

## Publikationen 2020

- 1) Abrahamyan S, Eberspächer B, Hoshi MM, Aly L, Luessi F, Groppa S, Klotz L, Meuth SG, Schroeder C, Grüter T, Tackenberg B, Paul F, Then-Bergh F, Kümpfel T, Weber F, Stangel M, Bayas A, Wildemann B, Heesen C, Zettl U, Warnke C, Antony G, Hessler N, Wiendl H, Bittner S, Hemmer B, Gold R, Salmen A, Ruprecht K; German Competence Network Multiple Sclerosis (KKNMS); Other members of the KKNMS that acted as collaborators in this study. Complete Epstein-Barr virus seropositivity in a large cohort of patients with early multiple sclerosis. **J Neurol Neurosurg Psychiatry**. 2020 Jul;91(7):681-686
- 2) Altersberger VL, Sturzenegger R, Rätty S, Hametner C, Scheitz JF, Moulin S, van den Berg SA, Zini A, Nannoni S, Heldner MR, Jovanovic DR, Martinez-Majander N, Tiainen M, Valkonen K, Berberich A, Erdur H, Cordonnier C, Peters N, Gopisingh KM, Bigliardi G, Strambo D, De Marchis GM, Ntaios G, Cereda CW, Wegener S, Kägi G, Pezzini A, Padjen V, Arnold M, Michel P, Vandelli L, Nederkoorn PJ, Leys D, Nolte CH, Ringleb PA, Curtze S, Engelter ST, Gensicke H; Thrombolysis in Stroke Patients (TRISP) collaborators. Prior Dual Antiplatelet Therapy and Thrombolysis in Acute Stroke. **Ann Neurol**. 2020 Oct;88(4):857-859
- 3) Altersberger VL, Kellert L, Al Sultan AS, Martinez-Majander N, Hametner C, Eskandari A, Heldner MR, van den Berg SA, Zini A, Padjen V, Kägi G, Pezzini A, Polymeris A, DeMarchis GM, Tiainen M, Rätty S, Nannoni S, Jung S, Zonneveld TP, Maffei S, Bonati L, Lyrer P, Sibolt G, Ringleb PA, Arnold M, Michel P, Curtze S, Nederkoorn PJ, Engelter ST, Gensicke H; Thrombolysis in Stroke Patients (TRISP) collaborators. Effect of haemoglobin levels on outcome in intravenous thrombolysis-treated stroke patients. **Eur Stroke J**. 2020 Jun;5(2):138-147
- 4) Andermann M, Patterson RD, Rupp A. Transient and sustained processing of musical consonance in auditory cortex and the effect of musicality. **J Neurophysiol**. 2020 Apr 1;123(4):1320-1331
- 5) Anssar TM, Leitzmann MF, Linker RA, Meier C, Becker C, Jick S, Sahm K, Platten M, Hau P, Seliger C. Autoimmune diseases and immunosuppressive therapy in relation to the risk of glioma. **Cancer Med**. 2020 Feb;9(3):1263-1275
- 6) Aslan K, Turco V, Blobner J, Sonner JK, Liuzzi AR, Núñez NG, De Feo D, Kickingereeder P, Fischer M, Green E, Sadik A, Friedrich M, Sanghvi K, Kilian M, Cichon F, Wolf L, Jähne K, von Landenberg A, Bunse L, Sahm F, Schrimpf D, Meyer J, Alexander A, Brugnara G, Röth R, Pfeleiderer K, Niesler B, von Deimling A, Opitz C, Breckwoldt MO, Heiland S, Bendszus M, Wick W, Becher B, Platten M. Heterogeneity of response to immune checkpoint blockade in hypermutated experimental gliomas. **Nat Commun**. 2020 Feb 18;11(1):931
- 7) Asseyer S, Hamblin J, Messina S, Mariano R, Siebert N, Everett R, Küker W, Bellmann-Strobl J, Ruprecht K, Jarius S, Leite MI, U Brandt A, Paul F, Palace J. Prodromal headache in MOG-antibody positive optic neuritis. **Mult Scler Relat Disord**. 2020 May;40:101965
- 8) Balint B, Damasio J, Magrinelli F, Guerreiro R, Bras J, Bhatia KP. Psychiatric Manifestations of ATP13A2 Mutations. **Mov Disord Clin Pract**. 2020 Sep 4;7(7):838-841
- 9) Balint B, Guerreiro R, Carmona S, Dehghani N, Latorre A, Cordivari C, Bhatia KP, Bras J. KCNN2 mutation in autosomal-dominant tremulous myoclonus-dystonia. **Eur J Neurol**. 2020 Aug;27(8):1471-1477
- 10) Balint B, Lang AE. Expert comment to: Novel Xp21.1 deletion associated with unusual features in large McLeod syndrome kindred. **Parkinsonism Relat Disord**. 2020 Oct;79:133-134

- 11) Banan R, Stichel D, Bleck A, Hong B, Lehmann U, Suwala A, Reinhardt A, Schrimpf D, Buslei R, Stadelmann C, Ehlert K, Prinz M, Acker T, Schittenhelm J, Kaul D, Schweizer L, Capper D, Harter PN, Etminan N, Jones DTW, Pfister SM, Herold-Mende C, Wick W, Sahm F, von Deimling A, Hartmann C, Reuss DE. Infratentorial IDH-mutant astrocytoma is a distinct subtype. **Acta Neuropathol.** 2020 Oct;140(4):569-581
- 12) Berberich A, Bartels F, Tang Z, Knoll M, Pusch S, Hucke N, Kessler T, Dong Z, Wiestler B, Winkler F, Platten M, Wick W, Abdollahi A, Lemke D. LPTM5-CD40 Crosstalk in Glioblastoma Invasion and Temozolomide Resistance. **Front Oncol.** 2020 Jun 5;10:747
- 13) Berberich A, Schneider C, Herweh C, Hielscher T, Reiff T, Bendszus M, Gumbinger C, Ringleb P. Risk factors associated with progressive lacunar strokes and benefit from dual antiplatelet therapy. **Eur J Neurol.** 2020 May;27(5):817-824
- 14) Berberich A, Schmitt LM, Pusch S, Hielscher T, Rübmann P, Hucke N, Latzer P, Heßling B, Lemke D, Kessler T, Platten M, Wick W. cMyc and ERK activity are associated with resistance to ALK inhibitory treatment in glioblastoma. **J Neurooncol.** 2020 Jan;146(1):9-23
- 15) Berghoff AS, Breckwoldt MO, Riedemann L, Karimian-Jazi K, Loew S, Schlieter F, Furtner J, Cinci M, Thomas M, Strowitzki MJ, Marmé F, Michel LL, Schmidt T, Jäger D, Bendszus M, Preusser M, Wick W, Winkler F. Bevacizumab-based treatment as salvage therapy in patients with recurrent symptomatic brain metastases. **Neurooncol Adv.** 2020 Mar 16;2(1):1-9
- 16) Bernhardt D, Wick W, Weiss SE, Sahgal A, Lo SS, Suh JH, Chang EL, Foote M, Perry J, Meyer B, Vajkoczy P, Wen PY, Straube C, Pigorsch S, Wilkens JJ, Combs SE. Neuro-oncology Management During the COVID-19 Pandemic With a Focus on WHO Grade III and IV Gliomas. **Neuro Oncol.** 2020 May 5;22(7):928-935
- 17) Beynon C, Nofal M, Rizos T, Laible M, Sakowitz OW, Unterberg AW. Prothrombin complex concentrate for vitamin K antagonist reversal in traumatic intracranial hemorrhage. **J Clin Neurosci.** 2020 Sep;79:197-202
- 18) Bittner S, Steffen F, Uphaus T, Muthuraman M, Fleischer V, Salmen A, Luessi F, Berthele A, Klotz L, Meuth SG, Bayas A, Paul F, Hartung HP, Linker R, Heesen C, Stangel M, Wildemann B, Then Bergh F, Tackenberg B, Kuempfel T, Weber F, Zettl UK, Ziemann U, Tumani H, Groppa S, Mühlau M, Lukas C, Hemmer B, Wiendl H, Gold R, Zipp F; KKNMS consortium. Clinical implications of serum neurofilament in newly diagnosed MS patients: A longitudinal multicentre cohort study. **EBioMedicine.** 2020 Jun;56:102807
- 19) Bluhmki E, Danays T, Biegert G, Hacke W, Lees KR. Alteplase for Acute Ischemic Stroke in Patients Aged >80 Years: Pooled Analyses of Individual Patient Data. **Stroke.** 2020 Aug;51(8):2322-2331
- 20) Bösel J. Critical care physicians treating COVID-19: mind the nervous system! **Crit Care.** 2020 Jun 8;24(1):310
- 21) Bojcewski J, Stojic A, Hoffmann DB, Williams SK, Müller A, Diem R, Fairless R. Influence of retinal NMDA receptor activity during autoimmune optic neuritis. **J Neurochem.** 2020 Jun;153(6):693-709
- 22) Bonomo R, Latorre A, Balint B, Smilowska K, Rocchi L, Rothwell JC, Zappia M, Bhatia KP. Voluntary Inhibitory Control of Chorea: A Case Series. **Mov Disord Clin Pract.** 2020 Feb 20;7(3):308-312
- 23) Boxerman JL, Quarles CC, Hu LS, Erickson BJ, Gerstner ER, Smits M, Kaufmann TJ, Barboriak DP, Huang RH, Wick W, Weller M, Galanis E, Kalpathy-Cramer J, Shankar L, Jacobs P, Chung C, van den Bent MJ,

