen C, Gulshan K, Gunst J, Guo C, Guo L, Guo M, Guo W, Guo XG, Gust AA, Gustafsson ÅB, Gutierrez E, Gutierrez MG, Gwak HS, Haas A, Haber JE, Hadano S, Hagedorn M, Hahn DR, Halayko AJ, Hamacher-Brady A, Hamada K, Hamai A, Hamann A, Hamasaki M, Hamer I, Hamid Q, Hammond EM, Han F, Han W, Handa JT, Hanover JA, Hansen M, Harada M, Harhaji-Trajkovic L, Harper JW, Harrath AH, Harris AL, Harris J, Hasler U, Hasselblatt P, Hasui K, Hawley RG, Hawley TS, He C, He CY, He F, He G, He RR, He XH, He YW, He YY, Heath JK, Hébert MJ, Heinzen RA, Helgason GV, Hensel M, Henske EP, Her C, Herman PK, Hernández A, Hernandez C, Hernández-Tiedra S, Hetz C, Hiesinger PR, Higaki K, Hilfiker S, Hill BG, Hill JA, Hill WD, Hino K, Hofius D, Hofman P, Höglinger GU, Höhfeld J, Holz MK, Hong Y, Hood DA, Hoozemans JJ, Hoppe T, Hsu C, Hsu CY, Hsu LC, Hu D, Hu G, Hu HM, Hu H, Hu MC, Hu YC, Hu ZW, Hua F, Hua Y, Huang C, Huang HL, Huang KH, Huang KY, Huang S, Huang S, Huang WP, Huang YR, Huang Y, Huang Y, Huber TB, Huebbe P, Huh WK, Hulmi JJ, Hur GM, Hurley JH, Husak Z, Hussain SN, Hussain S, Hwang JJ, Hwang S, Hwang TI, Ichihara A, Imai Y, Imbriano C, Inomata M, Into T, Iovane V, Iovanna JL, Iozzo RV, Ip NY, Irazoqui JE, Iribarren P, Isaka Y, Isakovic AJ, Ischiropoulos H, Isenberg JS, Ishaq M, Ishida H, Ishii I, Ishmael JE, Isidoro C, Isobe K, Isono E, Issazadeh-Navikas S, Itahana K, Itakura E, Ivanov AI, Iyer AK, Izquierdo JM, Izumi Y, Izzo V, Jäättelä M, Jaber N, Jackson DJ, Jackson WT, Jacob TG, Jacques TS, Jagannath C, Jain A, Jana NR, Jang BK, Jani A, Janji B, Jannig PR, Jansson PJ, Jean S, Jendrach M, Jeon JH, Jessen N, Jeung EB, Jia K, Jia L, Jiang H, Jiang H, Jiang L, Jiang T, Jiang X, Jiang X, Jiang X, Jiang Y, Jiang Y, Jiménez A, Jin C, Jin H, Jin L, Jin M, Jin S, Jinwal UK, Jo EK, Johansen T, Johnson DE, Johnson GV, Johnson JD, Jonasch E, Jones C, Joosten LA, Jordan J, Joseph AM, Joseph B, Joubert AM, Ju D, Ju J, Juan HF, Juenemann K, Juhász G, Jung HS, Jung JU, Jung YK, Jungbluth H, Justice MJ, Jutten B, Kaakoush NO, Kaarniranta K, Kaasik A, Kabuta T, Kaeffer B, Kågedal K, Kahana A, Kajimura S, Kakhlon O, Kalia M, Kalvakolanu DV, Kamada Y, Kambas K, Kaminsky VO, Kampinga HH, Kandouz M, Kang C, Kang R, Kang TC, Kanki T, Kanneganti TD, Kanno H, Kanthasamy AG, Kantorow M, Kaparakis-Liaskos M, Kapuy O, Karantza V, Karim MR, Karmakar P, Kaser A, Kaushik S, Kawula T, Kaynar AM, Ke PY, Ke ZJ, Kehrl JH, Keller KE, Kemper JK, Kenworthy AK, Kepp O, Kern A, Kesari S, Kessel D, Ketteler R, Kettelhut Ido C, Khambu B, Khan MM, Khandelwal VK, Khare S, Kiang JG, Kiger AA, Kihara A, Kim AL, Kim CH, Kim DR, Kim DH, Kim EK, Kim HY, Kim HR, Kim JS, Kim JH, Kim JC, Kim JH, Kim KW, Kim MD, Kim MM, Kim PK, Kim SW, Kim SY, Kim YS, Kim Y, Kimchi A, Kimmelman AC, Kimura T, King JS, Kirkegaard K, Kirkin V, Kirshenbaum LA, Kishi S, Kitajima Y, Kitamoto K, Kitaoka Y, Kitazato K, Kley RA, Klimecki WT, Klinkenberg M, Klucken J, Knævelsrud H, Knecht E, Knuppertz L, Ko JL, Kobayashi S, Koch JC, Koechlin-Ramonatxo C, Koenig U, Koh YH, Köhler K, Kohlwein SD, Koike M, Komatsu M, Kominami E, Kong D, Kong HJ, Konstantakou EG, Kopp BT, Korcsmaros T, Korhonen L, Korolchuk VI, Koshkina NV, Kou Y, Koukourakis MI, Koumenis C, Kovács AL, Kovács T, Kovacs WJ, Koya D, Kraft C, Krainc D, Kramer H, Kravic-Stevovic T, Krek W, Kretz-Remy C, Krick R, Krishnamurthy M, Kriston-Vizi J, Kroemer G, Kruer MC, Kruger R, Ktistakis NT, Kuchitsu K, Kuhn C, Kumar AP, Kumar A, Kumar A, Kumar D, Kumar D, Kumar R, Kumar S, Kundu M, Kung HJ, Kuno A, Kuo SH, Kuret J, Kurz T, Kwok T, Kwon TK, Kwon YT, Kyrmizi I, La Spada AR, Lafont F, Lahm T, Lakkaraju A, Lam T, Lamark T, Lancel S, Landowski TH, Lane DJ, Lane JD, Lanzi C, Lapaquette P, Lapierre LR, Laporte J, Laukkanen J, Laurie GW, Lavandero S, Lavie L, LaVoie MJ, Law BY, Law HK, Law KB, Layfield R, Lazo PA, Le Cam L, Le Roch KG, Le Stunff H, Leardkamolkarn V, Lecuit M, Lee BH, Lee CH, Lee EF, Lee GM, Lee HJ, Lee H, Lee JK, Lee J, Lee JH, Lee JH, Lee M, Lee MS, Lee PJ, Lee SW, Lee SJ, Lee SJ, Lee SY, Lee SH, Lee SS, Lee SJ, Lee S, Lee YR, Lee YJ, Lee YH, Leeuwenburgh C, Lefort S, Legouis R, Lei J, Lei QY, Leib DA, Leibowitz G, Lekli I, Lemaire SD, Lemasters JJ, Lemberg MK, Lemoine A, Leng S, Lenz G, Lenzi P, Lerman LO, Lettieri Barbato D, Leu JI, Leung HY, Levine B, Lewis PA, Lezoualc'h F, Li C, Li F, Li FJ, Li J, Li K, Li L, Li M, Li M, Li Q, Li R, Li S, Li W, Li W, Li X, Li Y, Lian J, Liang C, Liang Q, Liao Y, Liberal J, Liberski PP, Lie P,