Chang S, Al Yung WK, Cloughesy TF, Wen PY, Gilbert MR, Rosen BR, Ellingson BM, Schmainda KM; Jumpstarting Brain Tumor Drug Development Coalition Imaging Standardization Steering Committee. Consensus recommendations for a dynamic susceptibility contrast MRI protocol for use in high-grade gliomas. **Neuro Oncol.** 2020 Sep 29;22(9):1262-1275

- 24) Brugnara G, Neuberger U, Mahmutoglu MA, Foltyn M, Herweh C, [Nagel S](#), [Schönenberger S](#), Heiland S, Ulfert C, [Ringleb PA](#), Bendszus M, Möhlenbruch MA, Pfaff JAR, Vollmuth P. Multimodal Predictive Modeling of Endovascular Treatment Outcome for Acute Ischemic Stroke Using Machine-Learning. **Stroke.** 2020 Dec;51(12):3541-3551
- 25) Brugnara G, Isensee F, Neuberger U, Bonekamp D, Petersen J, [Diem R](#), [Wildemann B](#), Heiland S, [Wick W](#), Bendszus M, Maier-Hein K, Kickingereder P. Automated volumetric assessment with artificial neural networks might enable a more accurate assessment of disease burden in patients with multiple sclerosis. **Eur Radiol.** 2020 Apr;30(4):2356-2364
- 26) [Busetto L](#), [Stang C](#), [Hoffmann J](#), [Amiri H](#), [Seher F](#), [Purrucker J](#), [Ringleb PA](#), [Nagel S](#), Bendszus M, [Wick W](#), [Gumbinger C](#); Stroke Consortium Rhine-Neckar. Patient-centredness in acute stroke care - a qualitative study from the perspectives of patients, relatives and staff. **Eur J Neurol.** 2020 Aug;27(8):1638-1646
- 27) [Busetto L](#), [Wick W](#), [Gumbinger C](#). How to use and assess qualitative research methods. **Neurol. Res. Pract.** 2020 May 27;2:14
- 28) Chelban V, Carecchio M, Rea G, Bowirrat A, Kirmani S, Magistrelli L, Efthymiou S, Schottlaender L, Vandrovцова J, Salpietro V, Salsano E, Pareyson D, Chiapparini L, Jan F, Ibrahim S, Khan F, Qarnain Z, Groppa S, Bajaj N, [Balint B](#), Bhatia KP, Lees A, Morrison PJ, Wood NW, Garavaglia B, Houlden H. MYORG-related disease is associated with central pontine calcifications and atypical parkinsonism. **Neurol Genet.** 2020 Feb 20;6(2):e399
- 29) Cif L, Demailly D, Lin JP, Barwick KE, Sa M, Abela L, Malhotra S, Chong WK, Steel D, Sanchis-Juan A, Ngoh A, Trump N, Meyer E, Vasques X, Rankin J, Allain MW, Applegate CD, Attaripour Isfahani S, Baleine J, [Balint B](#), Bassetti JA, Baple EL, Bhatia KP, Blanchet C, Burglen L, Cambonie G, Seng EC, Bastaraud SC, Cyprien F, Coubes C, d'Hardemare V; Deciphering Developmental Disorders Study, Doja A, Dorison N, Doummar D, Dy-Hollins ME, Farrelly E, Fitzpatrick DR, Fearon C, Fieg EL, Fogel BL, Forman EB, Fox RG; Genomics England Research Consortium, Gahl WA, Galosi S, Gonzalez V, Graves TD, Gregory A, Hallett M, Hasegawa H, Hayflick SJ, Hamosh A, Hully M, Jansen S, Jeong SY, Krier JB, Krystal S, Kumar KR, Laurencin C, Lee H, Lesca G, François LL, Lynch T, Mahant N, Martinez-Agosto JA, Milesi C, Mills KA, Mondain M, Morales-Briceno H; NIHR BioResource, Ostergaard JR, Pal S, Pallais JC, Pavillard F, Perrigault PF, Petersen AK, Polo G, Poulén G, Rinne T, Roujeau T, Rogers C, Roubertie A, Sahagian M, Schaefer E, Selim L, Selway R, Sharma N, Signer R, Soldatos AG, Stevenson DA, Stewart F, Tchan M; Undiagnosed Diseases Network, Verma IC, de Vries BBA, Wilson JL, Wong DA, Zaitoun R, Zhen D, Znaczko A, Dale RC, de Gusmão CM, Friedman J, Fung VSC, King MD, Mohammad SS, Rohena L, Waugh JL, Toro C, Raymond FL, Topf M, Coubes P, Gorman KM, Kurian MA. KMT2B-related disorders: expansion of the phenotypic spectrum and long-term efficacy of deep brain stimulation. **Brain.** 2020 Dec 5;143(11):3242-3261
- 30) Climans SA, Brandes AA, Cairncross JG, Ding K, Fay M, Laperriere N, Menten J, Nishikawa R, O'Callaghan CJ, Perry JR, Phillips C, Roa W, [Wick W](#), Winch C, Mason WP. Temozolomide and seizure outcomes in a randomized clinical trial of elderly glioblastoma patients. **J Neurooncol.** 2020 Aug;149(1):65-71
- 31) Coomans MB, Taphoorn M, Aaronson N, Baumert B, van den Bent M, Bottomley A, Brandes A, Chinot O, Coens C, Gorlia T, Herrlinger U, Keime F, Guibert, Malmström A, Martinelli F, Stupp R, Talacchi A,