Lieberman AP, Lim HJ, Lim KL, Lim K, Lima RT, Lin CS, Lin CF, Lin F, Lin F, Lin FC, Lin K, Lin KH, Lin PH, Lin T, Lin WW, Lin YS, Lin Y, Linden R, Lindholm D, Lindqvist LM, Lingor P, Linkermann A, Liotta LA, Lipinski MM, Lira VA, Lisanti MP, Liton PB, Liu B, Liu C, Liu CF, Liu F, Liu HJ, Liu J, Liu JJ, Liu JL, Liu K, Liu L, Liu L, Liu Q, Liu RY, Liu S, Liu S, Liu W, Liu XD, Liu X, Liu XH, Liu X, Liu X, Liu X, Liu Y, Liu Y, Liu Z, Liu Z, Liuzzi JP, Lizard G, Ljujic M, Lodhi IJ, Logue SE, Lokeshwar BL, Long YC, Lonial S, Loos B, López-Otín C, López-Vicario C, Lorente M, Lorenzi PL, Lőrincz P, Los M, Lotze MT, Lovat PE, Lu B, Lu B, Lu J, Lu Q, Lu SM, Lu S, Lu Y, Luciano F, Luckhart S, Lucocq JM, Ludovico P, Lugea A, Lukacs NW, Lum JJ, Lund AH, Luo H, Luo J, Luo S, Luparello C, Lyons T, Ma J, Ma Y, Ma Y, Ma Z, Machado J, Machado-Santelli GM, Macian F, MacIntosh GC, MacKeigan JP, Macleod KF, MacMicking JD, MacMillan-Crow LA, Madeo F, Madesh M, Madrigal-Matute J, Maeda A, Maeda T, Maegawa G, Maellaro E, Maes H, Magariños M, Maiese K, Maiti TK, Maiuri L, Maiuri MC, Maki CG, Malli R, Malorni W, Maloyan A, Mami-Chouaib F, Man N, Mancias JD, Mandelkow EM, Mandell MA, Manfredi AA, Manié SN, Manzoni C, Mao K, Mao Z, Mao ZW, Marambaud P, Marconi AM, Marelja Z, Marfe G, Margeta M, Margittai E, Mari M, Mariani FV, Marin C, Marinelli S, Mariño G, Markovic I, Marquez R, Martelli AM, Martens S, Martin KR, Martin SJ, Martin S, Martin-Acebes MA, Martín-Sanz P, Martinand-Mari C, Martinet W, Martinez J, Martinez-Lopez N, Martinez-Outschoorn U, Martínez-Velázquez M, Martinez-Vicente M, Martins WK, Mashima H, Matrianni JA, Matarese G, Matarrese P, Mateo R, Matoba S, Matsumoto N, Matsushita T, Matsuura A, Matsuzawa T, Mattson MP, Matus S, Maugeri N, Mauvezin C, Mayer A, Maysinger D, Mazzolini GD, McBrayer MK, McCall K, McCormick C, Mclnerney GM, Mclver SC, McKenna S, McMahan JJ, McNeish IA, Mehta-Grigoriou F, Medema JP, Medina DL, Megyeri K, Mehrpour M, Mehta JL, Mei Y, Meier UC, Meijer AJ, Meléndez A, Melino G, Melino S, de Melo EJ, Mena MA, Meneghini MD, Menendez JA, Menezes R, Meng L, Meng LH, Meng S, Menghini R, Menko AS, Menna-Barreto RF, Menon MB, Meraz-Ríos MA, Merla G, Merlini L, Merlot AM, Meryk A, Meschini S, Meyer JN, Mi MT, Miao CY, Micale L, Michaeli S, Michiels C, Migliaccio AR, Mihailidou AS, Mijaljica D, Mikoshiba K, Milan E, Miller-Fleming L, Mills GB, Mills IG, Minakaki G, Minassian BA, Ming XF, Minibayeva F, Minina EA, Mintern JD, Minucci S, Miranda-Vizuete A, Mitchell CH, Miyamoto S, Miyazawa K, Mizushima N, Mnich K, Mograbi B, Mohseni S, Moita LF, Molinari M, Molinari M, Møller AB, Mollereau B, Mollinedo F, Mongillo M, Monick MM, Montagnaro S, Montell C, Moore DJ, Moore MN, Mora-Rodriguez R, Moreira PI, Morel E, Morelli MB, Moreno S, Morgan MJ, Moris A, Moriyasu Y, Morrison JL, Morrison LA, Morselli E, Moscat J, Moseley PL, Mostowy S, Motori E, Mottet D, Mottram JC, Moussa CE, Mpakou VE, Mukhtar H, Mulcahy Levy JM, Muller S, Muñoz-Moreno R, Muñoz-Pinedo C, Münz C, Murphy ME, Murray JT, Murthy A, Mysorekar IU, Nabi IR, Nabissi M, Nader GA, Nagahara Y, Nagai Y, Nagata K, Nagelkerke A, Nagy P, Naidu SR, Nair S, Nakano H, Nakatogawa H, Nanjundan M, Napolitano G, Naqvi NI, Nardacci R, Narendra DP, Narita M, Nascimbeni AC, Natarajan R, Navegantes LC, Nawrocki ST, Nazarko TY, Nazarko VY, Neill T, Neri LM, Netea MG, Netea-Maier RT, Neves BM, Ney PA, Nezis IP, Nguyen HT, Nguyen HP, Nicot AS, Nilsen H, Nilsson P, Nishimura M, Nishino I, Niso-Santano M, Niu H, Nixon RA, Njar VC, Noda T, Noegel AA, Nolte EM, Norberg E, Norga KK, Noureini SK, Notomi S, Notterpek L, Nowikovsky K, Nukina N, Nürnberger T, O'Donnell VB, O'Donovan T, O'Dwyer PJ, Oehme I, Oeste CL, Ogawa M, Ogretmen B, Ogura Y, Oh YJ, Ohmuraya M, Ohshima T, Ojha R, Okamoto K, Okazaki T, Oliver FJ, Ollinger K, Olsson S, Orban DP, Ordonez P, Orhon I, Orosz L, O'Rourke EJ, Orozco H, Ortega AL, Ortona E, Osellame LD, Oshima J, Oshima S, Osiewacz HD, Otomo T, Otsu K, Ou JH, Outeiro TF, Ouyang DY, Ouyang H, Overholtzer M, Ozbun MA, Ozdinler PH, Ozpolat B, Pacelli C, Paganetti P, Page G, Pages G, Pagnini U, Pajak B, Pak SC, Pakos-Zebrucka K, Pakpour N, Palková Z, Palladino F, Pallauf K, Pallet N, Palmieri M, Paludan SR, Palumbo C, Palumbo S, Pampliega O, Pan H, Pan W, Panaretakis T, Pandey A, Pantazopoulou A, Papackova Z, Papademetrio DL, Papassideri I, Papini A, Parajuli N, Pardo J, Parekh VV, Parenti G, Park JJ, Park J, Park OK, Parker R, Parlato R, Parys JB, Parzych KR, Pasquet JM, Pasquier B, Pasumarthi KB, Patschan D, Patterson C, Pattingre S, Pattison S, Pause A, Pavenstädt H, Pavone F, Pedrozo Z, Peña FJ, Peñalva MA, Pende M, Peng J, Penna F, Penninger JM, Pensalfini A, Pepe S, Pereira GJ, Pereira PC, Pérez-de la Cruz V, Pérez-Pérez ME, Pérez-Rodríguez D, Pérez-Sala D, Perier C, Perl A, Perlmutter DH, Perrotta I, Pervaiz S, Pesonen M, Pessin JE, Peters GJ, Petersen M, Petrache I, Petrof BJ, Petrovski G, Phang JM, Piacentini M, Pierdominici M, Pierre P, Pierrefite-Carle V, Pietrocola F, Pimentel-Muiños FX,

Pinar M, Pineda B, Pinkas-Kramarski R, Pinti M, Pinton P, Piperdi B, Piret JM, Platanius LC, Platta HW, Plowey ED, Pöggeler S, Poirot M, Polčić P, Poletti A, Poon AH, Popelka H, Popova B, Poprawa I, Poulouse SM, Poulton J, Powers SK, Powers T, Pozuelo-Rubio M, Prak K, Prange R, Prescott M, Priault M, Prince S, Proia RL, Proikas-Cezanne T, Prokisch H, Promponas VJ, Przyklenk K, Puertollano R, Pugazhenthii S, Puglielli L, Pujol A, Puyal J, Pyeon D, Qi X, Qian WB, Qin ZH, Qiu Y, Qu Z, Quadrilatero J, Quinn F, Raben N, Rabinowich H, Radogna F, Ragusa MJ, Rahmani M, Raina K, Ramanadham S, Ramesh R, Rami A, Randall-Demllo S, Randow F, Rao H, Rao VA, Rasmussen BB, Rasse TM, Ratovitski EA, Rautou PE, Ray SK, Razani B, Reed BH, Reggiori F, Rehm M, Reichert AS, Rein T, Reiner DJ, Reits E, Ren J, Ren X, Renna M, Reusch JE, Revuelta JL, Reyes L, Rezaie AR, Richards RI, Richardson DR, Richetta C, Riehle MA, Rihn BH, Rikihisa Y, Riley BE, Rimbach G, Rippo MR, Ritis K, Rizzi F, Rizzo E, Roach PJ, Robbins J, Roberge M, Roca G, Roccheri MC, Rocha S, Rodrigues CM, Rodríguez CI, de Cordoba SR, Rodriguez-Muela N, Roelofs J, Rogov VV, Rohn TT, Rohrer B, Romanelli D, Romani L, Romano PS, Roncero MI, Rosa JL, Rosello A, Rosen KV, Rosenstiel P, Rost-Roszkowska M, Roth KA, Roué G, Rouis M, Rouschop KM, Ruan DT, Ruano D, Rubinsztein DC, Rucker EB 3rd, Rudich A, Rudolf E, Rudolf R, Ruegg MA, Ruiz-Roldan C, Ruparelia AA, Rusmini P, Russ DW, Russo GL, Russo G, Russo R, Rusten TE, Ryabovol V, Ryan KM, Ryter SW, Sabatini DM, Sacher M, Sachse C, Sack MN, Sadoshima J, Saftig P, Sagi-Eisenberg R, Sahni S, Saikumar P, Saito T, Saitoh T, Sakakura K, Sakoh-Nakatogawa M, Sakuraba Y, Salazar-Roa M, Salomoni P, Saluja AK, Salvaterra PM, Salvioli R, Samali A, Sanchez AM, Sánchez-Alcázar JA, Sanchez-Prieto R, Sandri M, Sanjuan MA, Santaguida S, Santambrogio L, Santoni G, Dos Santos CN, Saran S, Sardiello M, Sargent G, Sarkar P, Sarkar S, Sarrias MR, Sarwal MM, Sasakawa C, Sasaki M, Sass M, Sato K, Sato M, Satriano J, Savaraj N, Saveljeva S, Schaefer L, Schaible UE, Scharl M, Schatzl HM, Schekman R, Scheper W, Schiavi A, Schipper HM, Schmeisser H, Schmidt J, Schmitz I, Schneider BE, Schneider EM, Schneider JL, Schon EA, Schönenberger MJ, Schönthal AH, Schorderet DF, Schröder B, Schuck S, Schulze RJ, Schwarten M, Schwarz TL, Sciarretta S, Scotto K, Scovassi AI, Screatton RA, Screen M, Seca H, Sedej S, Segatori L, Segev N, Seglen PO, Seguí-Simarro JM, Segura-Aguilar J, Seki E, Sell C, Seiliez I, Semenkovich CF, Semenza GL, Sen U, Serra AL, Serrano-Puebla A, Sesaki H, Setoguchi T, Settembre C, Shacka JJ, Shajahan-Haq AN, Shapiro IM, Sharma S, She H, Shen CK, Shen CC, Shen HM, Shen S, Shen W, Sheng R, Sheng X, Sheng ZH, Shepherd TG, Shi J, Shi Q, Shi Q, Shi Y, Shibutani S, Shibuya K, Shidoji Y, Shieh JJ, Shih CM, Shimada Y, Shimizu S, Shin DW, Shinohara ML, Shintani M, Shintani T, Shioi T, Shirabe K, Shiri-Sverdlov R, Shirihai O, Shore GC, Shu CW, Shukla D, Sibirny AA, Sica V, Sigurdson CJ, Sigurdsson EM, Sijwali PS, Sikorska B, Silveira WA, Silvente-Poirot S, Silverman GA, Simak J, Simmet T, Simon AK, Simon HU, Simone C, Simons M, Simonsen A, Singh R, Singh SV, Singh SK, Sinha D, Sinha S, Sinicrope FA, Sirko A, Sirohi K, Sishi BJ, Sittler A, Siu PM, Sivridis E, Skwarska A, Slack R, Slaninová I, Slavov N, Smaili SS, Smalley KS, Smith DR, Soenen SJ, Soleimanpour SA, Solhaug A, Somasundaram K, Son JH, Sonawane A, Song C, Song F, Song HK, Song JX, Song W, Soo KY, Sood AK, Soong TW, Soontornniyomkij V, Sorice M, Sotgia F, Soto-Pantoja DR, Sotthibundhu A, Sousa MJ, Spaink HP, Span PN, Spang A, Sparks JD, Speck PG, Spector SA, Spies CD, Springer W, Clair DS, Stacchiotti A, Staels B, Stang MT, Starczynowski DT, Starokadomskyy P, Steegborn C, Steele JW, Stefanis L, Steffan J, Stellrecht CM, Stenmark H, Stepkowski TM, Stern ST, Stevens C, Stockwell BR, Stoka V, Storchova Z, Stork B, Stratoulis V, Stravopodis DJ, Strnad P, Strohecker AM, Ström AL, Stromhaug P, Stulik J, Su YX, Su Z, Subauste CS, Subramaniam S, Sue CM, Suh SW, Sui X, Sukseree S, Sulzer D, Sun FL, Sun J, Sun J, Sun SY, Sun Y, Sun Y, Sun Y, Sundaramoorthy V, Sung J, Suzuki H, Suzuki K, Suzuki N, Suzuki T, Suzuki YJ, Swanson MS, Swanton C, Swärd K, Swarup G, Sweeney ST, Sylvester PW, Szatmari Z, Szegezdi E, Szlosarek PW, Taegtmeier H, Tafani M, Taillebourg E, Tait SW, Takacs-Vellai K, Takahashi Y, Takáts S, Takemura G, Takigawa N, Talbot NJ, Tamagno E, Tamburini J, Tan CP, Tan L, Tan ML, Tan M, Tan YJ, Tanaka K, Tanaka M, Tang D, Tang D, Tang G, Tanida I, Tanji K, Tannous BA, Tapia JA, Tasset-Cuevas I, Tatar M, Tavassoly I, Tavernarakis N, Taylor A, Taylor GS, Taylor GA, Taylor JP, Taylor MJ, Tchetina EV, Tee AR, Teixeira-Clerc F, Telang S, Tencomnao T, Teng BB, Teng RJ, Terro F, Tettamanti G, Theiss AL, Theron AE, Thomas KJ, Thomé MP, Thomes PG, Thorburn A, Thorner J, Thum T, Thumm M, Thurston TL, Tian L, Till A, Ting JP, Titorenko VI, Toker L, Toldo S, Tooze SA, Topisirovic I, Torgersen ML, Torosantucci L, Torriglia A, Torrisi MR, Tournier C,