- Weller M, Wick W, Reijneveld JC, Dirven L, EORTC Quality of Life Group and the EORTC Brain Tumor Group. Measuring change in health-related quality of life: the impact of different analytical methods on the interpretation of treatment effects in glioma patients. **Neuro-Oncology Practice**. 2020 Jun 7;7(6):668-675
- 32) D'Anna L, Filippidis FT, Antony S, Brown Z, Wyatt H, Malik A, Sivakumaran P, Harvey K, Marinescu M, Bentley P, Korompoki E, Veltkamp R. Early initiation of direct anticoagulation after stroke in patients with atrial fibrillation. **Eur J Neurol**. 2020 Nov;27(11):2168-2175
- 33) D'Anna L, Kar A, Brown Z, Harvey K, Banerjee S, Korompoki E, Veltkamp R. Automated Continuous Electrocardiogram Monitoring Accelerates the Detection of Atrial Fibrillation after Ischemic Stroke or Transient Ischemic Attack on a Hyper Acute Stroke Unit. **J Stroke Cerebrovasc Dis**. 2020 Apr;29(4):104669
- 34) Davis SM, Hacke W, Norrving B, Brainin M, Lees KR, Donnan GA. International Impact of Stroke. **Stroke**. 2020 Mar;51(3):1036-1039
- 35) Delgado-García G, Balint B. Hashimoto's Encephalopathy: Back to Square One. **Mov Disord Clin Pract**. 2020 Jul 16;7(6):627-628
- 36) Deng MY, Sill M, Sturm D, Stichel D, Witt H, Ecker J, Wittmann A, Schittenhelm J, Ebinger M, Schuhmann MU, Figarella-Branger D, Aronica E, Staszewski O, Preusser M, Haberler C, Lauten M, Schüller U, Hartmann C, Snuderl M, Dunham C, Jabado N, Wesseling P, Deckert M, Keyvani K, Gottardo N, Giangaspero F, von Hoff K, Ellison DW, Pietsch T, Herold Mende C, Milde T, Witt O, Kool M, Korshunov A, Wick W, von Deimling A, Pfister SM, Jones DTW, Sahm F. Diffuse Glioneuronal tumour with Oligodendroglioma-like features and Nuclear Clusters (DGONC) - a molecularly-defined glioneuronal CNS tumour class displaying recurrent monosomy 14. **Neuropathol Appl Neurobiol**. 2020 Aug;46(5):422-430
- 37) De Potter T, Yodfat O, Shinar G, Neta A, Reddy VY, Neuzil P, Veltkamp R, Connolly SJ. Permanent Bilateral Carotid Filters for Stroke Prevention in Atrial Fibrillation. **Curr Cardiol Rep**. 2020 Sep 10;22(11):144
- 38) Dirven L, Luerding R, Beier D, Bumes E, Reinert C, Seidel C, Bonsanto MM, Bremer M, Rieken S, Combs SE, Herrlinger U, Seliger C, Kuntze H, Mayer-Steinacker R, Dieing A, Bartels C, Schnell O, Weyerbrock A, Seidel S, Grauer O, Nadji-Ohl M, Paulsen F, Weller M, Wick W, Hau P. Neurocognitive functioning and health-related quality of life in adult medulloblastoma patients: long-term outcomes of the NOA-07 study. **J Neurooncol**. 2020 May;148(1):117-130
- 39) Dorst J, Schuster J, Dreyhaupt J, Witzel S, Weishaupt JH, Kassubek J, Weiland U, Petri S, Meyer T, Grehl T, Hermann A, Jordan B, Grosskreutz J, Zeller D, Boentert M, Schrank B, Prudlo J, Winkler AS, Gorbulev S, Roselli F, Dupuis L, Otto M, Ludolph AC. Effect of high-caloric nutrition on serum neurofilament light chain levels in amyotrophic lateral sclerosis. **J Neurol Neurosurg Psychiatry**. 2020 Sep;91(9):1007-1009
- 40) Engel S, Graetz C, Salmen A, Muthuraman M, Toenges G, Ambrosius B, Bayas A, Berthele A, Heesen C, Klotz L, Kümpfel T, Linker RA, Meuth SG, Paul F, Stangel M, Tackenberg B, Then Bergh F, Tumani H, Weber F, Wildemann B, Zettl UK, Antony G, Bittner S, Groppa S, Hemmer B, Wiendl H, Gold R, Zipp F, Lill CM, Luessi F; German Competence Network of Multiple Sclerosis. Is APOE ε4 associated with cognitive performance in early MS? **Neurol Neuroimmunol Neuroinflamm**. 2020 May 1;7(4):e728
- 41) Epple C, Maurer-Burkhard B, Lichti MC, Steiner T. Vojta therapy improves postural control in very early stroke rehabilitation: a randomised controlled pilot trial. **Neurol Res Pract**. 2020 Aug 20;2:23

- 42) Eyding J, Bartig D, Weber R, Hacke W, Krogias C. Supplementary Methodological and Clinical Aspects. **Dtsch Arztebl Int.** 2020 Mar 20;117(12):211-212
- 43) Fairless R, Williams SK, Katiyar R, Maxeiner S, Schmitz F, Diem R. ERG Responses in Mice with Deletion of the Synaptic Ribbon Component RIBEYE. **Invest Ophthalmol Vis Sci.** 2020 May 11;61(5):37
- 44) Foltyn M, Nieto Taborda KN, Neuberger U, Brugnara G, Reinhardt A, Stichel D, Heiland S, Herold-Mende C, Unterberg A, Debus J, von Deimling A, Wick W, Bendszus M, Kickingeder P. T2/FLAIR-mismatch sign for noninvasive detection of IDH-mutant 1p/19q non-codeleted gliomas: validity and pathophysiology. **Neurooncol Adv.** 2020 Jan 10;2(1):vdaa004
- 45) Fuhrer H, Schönenberger S, Niesen WD, Seide S, Meyne J, Gerner ST, Vollmuth C, Beck C, Meckel S, Schocke M, Wodarg F, Huttner HB, Möhlenbruch MA, Kieser M, Ringleb P, Neugebauer H; IGNITE-study group. Correction to: Endovascular stroke treatment's impact on malignant type of edema (ESTIMATE). **J Neurol.** 2020 Aug;267(8):2481
- 46) Gasperi C, Andlauer TFM, Keating A, Knier B, Klein A, Pernpeintner V, Lichtner P, Gold R, Zipp F, Then Bergh F, Stangel M, Tumani H, Wildemann B, Wiendl H, Bayas A, Kümpfel T, Zettl UK, Linker RA, Ziemann U, Knop M, Warnke C, Friese MA, Paul F, Tackenberg B, Berthele A, Hemmer B. Genetic determinants of the humoral immune response in MS. **Neurol Neuroimmunol Neuroinflamm.** 2020 Jul 16;7(5):e827
- 47) Gastaldi M, Scaranzin S, Jarius S, Wildemann B, Zardini E, Mallucci G, Rigoni E, Vegezzi E, Foadelli T, Savasta S, Banfi P, Versino M, Benedetti L, Novi G, Mancardi MM, Giacomini T, Annovazzi P, Baroncini D, Ferraro D, Lampasona V, Reindl M, Waters P, Franciotta D. Cell-based assays for the detection of MOG antibodies: a comparative study. **J Neurol.** 2020 Dec;267(12):3555-3564
- 48) Gövert F, Leypoldt F, Junker R, Wandinger KP, Deuschl G, Bhatia K, Balint B. Antibody-related movement disorders – a comprehensive review of phenotype-autoantibody correlations and a guide to testing. **Neurol Res Pract.** 2020 Feb 20;2:6
- 49) Gövert F, Becktepe J, Balint B, Rocchi L, Brugger F, Garrido A, Walter T, Hannah R, Rothwell J, Elble R, Deuschl G, Bhatia K. Temporal discrimination is altered in patients with isolated asymmetric and jerky upper limb tremor. **Mov Disord.** 2020 Feb;35(2):306-315
- 50) Goldbrunner R, Weller M, Regis J, Lund-Johansen M, Stavrinou P, Reuss D, Evans DG, Lefranc F, Sallabanda K, Falini A, Axon P, Sterkers O, Fariselli L, Wick W, Tonn JC. EANO Guideline on the Diagnosis and Treatment of Vestibular Schwannoma. **Neuro Oncol.** 2020 Jan 11;22(1):31-45
- 51) Goyal M, Ospel JM, Menon B, Almekhlafi M, Jayaraman M, Fiehler J, Psychogios M, Chapot R, van der Lugt A, Liu J, Yang P, Agid R, Hacke W, Walker M, Fischer U, Asdaghi N, McTaggart R, Srivastava P, Nogueira RG, Moret J, Saver JL, Hill MD, Dippel D, Fisher M. Challenging the Ischemic Core Concept in Acute Ischemic Stroke Imaging. **Stroke.** 2020 Oct;51(10):3147-3155
- 52) Grosse-Holz VM, Nikendei C, Andermann M, Ringleb PA, Friederich HC, Rizos T. Predictors of posttraumatic stress following transient ischemic attack: An observational cohort study. **J Psychosom Res.** 2020 Jul 29;137:110205:1-8
- 53) Grüter T, Ott A, Meyer W, Jarius S, Kinner M, Motte J, Pitarokoili K, Gold R, Komorowski L, Ayzenberg I. Effects of IVIg treatment on autoantibody testing in neurological patients: marked reduction in sensitivity but reliable specificity. **J Neurol.** 2020 Mar;267(3):715-720