Towns R, Trajkovic V, Travassos LH, Triola G, Tripathi DN, Trisciuglio D, Troncoso R, Trougakos IP, Truttmann AC, Tsai KJ, Tschan MP, Tseng YH, Tsukuba T, Tsung A, Tsvetkov AS, Tu S, Tuan HY, Tucci M, Tumbarello DA, Turk B, Turk V, Turner RF, Tveita AA, Tyagi SC, Ubukata M, Uchiyama Y, Udelnow A, Ueno T, Umekawa M, Umemiya-Shirafuji R, Underwood BR, Ungermann C, Ureshino RP, Ushioda R, Uversky VN, Uzcátegui NL, Vaccari T, Vaccaro MI, Váchová L, Vakifahmetoglu-Norberg H, Valdor R, Valente EM, Vallette F, Valverde AM, Van den Bergh G, Van Den Bosch L, van den Brink GR, van der Goot FG, van der Klei IJ, van der Laan LJ, van Doorn WG, van Egmond M, van Golen KL, Van Kaer L, van Lookeren Campagne M, Vandenabeele P, Vandenberghe W, Vanhorebeek I, Varela-Nieto I, Vasconcelos MH, Vasko R, Vavvas DG, Vega-Naredo I, Velasco G, Velentzas AD, Velentzas PD, Vellai T, Vellenga E, Vendelbo MH, Venkatachalam K, Ventura N, Ventura S, Veras PS, Verdier M, Vertessy BG, Viale A, Vidal M, Vieira HL, Vierstra RD, Vigneswaran N, Vij N, Vila M, Villar M, Villar VH, Villarroya J, Vindis C, Viola G, Viscomi MT, Vitale G, Vogl DT, Voitsekhovskaja OV, von Haefen C, von Schwarzenberg K, Voth DE, Vouret-Craviari V, Vuori K, Vyas JM, Waeber C, Walker CL, Walker MJ, Walter J, Wan L, Wan X, Wang B, Wang C, Wang CY, Wang C, Wang C, Wang C, Wang D, Wang F, Wang F, Wang G, Wang HJ, Wang H, Wang HG, Wang H, Wang HD, Wang J, Wang J, Wang M, Wang MQ, Wang PY, Wang P, Wang RC, Wang S, Wang TF, Wang X, Wang XJ, Wang XW, Wang X, Wang X, Wang Y, Wang Y, Wang Y, Wang YJ, Wang Y, Wang Y, Wang YT, Wang Y, Wang ZN, Wappner P, Ward C, Ward DM, Warnes G, Watada H, Watanabe Y, Watase K, Weaver TE, Weekes CD, Wei J, Weide T, Wehl CC, Weindl G, Weis SN, Wen L, Wen X, Wen Y, Westermann B, Weyand CM, White AR, White E, Whitton JL, Whitworth AJ, Wiels J, Wild F, Wildenberg ME, Wileman T, Wilkinson DS, Wilkinson S, Willbold D, Williams C, Williams K, Williamson PR, Winkelhofer KF, Witkin SS, Wohlgemuth SE, Wollert T, Wolvetang EJ, Wong E, Wong GW, Wong RW, Wong VK, Woodcock EA, Wright KL, Wu C, Wu D, Wu GS, Wu J, Wu J, Wu M, Wu M, Wu S, Wu WK, Wu Y, Wu Z, Xavier CP, Xavier RJ, Xia GX, Xia T, Xia W, Xia Y, Xiao H, Xiao J, Xiao S, Xiao W, Xie CM, Xie Z, Xie Z, Xilouri M, Xiong Y, Xu C, Xu C, Xu F, Xu H, Xu H, Xu J, Xu J, Xu J, Xu L, Xu X, Xu Y, Xu Y, Xu ZX, Xu Z, Xue Y, Yamada T, Yamamoto A, Yamanaka K, Yamashina S, Yamashiro S, Yan B, Yan B, Yan X, Yan Z, Yanagi Y, Yang DS, Yang JM, Yang L, Yang M, Yang PM, Yang P, Yang Q, Yang W, Yang WY, Yang X, Yang Y, Yang Y, Yang Z, Yang Z, Yao MC, Yao PJ, Yao X, Yao Z, Yao Z, Yasui LS, Ye M, Yedvobnick B, Yeganeh B, Yeh ES, Yeyati PL, Yi F, Yi L, Yin XM, Yip CK, Yoo YM, Yoo YH, Yoon SY, Yoshida K, Yoshimori T, Young KH, Yu H, Yu JJ, Yu JT, Yu J, Yu L, Yu WH, Yu XF, Yu Z, Yuan J, Yuan ZM, Yue BY, Yue J, Yue Z, Zacks DN, Zacksenhaus E, Zaffaroni N, Zaglia T, Zakeri Z, Zecchini V, Zeng J, Zeng M, Zeng Q, Zervos AS, Zhang DD, Zhang F, Zhang G, Zhang GC, Zhang H, Zhang H, Zhang H, Zhang H, Zhang J, Zhang J, Zhang J, Zhang J, Zhang JP, Zhang L, Zhang L, Zhang L, Zhang L, Zhang MY, Zhang X, Zhang XD, Zhang Y, Zhang Y, Zhang Y, Zhang Y, Zhang Y, Zhao M, Zhao WL, Zhao X, Zhao YG, Zhao Y, Zhao Y, Zhao YX, Zhao Z, Zhao ZJ, Zheng D, Zheng XL, Zheng X, Zhivotovsky B, Zhong Q, Zhou GZ, Zhou G, Zhou H, Zhou SF, Zhou XJ, Zhu H, Zhu H, Zhu WG, Zhu W, Zhu XF, Zhu Y, Zhuang SM, Zhuang X, Ziparo E, Zois CE, Zoladek T, Zong WX, Zorzano A, Zughai SM. Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*. 2016;12(1):1-222. doi: 10.1080/15548627.2015.1100356. Erratum in: *Autophagy*. 2016;12(2):443. Selliez, Iban [corrected to Seilliez, Iban]. PubMed PMID: 26799652; PubMed Central PMCID: PMC4835977.

128: Hattermann K, Gebhardt H, Krossa S, Ludwig A, Lucius R, Held-Feindt J, Mentlein R. Transmembrane chemokines act as receptors in a novel mechanism termed inverse signaling. *Elife*. 2016 Jan 21;5:e10820. doi: 10.7554/eLife.10820. PubMed PMID: 26796342; PubMed Central PMCID: PMC4739769.

129: Arning A, Jeibmann A, Köhnemann S, Brokinkel B, Ewelt C, Berger K, Wellmann J, Nowak-Göttl U, Stummer W, Stoll M, Holling M. ADAMTS genes and the risk of cerebral aneurysm. *J Neurosurg*. 2016 Aug;125(2):269-74. doi: 10.3171/2015.7.JNS154. Epub 2016 Jan 8. PubMed PMID: 26745484.

130: Fengler K, Heinemann D, Okon T, Röhnert K, Stiermaier T, von Röder M, Besler C, Müller U,

Höllriegel R, Schuler G, Desch S, Lurz P. Renal denervation improves exercise blood pressure: insights from a randomized, sham-controlled trial. *Clin Res Cardiol*. 2016 Jul;105(7):592-600. doi: 10.1007/s00392-015-0955-8. Epub 2016 Jan 4. PubMed PMID: 26728060.

131: Doukas A, Maslehaty H, Barth H, Hedderich J, Petridis AK, Mehdorn HM. A novel simple measure correlates to the outcome in 57 patients with intracerebellar hematomas. Results of a retrospective analysis. *Surg Neurol Int*. 2015 Nov 23;6:176. doi: 10.4103/2152-7806.170246. eCollection 2015. PubMed PMID: 26673852; PubMed Central PMCID: PMC4665131.

132: Chan MK, Lee V, Chiang CL, Lee FA, Law G, Sin NY, Siu KL, Wong FC, Tung SY, Luk H, Blanck O. Lipiodol versus diaphragm in 4D-CBCT-guided stereotactic radiotherapy of hepatocellular carcinomas. *Strahlenther Onkol*. 2016 Feb;192(2):92-101. doi: 10.1007/s00066-015-0929-9. Epub 2015 Dec 3. PubMed PMID: 26636141.

133: Kinnersley B, Mitchell JS, Gousias K, Schramm J, Idbaih A, Labussière M, Marie Y, Rahimian A, Wichmann HE, Schreiber S, Hoang-Xuan K, Delattre JY, Nöthen MM, Mokhtari K, Lathrop M, Bondy M, Simon M, Sanson M, Houlston RS. Quantifying the heritability of glioma using genome-wide complex trait analysis. *Sci Rep*. 2015 Dec 2;5:17267. doi: 10.1038/srep17267. PubMed PMID: 26625949; PubMed Central PMCID: PMC4667278.

134: Krause-Titz UR, Warneke N, Freitag-Wolf S, Barth H, Mehdorn HM. Factors influencing the outcome (GOS) in reconstructive cranioplasty. *Neurosurg Rev*. 2016 Jan;39(1):133-9. doi: 10.1007/s10143-015-0678-3. Epub 2015 Dec 1. PubMed PMID: 26621678.

135: Dejanovic B, Djémié T, Grünewald N, Suls A, Kress V, Hetsch F, Craiu D, Zemel M, Gormley P, Lal D; EuroEPINOMICS Dravet working group, Myers CT, Mefford HC, Palotie A, Helbig I, Meier JC, De Jonghe P, Weckhuysen S, Schwarz G. Simultaneous impairment of neuronal and metabolic function of mutated gephyrin in a patient with epileptic encephalopathy. *EMBO Mol Med*. 2015 Dec;7(12):1580-94. doi: 10.15252/emmm.201505323. Erratum in: *EMBO Mol Med*. 2017 Dec;9(12):1764. PubMed PMID: 26613940; PubMed Central PMCID: PMC4693503.

136: Coburger J, Merkel A, Scherer M, Schwartz F, Gessler F, Roder C, Pala A, König R, Bullinger L, Nagel G, Jungk C, Bisdas S, Nabavi A, Ganslandt O, Seifert V, Tatagiba M, Senft C, Mehdorn M, Unterberg AW, Rössler K, Wirtz CR. Low-grade Glioma Surgery in Intraoperative Magnetic Resonance Imaging: Results of a Multicenter Retrospective Assessment of the German Study Group for Intraoperative Magnetic Resonance Imaging. *Neurosurgery*. 2016 Jun;78(6):775-86. doi: 10.1227/NEU.0000000000001081. PubMed PMID: 26516822.

137: Nagasaka Y, Wasner G, Sharma B, Fleischmann K. Harlequin Syndrome After Thoracic Paravertebral Block. *A A Case Rep*. 2016 Feb 1;6(3):48-51. doi: 10.1213/XAA.0000000000000231. PubMed PMID: 26513674.

138: Mehdorn HM. Intracranial Meningiomas: A 30-Year Experience and Literature Review. *Adv Tech Stand Neurosurg*. 2016;(43):139-84. doi: 10.1007/978-3-319-21359-0_6. Review. PubMed PMID: 26508409.

139: Baron R, Ferriero DM, Frisoni GB, Bettegowda C, Gokaslan ZL, Kessler JA, Vezzani A, Waxman SG, Jarius S, Wildemann B, Weller M. Neurology—the next 10 years. *Nat Rev Neurol*. 2015 Nov;11(11):658-64. doi: 10.1038/nrneurol.2015.196. Epub 2015 Oct 27. Review. PubMed PMID: 26503922.

140: Albers GW, Goyal M, Jahan R, Bonafe A, Diener HC, Levy EI, Pereira VM, Cognard C, Cohen DJ, Hacke W, Jansen O, Jovin TG, Mattle HP, Nogueira RG, Siddiqui AH, Yavagal DR, Baxter BW, Devlin TG,

- Lopes DK, Reddy VK, de Rochemont Rdu M, Singer OC, Bammer R, Saver JL. Ischemic core and hypoperfusion volumes predict infarct size in SWIFT PRIME. *Ann Neurol*. 2016 Jan;79(1):76-89. doi: 10.1002/ana.24543. Epub 2015 Dec 12. PubMed PMID: 26476022.
- 141: van Hecke O, Kamerman PR, Attal N, Baron R, Bjornsdottir G, Bennett DL, Bennett MI, Bouhassira D, Diatchenko L, Freeman R, Freynhagen R, Haanpää M, Jensen TS, Raja SN, Rice AS, Seltzer Z, Thorgeirsson TE, Yarnitsky D, Smith BH. Neuropathic pain phenotyping by international consensus (NeuroPPIC) for genetic studies: a NeuPSIG systematic review, Delphi survey, and expert panel recommendations. *Pain*. 2015 Nov;156(11):2337-53. doi: 10.1097/j.pain.0000000000000335. Review. Erratum in: *Pain*. 2017 Jun;158(6):1180. PubMed PMID: 26469320; PubMed Central PMCID: PMC4747983.
- 142: Klein KM, Pendziwiat M, Cohen R, Appenzeller S, de Kovel CG, Rosenow F, Koeleman BP, Kuhlenbäumer G, Sheintuch L, Veksler R, Friedman A, Afawi Z, Helbig I. Autosomal dominant epilepsy with auditory features: a new LGI1 family including a phenocopy with cortical dysplasia. *J Neurol*. 2016 Jan;263(1):11-6. doi: 10.1007/s00415-015-7921-2. Epub 2015 Oct 12. PubMed PMID: 26459092.
- 143: Kinnersley B, Labussière M, Holroyd A, Di Stefano AL, Broderick P, Vijayakrishnan J, Mokhtari K, Delattre JY, Gousias K, Schramm J, Schoemaker MJ, Fleming SJ, Herms S, Heilmann S, Schreiber S, Wichmann HE, Nöthen MM, Swerdlow A, Lathrop M, Simon M, Bondy M, Sanson M, Houlston RS. Genome-wide association study identifies multiple susceptibility loci for glioma. *Nat Commun*. 2015 Oct 1;6:8559. doi: 10.1038/ncomms9559. PubMed PMID: 26424050; PubMed Central PMCID: PMC4600760.
- 144: Guckenberger M, Klement RJ, Allgäuer M, Andratschke N, Blanck O, Boda-Heggemann J, Dieckmann K, Duma M, Ernst I, Ganswindt U, Hass P, Henkenberens C, Holy R, Imhoff D, Kahl HK, Krempien R, Lohaus F, Nestle U, Nevinny-Stickel M, Petersen C, Semrau S, Streblov J, Wendt TG, Wittig A, Flentje M, Sterzing F. Local tumor control probability modeling of primary and secondary lung tumors in stereotactic body radiotherapy. *Radiother Oncol*. 2016 Mar;118(3):485-91. doi: 10.1016/j.radonc.2015.09.008. Epub 2015 Sep 15. PubMed PMID: 26385265.
- 145: Schumacher N, Meyer D, Mauermann A, von der Heyde J, Wolf J, Schwarz J, Knittler K, Murphy G, Michalek M, Garbers C, Bartsch JW, Guo S, Schacher B, Eickholz P, Chalaris A, Rose-John S, Rabe B. Shedding of Endogenous Interleukin-6 Receptor (IL-6R) Is Governed by A Disintegrin and Metalloproteinase (ADAM) Proteases while a Full-length IL-6R Isoform Localizes to Circulating Microvesicles. *J Biol Chem*. 2015 Oct 23;290(43):26059-71. doi: 10.1074/jbc.M115.649509. Epub 2015 Sep 10. PubMed PMID: 26359498; PubMed Central PMCID: PMC4646259.
- 146: von der Brelie C, Schneegans I, van den Boom L, Meier U, Hedderich J, Lemcke J. Impaired coagulation is a risk factor for clinical and radiologic deterioration in patients with traumatic brain injury and isolated traumatic subarachnoid hemorrhage. *J Trauma Acute Care Surg*. 2015 Aug;79(2):295-300. doi: 10.1097/TA.0000000000000722. PubMed PMID: 26218700.
- 147: Reuter S, Deuschl G, Falk D, Mehdorn M, Witt K. Uncoupling of dopaminergic and subthalamic stimulation: Life-threatening DBS withdrawal syndrome. *Mov Disord*. 2015 Sep;30(10):1407-13. doi: 10.1002/mds.26324. Epub 2015 Jul 17. PubMed PMID: 26184453.
- 148: Knerlich-Lukoschus F. Chemokines and their receptors: important mediators to be aware of in neuroregenerative approaches for spinal cord injury. *Neural Regen Res*. 2015 Apr;10(4):562-4. doi: 10.4103/1673-5374.155423. PubMed PMID: 26170814; PubMed Central PMCID: PMC4424746.
- 149: Gierthmühlen J, Enax-Krumova EK, Attal N, Bouhassira D, Cruccu G, Finnerup NB, Haanpää M,

Hansson P, Jensen TS, Freynhagen R, Kennedy JD, Mainka T, Rice AS, Segerdahl M, Sindrup SH, Serra J, Tölle T, Treede RD, Baron R, Maier C. Who is healthy? Aspects to consider when including healthy volunteers in QST-based studies-a consensus statement by the EUROPAIN and NEUROPAIN consortia. *Pain*. 2015 Nov;156(11):2203-11. doi: 10.1097/j.pain.0000000000000227. PubMed PMID: 26075963.

150: Knerlich-Lukoschus F, Steinbok P, Dunham C, Cochrane DD. Cerebellar cavernous malformation in pediatric patients: defining clinical, neuroimaging, and therapeutic characteristics. *J Neurosurg Pediatr*. 2015 Sep;16(3):256-66. doi: 10.3171/2015.1.PEDS14366. Epub 2015 May 22. PubMed PMID: 26053436.