- 54) Gumbinger C, Reuter B, Stock C. Author response: Outcomes of patients with stroke treated with thrombolysis according to prestroke Rankin Scale scores. **Neurology**. 2020 Sep 15;95(11):507
- 55) Hacke W. Neurological research and practice: the first year. **Neurol Res Pract**. 2020 Feb 28;2:5
- 56) Hacke W, Bassand JP, Virdone S, Camm A, Fitzmaurice DA, Fox K, Goldhaber S, Goto S, Haas S, Kayani G, Mantovani LG, Misselwitz F, Pieper K, Turpie A, Eickels M, Verheugt F, Kakkar A, GARFIELD-AF Investigators. Prior stroke and transient ischemic attack as risk factors for subsequent stroke in atrial fibrillation patients: A report from the GARFIELD-AF registry. **Int J Stroke**. 2020 Apr;15(3):308-317
- 57) Hadders-Algra M, Tacke U, Pietz J, Rupp A, Philippi H. Standardized Infant NeuroDevelopmental Assessment developmental and socio-emotional scales: reliability and predictive value in an at-risk population. **Dev Med Child Neurol**. 2020 Jul;62(7):845-853
- 58) Hadjivassiliou M, Graus F, Honnorat J, Jarius S, Titulaer M, Manto M, Hoggard N, Sarrigiannis P, Mitoma H. Diagnostic Criteria for Primary Autoimmune Cerebellar Ataxia-Guidelines from an International Task Force on Immune-Mediated Cerebellar Ataxias. **Cerebellum**. 2020 Aug;19(4):605-610
- 59) Hagenacker T, Wurster CD, Günther R, Schreiber-Katz O, Osmanovic A, Petri S, Weiler M, Ziegler A, Kuttler J, Koch JC, Schneider I, Wunderlich G, Schloss N, Lehmann HC, Cordts I, Deschauer M, Lingor P, Kamm C, Stolte B, Pietruck L, Totzeck A, Kizina K, Mönninghoff C, von Velsen O, Ose C, Reichmann H, Forsting M, Pechmann A, Kirschner J, Ludolph AC, Hermann A, Kleinschnitz C. Nusinersen in adults with 5q spinal muscular atrophy: a non-interventional, multicentre, observational cohort study. **Lancet Neurol**. 2020 Apr;19(4):317-325
- 60) Heitmann H, Haller B, Tiemann L, Mühlau M, Berthele A, Tölle TR, Salmen A, Ambrosius B, Bayas A, Asseger S, Hartung HP, Heesen C, Stangel M, Wildemann B, Haars S, Groppa S, Luessi F, Kümpfel T, Nischwitz S, Meuth SG, Klotz L, Linker RA, Zettl UK, Ziemann U, Tumani H, Tackenberg B, Zipp F, Wiendl H, Gold R, Hemmer B, Ploner M; German Competence Network Multiple Sclerosis (KKNMS). Longitudinal prevalence and determinants of pain in multiple sclerosis: results from the German National Multiple Sclerosis Cohort study. **Pain**. 2020 Apr;161(4):787-796
- 61) Hemmerich F, Weyland CS, Schönenberger S, Ringleb PA, Möhlenbruch MA, Bendszus M, Pfaff JA. Effect of mode of anesthesia on radiation exposure in patients undergoing endovascular recanalization of anterior circulation embolic stroke. **J Neurointerv Surg**. 2020 May;12(5):455-459
- 62) Hill MD, Goyal M, Menon BK, Nogueira RG, McTaggart RA, Demchuk AM, Poppe AY, Buck BH, Field TS, Dowlatshahi D, van Adel BA, Swartz RH, Shah RA, Sauvageau E, Zerna C, Ospel JM, Joshi M, Almekhlafi MA, Ryckborst KJ, Lowerison MW, Heard K, Garman D, Haussen D, Cutting SM, Coutts SB, Roy D, Rempel JL, Rohr AC, Iancu D, Sahlas DJ, Yu AYX, Devlin TG, Hanel RA, Puetz V, Silver FL, Campbell BCV, Chapot R, Teitelbaum J, Mandzia JL, Kleinig TJ, Turkel-Parrella D, Heck D, Kelly ME, Bharatha A, Bang OY, Jadhav A, Gupta R, Frei DF, Tarpley JW, McDougall CG, Holmin S, Rha JH, Puri AS, Camden MC, Thomalla G, Choe H, Phillips SJ, Schindler JL, Thornton J, Nagel S, Heo JH, Sohn SI, Psychogios MN, Budzik RF, Starkman S, Martin CO, Burns PA, Murphy S, Lopez GA, English J, Tymianski M; ESCAPE-NA1 Investigators. Efficacy and safety of nerinetide for the treatment of acute ischaemic stroke (ESCAPE-NA1): a multicentre, double-blind, randomised controlled trial. **Lancet**. 2020 Mar 14;395(10227):878-887
- 63) Hoyer C, Stein P, Ebert A, Rausch HW, Nagel S, Eisele P, Alonso A, Platten M, Szabo K. Comparing Expert and Non-Expert Assessment of Patients Presenting with Neurological Symptoms to the Emergency Department: A Retrospective Observational Study. **Neuropsychiatr Dis Treat**. 2020 Feb 13;16:447-456