151: Krossa S, Schmitt AD, Hattermann K, Fritsch J, Scheidig AJ, Mehdorn HM, Held-Feindt J. Down regulation of Akirin-2 increases chemosensitivity in human glioblastomas more efficiently than Twist-1. *Oncotarget*. 2015 Aug 28;6(25):21029-45. PubMed PMID: 26036627; PubMed Central PMCID: PMC4673248.

152: Blanck O, Masi L, Damme MC, Hildebrandt G, Dunst J, Siebert FA, Poppinga D, Poppe B. Film-based delivery quality assurance for robotic radiosurgery: Commissioning and validation. *Phys Med*. 2015 Jul;31(5):476-83. doi: 10.1016/j.ejmp.2015.05.001. Epub 2015 May 21. PubMed PMID: 26003217.

153: Knerlich-Lukoschus F, Held-Feindt J. Chemokine-ligands/receptors: multiplayer in traumatic spinal cord injury. *Mediators Inflamm*. 2015;2015:486758. doi: 10.1155/2015/486758. Epub 2015 Apr 21. Review. PubMed PMID: 25977600; PubMed Central PMCID: PMC4419224.

154: Weiss PH, Herzog J, Pötter-Nerger M, Falk D, Herzog H, Deuschl G, Volkmann J, Fink GR. Subthalamic nucleus stimulation improves Parkinsonian gait via brainstem locomotor centers. *Mov Disord*. 2015 Jul;30(8):1121-5. doi: 10.1002/mds.26229. Epub 2015 Apr 25. PubMed PMID: 25914247.

155: Kubelt C, Hattermann K, Sebens S, Mehdorn HM, Held-Feindt J. Epithelial-to-mesenchymal transition in paired human primary and recurrent glioblastomas. *Int J Oncol*. 2015;46(6):2515-25. doi: 10.3892/ijo.2015.2944. Epub 2015 Mar 31. PubMed PMID: 25845427.

156: Alexoudi A, Shalash A, Knudsen K, Witt K, Mehdorn M, Volkmann J, Deuschl G. The medical treatment of patients with Parkinson's disease receiving subthalamic neurostimulation. *Parkinsonism Relat Disord*. 2015 Jun;21(6):555-60; discussion 555. doi: 10.1016/j.parkreldis.2015.03.003. Epub 2015 Mar 20. PubMed PMID: 25842260.

157: Galizia EC, Myers CT, Leu C, de Kovel CG, Afrikanova T, Cordero-Maldonado ML, Martins TG, Jacmin M, Drury S, Krishna Chinthapalli V, Muhle H, Pendziwiat M, Sander T, Ruppert AK, Møller RS, Thiele H, Krause R, Schubert J, Lehesjoki AE, Nürnberg P, Lerche H; EuroEPINOMICS CoGIE Consortium, Palotie A, Coppola A, Striano S, Gaudio LD, Boustred C, Schneider AL, Lench N, Jovic-Jakubi B, Covanis A, Capovilla G, Veggiotti P, Piccioli M, Parisi P, Cantonetti L, Sadleir LG, Mullen SA, Berkovic SF, Stephani U, Helbig I, Crawford AD, Esguerra CV, Kasteleijn-Nolst Trenité DG, Koeleman BP, Mefford HC, Scheffer IE, Sisodiya SM. CHD2 variants are a risk factor for photosensitivity in epilepsy. *Brain*. 2015 May;138(Pt 5):1198-207. doi: 10.1093/brain/awv052. Epub 2015 Mar 17. PubMed PMID: 25783594; PubMed Central PMCID: PMC4407192.

158: Syrbe S, Hedrich UBS, Riesch E, Djémié T, Müller S, Møller RS, Maher B, Hernandez-Hernandez L, Synofzik M, Caglayan HS, Arslan M, Serratosa JM, Nothnagel M, May P, Krause R, Löffler H, Detert K, Dorn T, Vogt H, Krämer G, Schöls L, Mullis PE, Linnankivi T, Lehesjoki AE, Sterbova K, Craiu DC, Hoffman-Zacharska D, Korff CM, Weber YG, Steinlin M, Gallati S, Bertsche A, Bernhard MK, Merckenschlager A, Kiess W; EuroEPINOMICS RES consortium, Gonzalez M, Züchner S, Palotie A, Suls A, De Jonghe P, Helbig I, Biskup S, Wolff M, Maljevic S, Schüle R, Sisodiya SM, Weckhuysen S, Lerche H,

Lemke JR. De novo loss- or gain-of-function mutations in KCNA2 cause epileptic encephalopathy. *Nat Genet.* 2015 Apr;47(4):393-399. doi: 10.1038/ng.3239. Epub 2015 Mar 9. PubMed PMID: 25751627; PubMed Central PMCID: PMC4380508.

159: Hammer N, Glätzner J, Feja C, Kühne C, Meixensberger J, Planitzer U, Schleifenbaum S, Tillmann BN, Winkler D. Human vagus nerve branching in the cervical region. *PLoS One.* 2015 Feb 13;10(2):e0118006. doi: 10.1371/journal.pone.0118006. eCollection 2015. PubMed PMID: 25679804; PubMed Central PMCID: PMC4332499.

160: Brüggemann N, Kühn A, Schneider SA, Kamm C, Wolters A, Krause P, Moro E, Steigerwald F, Wittstock M, Tronnier V, Lozano AM, Hamani C, Poon YY, Zittel S, Wächter T, Deuschl G, Krüger R, Kupsch A, Münchau A, Lohmann K, Volkmann J, Klein C. Short- and long-term outcome of chronic pallidal neurostimulation in monogenic isolated dystonia. *Neurology.* 2015 Mar 3;84(9):895-903. doi: 10.1212/WNL.0000000000001312. Epub 2015 Feb 4. PubMed PMID: 25653290.

161: Westphal M, Heese O, Steinbach JP, Schnell O, Schackert G, Mehdorn M, Schulz D, Simon M, Schlegel U, Senft C, Geletneky K, Braun C, Hartung JG, Reuter D, Metz MW, Bach F, Pietsch T. A randomised, open label phase III trial with nimotuzumab, an anti-epidermal growth factor receptor monoclonal antibody in the treatment of newly diagnosed adult glioblastoma. *Eur J Cancer.* 2015 Mar;51(4):522-32. doi: 10.1016/j.ejca.2014.12.019. Epub 2015 Jan 20. PubMed PMID: 25616647.

162: Stark AM, Leuschner I, Mehdorn HM, Claviez A. Ewing sarcoma of the posterior fossa in an adolescent girl. *Case Rep Med.* 2014;2014:439830. doi: 10.1155/2014/439830. Epub 2014 Dec 29. PubMed PMID: 25614743; PubMed Central PMCID: PMC4295441.

163: Helm O, Held-Feindt J, Schäfer H, Sebens S. M1 and M2: there is no “good” and “bad”-How macrophages promote malignancy-associated features in tumorigenesis. *Oncoimmunology.* 2014 Jul 3;3(7):e946818. eCollection 2014. PubMed PMID: 25610733; PubMed Central PMCID: PMC4292215.

164: Finnerup NB, Attal N, Haroutounian S, McNicol E, Baron R, Dworkin RH, Gilron I, Haanpää M, Hansson P, Jensen TS, Kamerman PR, Lund K, Moore A, Raja SN, Rice AS, Rowbotham M, Sena E, Siddall P, Smith BH, Wallace M. Pharmacotherapy for neuropathic pain in adults: a systematic review and meta-analysis. *Lancet Neurol.* 2015 Feb;14(2):162-73. doi: 10.1016/S1474-4422(14)70251-0. Epub 2015 Jan 7. Review. PubMed PMID: 25575710; PubMed Central PMCID: PMC4493167.

165: Hardies K, May P, Djémié T, Tarta-Arsene O, Deconinck T, Craiu D; AR working group of the EuroEPINOMICS RES Consortium, Helbig I, Suls A, Balling R, Weckhuysen S, De Jonghe P, Hirst J. Recessive loss-of-function mutations in AP4S1 cause mild fever-sensitive seizures, developmental delay and spastic paraplegia through loss of AP-4 complex assembly. *Hum Mol Genet.* 2015 Apr 15;24(8):2218-27. doi: 10.1093/hmg/ddu740. Epub 2014 Dec 30. PubMed PMID: 25552650; PubMed Central PMCID: PMC4380070.

166: Jadik S, Stan AC, Dietrich U, Pietilä TA, Elsharkawy AE. Intraparenchymal meningioma mimicking cavernous malformation: a case report and review of the literature. *J Med Case Rep.* 2014 Dec 29;8:467. doi: 10.1186/1752-1947-8-467. Review. PubMed PMID: 25547419; PubMed Central PMCID: PMC4320455.

167: Knerlich-Lukoschus F, Krossa S, Krause J, Mehdorn HM, Scheidig A, Held-Feindt J. Impact of chemokines on the properties of spinal cord-derived neural progenitor cells in a rat spinal cord lesion model. *J Neurosci Res.* 2015 Apr;93(4):562-71. doi: 10.1002/jnr.23527. Epub 2014 Dec 9. PubMed PMID: 25491360.

168: Göbel A, Göbel CH, Heinze A, Heinze-Kuhn K, Petersen I, Meinecke C, Clasen S, Niederberger U,

- Rasche D, Mehdorn HM, Göbel H. Imaging sensory effects of occipital nerve stimulation: a new computer-based method in neuromodulation. *Brain Stimul.* 2015 Mar-Apr;8(2):295-8. doi: 10.1016/j.brs.2014.09.019. Epub 2014 Nov 8. PubMed PMID: 25465289.
- 169: Cottenie E, Kochanski A, Jordanova A, Bansagi B, Zimon M, Horga A, Jaunmuktane Z, Saveri P, Rasic VM, Baets J, Bartsakoulia M, Ploski R, Teterycz P, Nikolic M, Quinlivan R, Laura M, Sweeney MG, Taroni F, Lunn MP, Moroni I, Gonzalez M, Hanna MG, Bettencourt C, Chabrol E, Franke A, von Au K, Schilhabel M, Kabzińska D, Hausmanowa-Petrusewicz I, Brandner S, Lim SC, Song H, Choi BO, Horvath R, Chung KW, Zuchner S, Pareyson D, Harms M, Reilly MM, Houlden H. Truncating and missense mutations in IGHMBP2 cause Charcot-Marie Tooth disease type 2. *Am J Hum Genet.* 2014 Nov 6;95(5):590-601. doi: 10.1016/j.ajhg.2014.10.002. Epub 2014 Oct 30. PubMed PMID: 25439726; PubMed Central PMCID: PMC4225647.
- 170: Lopes R, Moeller F, Besson P, Ogez F, Szurhaj W, Leclerc X, Siniatchkin M, Chipaux M, Derambure P, Tyvaert L. Study on the Relationships between Intrinsic Functional Connectivity of the Default Mode Network and Transient Epileptic Activity. *Front Neurol.* 2014 Oct 10;5:201. doi: 10.3389/fneur.2014.00201. eCollection 2014. PubMed PMID: 25346721; PubMed Central PMCID: PMC4193009.
- 171: Laufs H, Rodionov R, Thornton R, Duncan JS, Lemieux L, Tagliazucchi E. Altered FMRI connectivity dynamics in temporal lobe epilepsy might explain seizure semiology. *Front Neurol.* 2014 Sep 11;5:175. doi: 10.3389/fneur.2014.00175. eCollection 2014. PubMed PMID: 25309503; PubMed Central PMCID: PMC4160997.
- 172: Beck-Broichsitter BE, Becker ST, Lamia A, Fregnan F, Geuna S, Sinis N. Sensoric protection after median nerve injury: babysitter-procedure prevents muscular atrophy and improves neuronal recovery. *Biomed Res Int.* 2014;2014:724197. doi: 10.1155/2014/724197. Epub 2014 Jul 15. PubMed PMID: 25133176; PubMed Central PMCID: PMC4123520.
- 173: Volkmann J, Mueller J, Deuschl G, Kühn AA, Krauss JK, Poewe W, Timmermann L, Falk D, Kupsch A, Kivi A, Schneider GH, Schnitzler A, Südmeyer M, Voges J, Wolters A, Wittstock M, Müller JU, Hering S, Eisner W, Vesper J, Prokop T, Pinsker M, Schrader C, Kloss M, Kiening K, Boetzel K, Mehrkens J, Skogseid IM, Ramm-Pettersen J, Kemmler G, Bhatia KP, Vitek JL, Benecke R; DBS study group for dystonia. Pallidal neurostimulation in patients with medication-refractory cervical dystonia: a randomised, sham-controlled trial. *Lancet Neurol.* 2014 Sep;13(9):875-84. doi: 10.1016/S1474-4422(14)70143-7. Epub 2014 Aug 7. PubMed PMID: 25127231.
- 174: Mahvash M, Pechlivanis I, Charalampaki P, Jansen O, Mehdorn HM. Visualization of small veins with susceptibility-weighted imaging for stereotactic trajectory planning in deep brain stimulation. *Clin Neurol Neurosurg.* 2014 Sep;124:151-5. doi: 10.1016/j.clineuro.2014.06.041. Epub 2014 Jul 7. PubMed PMID: 25051166.
- 175: Mahvash M. Intracranial basal cell carcinoma with extensive invasion of the skull base. *Turk Neurosurg.* 2014;24(4):571-3. doi: 10.5137/1019-5149.JTN.8612-13.0. PubMed PMID: 25050684.
- 176: Mahvash M, Maslehaty H, Jansen O, Mehdorn HM, Petridis AK. Functional magnetic resonance imaging of motor and language for preoperative planning of neurosurgical procedures adjacent to functional areas. *Clin Neurol Neurosurg.* 2014 Aug;123:72-7. doi: 10.1016/j.clineuro.2014.05.011. Epub 2014 May 29. PubMed PMID: 25012016.
- 177: Ahmeti H, Balschun K, Mehdorn HM, Stark AM. Unusual coincidence of a pituitary neuroendocrine tumor and an aspergilloma of the sphenoid sinus. *J Neurooncol.* 2014 Sep;119(2):447-8. doi:

10.1007/s11060-014-1518-y. Epub 2014 Jul 10. PubMed PMID: 25007775.

178: Mettler L, Eckmann-Scholz C, Semm I, Alkatout I. Factors to consider in gynecological surgery. *Womens Health (Lond)*. 2014 May;10(3):323-38. doi: 10.2217/whe.14.10. Review. PubMed PMID: 24956297.

179: Shi ZS, Liebeskind DS, Xiang B, Ge SG, Feng L, Albers GW, Budzik R, Devlin T, Gupta R, Jansen O, Jovin TG, Killer-Oberpfalzer M, Lutsep HL, Macho J, Nogueira RG, Rymer M, Smith WS, Wahlgren N, Duckwiler GR; Multi MERCI, TREVO, and TREVO 2 Investigators. Predictors of functional dependence despite successful revascularization in large-vessel occlusion strokes. *Stroke*. 2014 Jul;45(7):1977-84. doi: 10.1161/STROKEAHA.114.005603. Epub 2014 May 29. PubMed PMID: 24876082; PubMed Central PMCID: PMC4160889.

180: Stark AM, Schwartz F, Mehdorn M, Nabavi A. Neuroendoscopy and high-field intraoperative MRI: first experience. *J Neurol Surg A Cent Eur Neurosurg*. 2014 Sep;75(5):371-5. doi: 10.1055/s-0034-1371515. Epub 2014 May 28. PubMed PMID: 24871823.

181: Hattermann K, Sebens S, Helm O, Schmitt AD, Mentlein R, Mehdorn HM, Held-Feindt J. Chemokine expression profile of freshly isolated human glioblastoma-associated macrophages/microglia. *Oncol Rep*. 2014 Jul;32(1):270-6. doi: 10.3892/or.2014.3214. Epub 2014 May 23. PubMed PMID: 24859792.

182: Japaridze N, Menzel E, von Ondarza G, Steinmann E, Stephani U. Risk factors of cognitive outcome in patients with atypical benign partial epilepsy/pseudo-Lennox syndrome (ABPE/PLS) and continues spike and wave during sleep (CSWS). *Eur J Paediatr Neurol*. 2014 May;18(3):368-75. doi: 10.1016/j.ejpn.2014.01.012. Epub 2014 Feb 15. PubMed PMID: 24594429.