- 64) Iankova V, Respondek G, Saranza G, Painous C, Cámara A, Compta Y, Aiba I, Balint B, Giagkou N, Josephs KA, Otsuki M, Golbe LI, Bhatia KP, Stamelou M, Lang AE, Höglinger GU; Movement Disorder Society-endorsed PSP Study Group. Video-tutorial for the Movement Disorder Society criteria for progressive supranuclear palsy. **Parkinsonism Relat Disord**. 2020 Sep;78:200-203
- 65) Jacobi H, du Montcel ST, Romanzetti S, Harmuth F, Mariotti C, Nanetti L, Rakowicz M, Makowicz G, Durr A, Monin ML, Filla A, Roca A, Schöls L, Hengel H, Infante J, Kang JS, Timmann D, Casali C, Masciullo M, Baliko L, Melegh B, Nachbauer W, Bürk-Gergs K, Schulz JB, Riess O, Reetz K, Klockgether T. Conversion of individuals at risk for spinocerebellar ataxia types 1, 2, 3, and 6 to manifest ataxia (RISCA): a longitudinal cohort study. **Lancet Neurol**. 2020 Sep;19(9):738-747
- 66) Jarius S, Paul F, Weinshenker BG, Levy M, Kim HJ, Wildemann B. Neuromyelitis optica. **Nat Rev Dis Primers**. 2020 Oct 22;6(1):85
- 67) Jarius S, Lechner C, Wendel EM, Baumann M, Breu M, Schimmel M, Karenfort M, Marina AD, Merckenschlager A, Thiels C, Blaschek A, Salandin M, Leiz S, Leyboldt F, Pschibul A, Hackenberg A, Hahn A, Syrbe S, Strautmanis J, Häusler M, Krieg P, Eisenkölbl A, Stoffels J, Eckenweiler M, Ayzenberg I, Haas J, Höftberger R, Kleiter I, Korporal-Kuhnke M, Ringelstein M, Ruprecht K, Siebert N, Schanda K, Aktas O, Paul F, Reindl M, Wildemann B, Rostásy K; in cooperation with the BIOMARKER study group and the Neuromyelitis optica Study Group (NEMOS). Cerebrospinal fluid findings in patients with myelin oligodendrocyte glycoprotein (MOG) antibodies. Part 2: Results from 108 lumbar punctures in 80 pediatric patients. **J Neuroinflammation**. 2020 Sep 3;17(1):262
- 68) Jarius S, Pellkofer H, Siebert N, Korporal-Kuhnke M, Hümmert MW, Ringelstein M, Rommer PS, Ayzenberg I, Ruprecht K, Klotz L, Asgari N, Zrzavy T, Höftberger R, Tobia R, Buttman M, Fechner K, Schanda K, Weber M, Asseyer S, Haas J, Lechner C, Kleiter I, Aktas O, Trebst C, Rostasy K, Reindl M, Kümpfel T, Paul F, Wildemann B; in cooperation with the Neuromyelitis Optica Study Group (NEMOS). Cerebrospinal fluid findings in patients with myelin oligodendrocyte glycoprotein (MOG) antibodies. Part 1: Results from 163 lumbar punctures in 100 adult patients. **J Neuroinflammation**. 2020 Sep 3;17(1):261
- 69) Johnson RM, Phillips HS, Bais C, Brennan CW, Cloughesy TF, Daemen A, Herrlinger U, Jenkins RB, Lai A, Mancao C, Weller M, Wick W, Bourgon R, Garcia J. Development of a gene expression-based prognostic signature for IDH wild-type glioblastoma. **Neuro Oncol**. 2020 Dec 18;22(12):1742-1756
- 70) Jordan B, Margulies A, Cardoso F, Cavaletti G, Haugnes HS, Jahn P, Le Rhun E, Preusser M, Scotté F, Taphoorn MJB, Jordan K; ESMO Guidelines Committee. Systemic anticancer therapy-induced peripheral and central neurotoxicity: ESMO-EONS-EANO Clinical Practice Guidelines for diagnosis, prevention, treatment and follow-up. **Ann Oncol**. 2020 Oct;31(10):1306-1319
- 71) Juenger V, Cooper G, Chien C, Chikermane M, Oertel FC, Zimmermann H, Ruprecht K, Jarius S, Siebert N, Kuchling J, Papadopoulou A, Asseyer S, Bellmann-Strobl J, Paul F, Brandt AU, Scheel M. Optic chiasm measurements may be useful markers of anterior optic pathway degeneration in neuromyelitis optica spectrum disorders. **Eur Radiol**. 2020 Sep;30(9):5048-5058
- 72) Jung E, Alfonso J, Monyer H, Wick W, Winkler F. Neuronal signatures in cancer. **Int J Cancer**. 2020 Dec 15;147(12):3281-3291
- 73) Karimian-Jazi K, Münch P, Alexander A, Fischer M, Pfeleiderer K, Piechutta M, Karreman MA, Solecki GM, Berghoff AS, Friedrich M, Deumelandt K, Kurz FT, Wick W, Heiland S, Bendszus M, Winkler F, Platten M, Breckwoldt MO. Monitoring innate immune cell dynamics in the glioma microenvironment

by magnetic resonance imaging and multiphoton microscopy (MR-MPM). **Theranostics**. 2020 Jan 1;10(4):1873-1883

- 74) Karreman M, Winkler F. Targeting an adhesion molecule to prevent brain colonization of lung cancer. **Neuro Oncol**. 2020 Jul 7;22(7):899-900
- 75) Kermer P, Eschenfelder CC, Diener HC, Grond M, Abdalla Y, Abraham A, Althaus K, Becks G, Berrouschot J, Berthel J, Bode FJ, Burghaus L, Cangür H, Daffertshofer M, Edelbusch S, Eggers J, Gerlach R, Gröschel K, Große-Dresselhaus F, Günther A, Haase CG, Haensch CA, Harloff A, Heckmann JG, Held V, Hieber M, Kauert A, Kern R, Kerz T, Köhrmann M, Kraft P, Kühnlein P, Latta J, Leinisch E, Lenz A, Leithner C, Neumann-Haefelin T, Mäurer M, Müllges W, Nolte CH, Obermann M, Partowi S, Patzschke P, Poli S, Pulkowski U, Purrucker J, Rehfeldt T, Ringleb PA, Röther J, Rossi R, El-Sabassy H, Sauer O, Schackert G, Schäfer N, Schellinger PD, Schneider A, Schuppner R, Schwab S, Schwarte O, Seitz RJ, Senger S, Shah YP, Sindern E, Sparenberg P, Steiner T, Szabo K, Urbanek C, Sarnowksi BV, Weissenborn K, Wienecke P, Witt K, Wruck R, Wunderlich S. Antagonizing dabigatran by idarucizumab in cases of ischemic stroke or intracranial hemorrhage in Germany-Updated series of 120 cases. **Int J Stroke**. 2020 Aug;15(6):609-618
- 76) Kessler T, Berberich A, Sadik A, Sahn F, Gorlia T, Meisner C, Hoffmann DC, Wick A, Kickingereeder P, Rübmann P, Bendszus M, Opitz C, Weller M, van den Bent M, Stupp R, Winkler F, Brandes A, von Deimling A, Platten M, Wick W. Methylome analyses of three glioblastoma cohorts reveal chemotherapy sensitivity markers within DDR genes. **Cancer Med**. 2020 Nov;9(22):8373-8385
- 77) Kessler T, Berberich A, Casalini B, Drüschler K, Ostermann H, Dormann A, Walter S, Hai L, Schlesner M, Herold-Mende C, Jungk C, Unterberg A, Bendszus M, Sahn K, von Deimling A, Winkler F, Platten M, Wick W, Sahn F, Wick A. Molecular profiling-based decision for targeted therapies in IDH wild-type glioblastoma. **Neurooncol Adv**. 2020 Jan 22;2(1):vdz060
- 78) Kessler T, Latzer P, Schmid D, Warnken U, Saffari A, Ziegler A, Kollmer J, Möhlenbruch M, Ulfert C, Herweh C, Wildemann B, Wick W, Weiler M. Cerebrospinal fluid proteomic profiling in nusinersen-treated patients with spinal muscular atrophy. **J Neurochem**. 2020 Jun;153(5):650-661
- 79) Kickingereeder P, Brugnara G, Hansen MB, Nowosielski M, Pflüger I, Schell M, Isensee F, Foltyn M, Neuberger U, Kessler T, Sahn F, Wick A, Heiland S, Weller M, Platten M, von Deimling A, Maier-Hein KH, Østergaard L, van den Bent MJ, Gorlia T, Wick W, Bendszus M. Noninvasive Characterization of Tumor Angiogenesis and Oxygenation in Bevacizumab-treated Recurrent Glioblastoma by Using Dynamic Susceptibility MRI: Secondary Analysis of the European Organization for Research and Treatment of Cancer 26101 Trial. **Radiology**. 2020 Oct;297(1):164-175
- 80) Kiesel B, Thomé CM, Weiss T, Jakola AS, Darlix A, Pellerino A, Furtner J, Kerschbaumer J, Freyschlag CF, Wick W, Preusser M, Widhalm G, Berghoff AS. Perioperative imaging in patients treated with resection of brain metastases: a survey by the European Association of Neuro-Oncology (EANO) Youngsters committee. **BMC Cancer**. 2020 May 12;20(1):410
- 81) Klein M, Angstwurm K, Esser S, Hahn K, Maschke M, Scheithauer S, Schoefer H, Sturzenegger M, Wildemann B, Weber J. German guidelines on the diagnosis and treatment of neurosyphilis. **Neurol Res Pract**. 2020 Nov 17;2:33
- 82) Kollmer J, Hegenbart U, Kimmich C, Hund E, Purrucker JC, Hayes JM, Lentz SI, Sam G, Jende JME, Schönland SO, Bendszus M, Heiland S, Weiler M. Magnetization transfer ratio quantifies polyneuropathy in hereditary transthyretin amyloidosis. **Ann Clin Transl Neurol**. 2020 May;7(5):799-807