183: Baron R, Backonja MM, Eldridge P, Levy R, Vissers K, Attal N, Buchser E, Cruccu G, De Andrés J, Hansson P, Jacobs M, Loeser JD, Prager JP, Stanton Hicks M, Regnault A, Van den Abeele C, Taylor RS. Refractory Chronic Pain Screening Tool (RCPST): a feasibility study to assess practicality and validity of identifying potential neurostimulation candidates. *Pain Med*. 2014 Feb;15(2):281-91. doi: 10.1111/pme.12272. Epub 2013 Nov 8. PubMed PMID: 24524843.

184: Keupp K, Li Y, Vargel I, Hoischen A, Richardson R, Neveling K, Alanay Y, Uz E, Elcioğlu N, Rachwalski M, Kamaci S, Tunçbilek G, Akin B, Grötzinger J, Konas E, Mavili E, Müller-Newen G, Collmann H, Roscioli T, Buckley MF, Yigit G, Gilissen C, Kress W, Veltman J, Hammerschmidt M, Akarsu NA, Wollnik B. Mutations in the interleukin receptor IL11RA cause autosomal recessive Couzon-like craniosynostosis. *Mol Genet Genomic Med*. 2013 Nov;1(4):223-37. doi: 10.1002/mgg3.28. Epub 2013 Aug 19. PubMed PMID: 24498618; PubMed Central PMCID: PMC3865590.

185: Hanganu A, Groppa SA, Deuschl G, Siebner H, Moeller F, Siniatchkin M, Stephani U, Groppa S. Cortical Thickness Changes Associated with Photoparoxysmal Response. *Brain Topogr*. 2015 Sep;28(5):702-709. doi: 10.1007/s10548-014-0353-y. Epub 2014 Feb 1. PubMed PMID: 24487625.

186: Scheil-Bertram S, Kappler R, von Baer A, Hartwig E, Sarkar M, Serra M, Brüderlein S, Westhoff B, Melzner I, Bassaly B, Herms J, Hugo HH, Schulte M, Möller P. Molecular profiling of chordoma. *Int J Oncol*. 2014 Apr;44(4):1041-55. doi: 10.3892/ijo.2014.2268. Epub 2014 Jan 21. PubMed PMID: 24452533; PubMed Central PMCID: PMC3977807.

187: Barbe MT, Dembek TA, Becker J, Raethjen J, Hartinger M, Meister IG, Runge M, Maarouf M, Fink GR, Timmermann L. Individualized current-shaping reduces DBS-induced dysarthria in patients with essential tremor. *Neurology*. 2014 Feb 18;82(7):614-9. doi: 10.1212/WNL.000000000000127. Epub 2014 Jan 17. PubMed PMID: 24443448; PubMed Central PMCID: PMC3963416.

- 188: Scheer F, Wiggermann P, Kamusella P, Wissgott C, Andresen R. CT-assisted sympathicolysis as an additional minimally invasive therapeutic option in primary focal plantar hyperhidrosis. *Cardiovasc Intervent Radiol*. 2014 Dec;37(6):1554-8. doi: 10.1007/s00270-013-0824-7. Epub 2014 Jan 16. PubMed PMID: 24430535.
- 189: Steinmann E, Schmalor A, Prehn-Kristensen A, Wolff S, Galka A, Möhring J, Gerber WD, Petermann F, Stephani U, Siniatchkin M. Developmental changes of neuronal networks associated with strategic social decision-making. *Neuropsychologia*. 2014 Apr;56:37-46. doi: 10.1016/j.neuropsychologia.2013.12.025. Epub 2014 Jan 9. PubMed PMID: 24412687.
- 190: Rickert U, Grampp S, Wilms H, Spreu J, Knerlich-Lukoschus F, Held-Feindt J, Lucius R. Glial Cell Line-Derived Neurotrophic Factor Family Members Reduce Microglial Activation via Inhibiting p38MAPKs-Mediated Inflammatory Responses. *J Neurodegener Dis*. 2014;2014:369468. doi: 10.1155/2014/369468. Epub 2014 Jun 9. PubMed PMID: 26317008; PubMed Central PMCID: PMC4437344.
- 191: Ahmeti H, Maslehaty H, Petridis AK, Doukas A, Mahvash M, Barth H, Mehdorn HM. Extensive growth of an anaplastic meningioma. *Case Rep Neurol Med*. 2013;2013:527184. doi: 10.1155/2013/527184. Epub 2013 Oct 31. PubMed PMID: 24288634; PubMed Central PMCID: PMC3833072.
- 192: Reese R, Knudsen K, Falk D, Mehdorn HM, Deuschl G, Volkmann J. Motor outcome of dystonic [camptocormia](#) treated with pallidal neurostimulation. *Parkinsonism Relat Disord*. 2014 Feb;20(2):176-9. doi: 10.1016/j.parkreldis.2013.10.022. Epub 2013 Nov 1. PubMed PMID: 24268100.
- 193: Preuß S, Scheiermann J, Stadelmann S, Omam FD, Winoto-Morbach S, Lex D, von Bismarck P, Adam-Klages S, Knerlich-Lukoschus F, Wesch D, Held-Feindt J, Uhlig S, Schütze S, Krause MF. 18:1/18:1-Dioleoyl-phosphatidylglycerol prevents alveolar epithelial apoptosis and profibrotic stimulus in a neonatal piglet model of acute respiratory distress syndrome. *Pulm Pharmacol Ther*. 2014 Jun;28(1):25-34. doi: 10.1016/j.pupt.2013.10.002. Epub 2013 Oct 16. PubMed PMID: 24140177.
- 194: Jansen O, Rohr A. Neurothrombectomy in the treatment of acute ischaemic stroke. *Nat Rev Neurol*. 2013 Nov;9(11):645-52. doi: 10.1038/nrneurol.2013.204. Epub 2013 Oct 15. Review. PubMed PMID: 24126625.
- 195: Shalash A, Alexoudi A, Knudsen K, Volkmann J, Mehdorn M, Deuschl G. The impact of age and disease duration on the long term outcome of neurostimulation of the subthalamic nucleus. *Parkinsonism Relat Disord*. 2014 Jan;20(1):47-52. doi: 10.1016/j.parkreldis.2013.09.014. Epub 2013 Sep 20. PubMed PMID: 24126022.
- 196: Mettler L, Clevin L, Ternamian A, Puntambekar S, Schollmeyer T, Alkatout I. The past, present and future of minimally invasive endoscopy in gynecology: a review and speculative outlook. *Minim Invasive Ther Allied Technol*. 2013 Aug;22(4):210-26. doi: 10.3109/13645706.2013.823451. Review. PubMed PMID: 23964793.
- 197: Ramantani G, Strobl K, Stathi A, Brandt A, Schubert-Bast S, Wiegand G, Korinthenberg R, Stephani U, van Velthoven V, Zentner J, Schulze-Bonhage A, Bast T. Reoperation for refractory epilepsy in childhood: a second chance for selected patients. *Neurosurgery*. 2013 Oct;73(4):695-704; discussion 704. doi: 10.1227/NEU.0000000000000081. PubMed PMID: 23842559.
- 198: Hauschild A, Kölbl O, Mackensen A, Schadendorf D. [Foreword]. *Onkologie*. 2013;36 Suppl 4:1. doi: 10.1159/000350919. Epub 2013 May 7. German. PubMed PMID: 23797362.

199: Gerdesmeyer L, Wagenpfeil S, Birkenmaier C, Veihelmann A, Hauschild M, Wagner K, Muderis MA, Gollwitzer H, Diehl P, Toepfer A. Percutaneous epidural lysis of adhesions in chronic lumbar radicular pain: a randomized, double-blind, placebo-controlled trial. Pain Physician. 2013 May-Jun;16(3):185-96. PubMed PMID: 23703406.

200: Doukas A. Commentary. J Neurosci Rural Pract. 2013 Jan;4(1):109-10. PubMed PMID: 23546380; PubMed Central PMCID: PMC3579032.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

<https://neurosurgerywiki.com/wiki/doku.php?id=kiel>

Last update: **2024/06/07 02:59**