- 83) Kovalchuk B, Berghoff AS, Karreman MA, Frey K, Piechutta M, Fischer M, Grosch J, Heiland S, Breckwoldt MO, Hilberg F, Wick W, Winkler F. Nintedanib and a bi-specific anti-VEGF/Ang2 nanobody selectively prevent brain metastases of lung adenocarcinoma cells. **Clin Exp Metastasis**. 2020 Dec;37(6):637-648
- 84) Kremenz NA, Landman A, Gardener HE, Arauz A, Rodriguez AD, Cannon H, Lau HL, Sur N, Marulanda-Londoño E, Yavagal DR, Yan B, Nagel S, Demchuk AM, Khatri P, Romano JG, Asdaghi N. Endovascular Therapy in Mild Ischemic Strokes Presenting Under 6 hours: An International Survey. **J Stroke Cerebrovasc Dis**. 2020 Nov;29(11):105234
- 85) Kudo T, Prentzell MT, Mohapatra SR, Sahm F, Zhao Z, Grummt I, Wick W, Opitz CA, Platten M, Green EW. Constitutive Expression of the Immunosuppressive Tryptophan Dioxygenase TDO2 in Glioblastoma Is Driven by the Transcription Factor C/EBP $\beta$ . **Front Immunol**. 2020 May 14;11:657
- 86) Lampe A, Winschel A, Lang C, Steiner T. Guillain-Barré syndrome and SARS-CoV-2. **Neurol Res Pract**. 2020;2(1):19
- 87) Lassman AB, Joanta-Gomez AE, Pan PC, Wick W. Current usage of tumor treating fields for glioblastoma. **Neurooncol Adv**. 2020 Jun 4;2(1):1-9
- 88) Lercher A, Popa AM, Viczenczova C, Kosack L, Klavins K, Agerer B, Opitz CA, Lanz TV, Platten M, Bergthaler A. Hepatocyte-intrinsic type I interferon signaling reprograms metabolism and reveals a novel compensatory mechanism of the tryptophan-kynurenine pathway in viral hepatitis. **PLoS Pathog**. 2020 Oct 12;16(10):e1008973
- 89) Liu J, Mori M, Zimmermann H, Brandt A, Havla J, Tanaka S, Sugimoto K, Oji S, Uzawa A, Asseyer S, Cooper G, Jarius S, Bellmann-Strobl J, Ruprecht K, Siebert N, Masuda H, Uchida T, Ohtani R, Nomura K, Meinel E, Kuempfel T, Paul F, Kuwabara S. Anti-MOG antibody-associated disorders: differences in clinical profiles and prognosis in Japan and Germany. **J Neurol Neurosurg Psychiatry**. 2020 Nov 20;0:1-7
- 90) Ludolph AC, Dorst J, Dreyhaupt J, Weishaupt JH, Kassubek J, Weiland U, Meyer T, Petri S, Hermann A, Emmer A (replaced by Jordan B), Grosskreutz J, Grehl T, Zeller D, Boentert M, Schrank B, Prudlo J, Winkler AS, Gorbulev S, Roselli F, Schuster J, Dupuis L; LIPCAL-ALS Study Group. Effect of High-Caloric Nutrition on Survival in Amyotrophic Lateral Sclerosis. **Ann Neurol**. 2020 Feb;87(2):206-216
- 91) Lyudmilov C, Petersone D, Schmidt C, Bösel J, Rösche J. Breach Rhythm May Be Suppressed as a Form of Todd's Paralysis. **J Clin Neurophysiol**. 2020 May;37(3):271-273
- 92) Magrinelli F, Latorre A, Balint B, Mackenzie M, Mulroy E, Stamelou M, Tinazzi M, Bhatia KP. Isolated and combined genetic tremor syndromes: a critical appraisal based on the 2018 MDS criteria. **Parkinsonism Relat Disord**. 2020 Aug;77:121-140
- 93) Mao-Draayer Y, Thiel S, Mills EA, Chitnis T, Fabian M, Katz Sand I, Leite MI, Jarius S, Hellwig K. Neuromyelitis optica spectrum disorders and pregnancy: therapeutic considerations. **Nat Rev Neurol**. 2020 Mar;16(3):154-170
- 94) Monje M, Borniger JC, D'Silva NJ, Deneen B, Dirks PB, Fattahi F, Frenette PS, Garzia L, Gutmann DH, Hanahan D, Hervey-Jumper SL, Hondermarck H, Hurov JB, Kepecs A, Knox SM, Lloyd AC, Magnon C, Saloman JL, Segal RA, Sloan EK, Sun X, Taylor MD, Tracey KJ, Trotman LC, Tuveson DA, Wang TC, White RA, Winkler F. Roadmap for the Emerging Field of Cancer Neuroscience. **Cell**. 2020 Apr 16;181(2):219-222

- 95) Moscovich M, Heinzl S, Postuma RB, Reilmann R, Klockgether T, Jacobi H, Höglinger G, Berg D. How specific are non-motor symptoms in the prodrome of Parkinson's disease compared to other movement disorders? **Parkinsonism Relat Disord**. 2020 Dec;81:213-218
- 96) Müller J, Ringhof S, Vollmer M, Jäger LB, Stein T, Weiler M, Wiskemann J. Out of balance - Postural control in cancer patients before and after neurotoxic chemotherapy. **Gait Posture**. 2020 Mar;77:156-163
- 97) Mulroy E, Balint B, Bhatia KP. Tardive syndromes. **Pract Neurol**. 2020 Oct;20(5):368-376
- 98) Mulroy E, Jaunmuktane Z, Balint B, Erro R, Latorre A, Bhatia KP. Some New and Unexpected Tauopathies in Movement Disorders. **Mov Disord Clin Pract**. 2020 Aug 3;7(6):616-626
- 99) Nagel S, Joly O, Pfaff J, Papanagiotou P, Fassbender K, Reith W, Möhlenbruch MA, Herweh C, Grunwald IQ. e-ASPECTS derived acute ischemic volumes on non-contrast-enhanced computed tomography images. **Int J Stroke**. 2020 Dec;15(9):995-1001
- 100) Nagel S, Haussen DC, Nogueira RG. Importance of the Intention-to-Treat Principle. **JAMA Neurol**. 2020 Jul 1;77(7):905-906
- 101) Narayanan A, Blanco-Carmona E, Demirdizen E, Sun X, Herold-Mende C, Schlesner M, Turcan S. Nuclei Isolation from Fresh Frozen Brain Tumors for Single-Nucleus RNA-seq and ATAC-seq. **J Vis Exp**. 2020 Aug 25;(162);e61542
- 102) Narayanan A, Turcan S. The Magnifying GLASS: Longitudinal Analysis of Adult Diffuse Gliomas. **Cell**. 2020 Feb 6;180(3):407-409
- 103) Nagel S, Pfaff J, Herweh C, Schieber S, Mundiyanapurath S, Schönenberger S, Seker F, Möhlenbruch MA, Ringleb PA. Distal arterial occlusions in patients with mild strokes - is endovascular therapy superior to thrombolysis alone? **J Stroke Cerebrovasc Dis**. 2020 Jul;29(7):1-7
- 104) Neuberger U, Moteva K, Vollherbst DF, Schönenberger S, Reiff T, Ringleb PA, Bendszus M, Pfaff JAR, Möhlenbruch M. Tandem occlusions in acute ischemic stroke - impact of antithrombotic medication and complementary heparin on clinical outcome and stent patency. **J Neurointerv Surg**. 2020 Nov;12(11):1088-1093
- 105) Neuberger U, Nagel S, Pfaff J, Ringleb PA, Herweh C, Bendszus M, Möhlenbruch MA, Kickingeder P. Impact of slice thickness on clinical utility of automated Alberta Stroke Program Early Computed Tomography Scores. **Eur Radiol**. 2020 Jun;30(6):3137-3145
- 106) Neumann B, Angstwurm K, Mergenthaler P, Kohler S, Schönenberger S, Bösel J, Neumann U, Vidal A, Huttner HB, Gerner ST, Thieme A, Steinbrecher A, Dunkel J, Roth C, Schneider H, Schimmel E, Fuhrer H, Fahrendorf C, Alberty A, Zinke J, Meisel A, Dohmen C, Stetefeld HR; German Myasthenic Crisis Study Group. Myasthenic crisis demanding mechanical ventilation: A multicenter analysis of 250 cases. **Neurology**. 2020 Jan 21;94(3):e299-e313
- 107) Nothdurft S, Thumser-Henner C, Breitenbücher F, Okimoto RA, Dorsch M, Opitz CA, Sadik A, Esser C, Hölzel M, Asthana S, Forster J, Beisser D, Kalmbach S, Grüner BM, Bivona TG, Schramm A, Schuler M. Functional screening identifies aryl hydrocarbon receptor as suppressor of lung cancer metastasis. **Oncogenesis**. 2020 Nov 19;9(11):102;1-12

- 108) Opitz CA, Somarribas Patterson LF, Mohapatra SR, Dewi DL, Sadik A, Platten M, Trump S. The therapeutic potential of targeting tryptophan catabolism in cancer. **Br J Cancer**. 2020 Jan;122(1):30-44
- 109) Ostkamp P, Salmen A, Pignolet B, Görlich D, Andlauer TFM, Schulte-Mecklenbeck A, Gonzalez-Escamilla G, Bucciarelli F, Gennero I, Breuer J, Antony G, Schneider-Hohendorf T, Mykicky N, Bayas A, Then Bergh F, Bittner S, Hartung HP, Friese MA, Linker RA, Luessi F, Lehmann-Horn K, Mühlau M, Paul F, Stangel M, Tackenberg B, Tumani H, Warnke C, Weber F, Wildemann B, Zettl UK, Ziemann U, Müller-Myhsok B, Kümpfel T, Klotz L, Meuth SG, Zipp F, Hemmer B, Hohlfeld R, Brassat D, Gold R, Gross CC, Lukas C, Groppa S, Loser K, Wiendl H, Schwab N; German Competence Network Multiple Sclerosis (KKNMS) and the BIONAT Network. Sunlight exposure exerts immunomodulatory effects to reduce multiple sclerosis severity. **Proc Natl Acad Sci U S A**. 2021 Jan 5;118(1):e2018457118;1-12
- 110) Ott D, Ulrich K, Ginsbach P, Öhme R, Bock-Hensley O, Falk U, Teinert M, Lenhard T. Tick-borne encephalitis virus (TBEV) prevalence in field-collected ticks (*Ixodes ricinus*) and phylogenetic, structural and virulence analysis in a TBE high-risk endemic area in southwestern Germany. **Parasit Vectors**. 2020 Jun 11;13(1):303;1-15
- 111) Pace A, Koekkoek JAF, van den Bent MJ, Bulbeck HJ, Fleming J, Grant R, Golla H, Henriksson R, Kerrigan S, Marosi C, Oberg I, Oberndorfer S, Oliver K, Pasman HRW, Le Rhun E, Rooney AG, Rudà R, Veronese S, Walbert T, Weller M, Wick W, Taphoorn MJB, Dirven L. Determining medical decision-making capacity in brain tumor patients: why and how? **Neurooncol Pract**. 2020 Jul 16;7(6):599-612
- 112) Paech D, Nagel AM, Schultheiss MN, Umatham R, Regnery S, Scherer M, Wick A, Platt T, Wick W, Bendszus M, Unterberg A, Schlemmer HP, Ladd ME, Niesporek SC. Quantitative Dynamic Oxygen 17 MRI at 7.0 T for the Cerebral Oxygen Metabolism in Glioma. **Radiology**. 2020 Apr;295(1):181-189
- 113) Pandey S, Balint B. Mind the Gap: Seronegative but Cerebrospinal Fluid Antibody-Positive Anti-N-Methyl-D-Aspartate Receptor Encephalitis. **Mov Disord Clin Pract**. 2020 May 21;7(5):500-501
- 114) Pawlitzki M, Campe C, Rolfes L, Heinze HJ, Leyboldt F, Wandinger KP, Reindl M, Wildemann B, Jarius S, Körtevelyessy P. Transient MOG antibody seroconversion associated with immunomodulating therapy. **Mult Scler Relat Disord**. 2020 Jan;37:101420;1-3
- 115) Pfaff JAR, Schönenberger S, Herweh C, Ulfert C, Nagel S, Ringleb PA, Bendszus M, Möhlenbruch MA. Direct Transfer to Angio-Suite Versus Computed Tomography-Transit in Patients Receiving Mechanical Thrombectomy: A Randomized Trial. **Stroke**. 2020 Sep;51(9):2630-2638
- 116) Pfaff JAR, Bendszus M, Donnan G, Molina C, Leys D, Schellinger PD, Schwab S, Toni D, Wahlgren N, Hacke W, Ringleb PA. The impact of the DWI-FLAIR-mismatch in the ECASS-4 trial—A post hoc analysis. **Eur Stroke J**. 2020; 5 (4), 370-373
- 117) Purrucker JC, Hölscher K, Kollmer J, Ringleb PA. Etiology of Ischemic Strokes of Patients with Atrial Fibrillation and Therapy with Anticoagulants. **J Clin Med**. 2020 Sep 11;9(9):2938
- 118) Purrucker JC, Mattern N, Herweh C, Möhlenbruch M, Ringleb PA, Nagel S, Gumbinger C. Electronic Alberta Stroke Program Early CT score change and functional outcome in a drip-and-ship stroke service. **J Neurointerv Surg**. 2020 Mar;12(3):252-255
- 119) Qureshi AI, Huang W, Lobanova I, Barsan WG, Hanley DF, Hsu CY, Lin CL, Silbergleit R, Steiner T, Suarez JI, Toyoda K, Yamamoto H; for ATACH-II trial investigators. Outcomes of Intensive Systolic Blood Pressure Reduction in Patients With Intracerebral Hemorrhage and Excessively High Initial

Systolic Blood Pressure: Post Hoc Analysis of a Randomized Clinical Trial. **JAMA Neurol.** 2020 Sep 8;77(11):1-11

- 120) Qureshi AI, Huang W, Lobanova I, Hanley DF, Hsu CY, Malhotra K, Steiner T, Suarez JI, Toyoda K, Yamamoto H; Antihypertensive Treatment of Cerebral Hemorrhage 2 Trial Investigators. Systolic Blood Pressure Reduction and Acute Kidney Injury in Intracerebral Hemorrhage. **Stroke.** 2020 Oct;51(10):3030-3038
- 121) Qureshi AI, Abd-Allah F, Alsenani F, Aytac E, Borhani-Haghighi A, Ciccone A, Gomez CR, Gurkas E, Hsu CY, Jani V, Jiao L, Kobayashi A, Lee J, Liaqat J, Mazighi M, Parthasarathy R, Steiner T, Suri MFK, Toyoda K, Ribo M, Gongora-Rivera F, Oliveira-Filho J, Uzun G, Wang Y. Management of acute ischemic stroke in patients with COVID-19 infection: Report of an international panel. **Int J Stroke.** 2020 Jul;15(5):540-554
- 122) Qureshi AI, Abd-Allah F, Al-Senani F, Aytac E, Borhani-Haghighi A, Ciccone A, Gomez CR, Gurkas E, Hsu CY, Jani V, Jiao L, Kobayashi A, Lee J, Liaqat J, Mazighi M, Parthasarathy R, Miran MS, Steiner T, Toyoda K, Ribo M, Gongora-Rivera F, Oliveira-Filho J, Uzun G, Wang Y. Management of acute ischemic stroke in patients with COVID-19 infection: Insights from an international panel. **Am J Emerg Med.** 2020 Jul;38(7):1548.e5-1548.e7
- 123) Rasmussen M, Schönenberger S, Hendèn PL, Valentin JB, Espelund US, Sørensen LH, Juul N, Uhlmann L, Johnsen SP, Rentzos A, Bösel J, Simonsen CZ; SAGA collaborators. Blood Pressure Thresholds and Neurologic Outcomes After Endovascular Therapy for Acute Ischemic Stroke: An Analysis of Individual Patient Data From 3 Randomized Clinical Trials. **JAMA Neurol.** 2020 May 1;77(5):622-631
- 124) Reardon DA, Brandes AA, Omuro A, Mulholland P, Lim M, Wick A, Baehring J, Ahluwalia MS, Roth P, Bähr O, Phuphanich S, Sepulveda JM, De Souza P, Sahebjam S, Carleton M, Tatsuoka K, Taitt C, Zwirter R, Sampson J, Weller M. Effect of Nivolumab vs Bevacizumab in Patients With Recurrent Glioblastoma: The CheckMate 143 Phase 3 Randomized Clinical Trial. **JAMA Oncol.** 2020 Jul 1;6(7):1003-1010
- 125) Reiff T, Barthel O, Ringleb PA, Pfaff J, Mundiyanapurath S. Safety of Mechanical Thrombectomy with Combined Intravenous Thrombolysis in Stroke Treatment 4.5 to 9 Hours from Symptom Onset. **J Stroke Cerebrovasc Dis.** 2020 Nov;29(11):105204;1-7
- 126) Reiff T, Eckstein HH, Mansmann U, Jansen O, Fraedrich G, Mudra H, Böckler D, Böhm M, Brückmann H, Debus ES, Fiehler J, Lang W, Mathias K, Ringelstein EB, Schmidli J, Stingele R, Zahn R, Zeller T, Hetzel A, Bodechtel U, Binder A, Glahn J, Hacke W, Ringleb PA. Angioplasty in asymptomatic carotid artery stenosis vs. endarterectomy compared to best medical treatment: One-year interim results of SPACE-2. **International Journal of Stroke** 2020, 15(6):638–649
- 127) Reiff T, Ringleb PA. Sekundärprophylaxe der zerebralen Ischämie. **Nervenheilkunde** 2020; 39(10): 644-650
- 128) Reiff T, Barthel O, Schönenberger S, Mundiyanapurath S. High-normal PaCO<sub>2</sub> values might be associated with worse outcome in patients with subarachnoid hemorrhage - a retrospective cohort study. **BMC Neurol.** 2020 Jan 20;20(1):31;1-10
- 129) Reuter B, Stock C, Ungerer M, Hyrenbach S, Bruder I, Ringleb PA, Kern R, Gumbinger C. Only a Minority of Thrombectomy Candidates Are Admitted During Night Shift: A Rationale for Diurnal Stroke Care Planning. **Front Neurol.** 2020 Sep 30;11:573381;1-6

- 130) Ringelstein M, Harmel J, Zimmermann H, Brandt AU, Paul F, Haarmann A, Buttman M, Hümmert MW, Trebst C, Schroeder C, Ayzenberg I, Kleiter I, Hellwig K, Havla J, Kümpfel T, Jarius S, Wildemann B, Rommer P, Weber M, Pellkofer H, Röpke L, Geis C, Retzlaff N, Zettl U, Deppe M, Klotz L, Young K, Stellmann JP, Kaste M, Kermer P, Marouf W, Lauda F, Tumani H, Graf J, Klistorner S, Hartung HP, Aktas O, Albrecht P. Longitudinal optic neuritis-unrelated visual evoked potential changes in NMO spectrum disorders. **Neurology**. 2020 Jan 28;94(4):e407-e418
- 131) Ringelstein M, Harmel J, Zimmermann H, Brandt AU, Paul F, Haarmann A, Buttman M, Hümmert MW, Trebst C, Schroeder C, Ayzenberg I, Kleiter I, Hellwig K, Havla J, Kümpfel T, Jarius S, Wildemann B, Rommer P, Weber M, Pellkofer H, Röpke L, Geis C, Retzlaff N, Zettl U, Deppe M, Klotz L, Young K, Stellmann JP, Kaste M, Kermer P, Marouf W, Lauda F, Tumani H, Graf J, Klistorner S, Hartung HP, Aktas O, Albrecht P. Author response: Longitudinal optic neuritis-unrelated visual evoked potential changes in NMO spectrum disorders. **Neurology**. 2020 Sep 29;95(13):610
- 132) Robba C, Poole D, McNett M, Asehnoune K, Bösel J, Bruder N, Chierigato A, Cinotti R, Duranteau J, Einav S, Ercole A, Ferguson N, Guerin C, Siempos II, Kurtz P, Juffermans NP, Mancebo J, Mascia L, McCredie V, Nin N, Oddo M, Pelosi P, Rabinstein AA, Neto AS, Seder DB, Skrifvars MB, Suarez JI, Taccone FS, van der Jagt M, Citerio G, Stevens RD. Mechanical ventilation in patients with acute brain injury: recommendations of the European Society of Intensive Care Medicine consensus. **Intensive Care Med**. 2020 Dec;46(12):2397-2410
- 133) Sadik A, Somarribas Patterson LF, Öztürk S, Mohapatra SR, Panitz V, Secker PF, Pfänder P, Loth S, Salem H, Prentzell MT, Berdel B, Iskar M, Faessler E, Reuter F, Kirst I, Kalter V, Foerster KI, Jäger E, Guevara CR, Sobeh M, Hielscher T, Poschet G, Reinhardt A, Hassel JC, Zapatka M, Hahn U, von Deimling A, Hopf C, Schlichting R, Escher BI, Burhenne J, Haefeli WE, Ishaque N, Böhme A, Schäuble S, Thedieck K, Trump S, Seiffert M, Opitz CA. IL4I1 Is a Metabolic Immune Checkpoint that Activates the AHR and Promotes Tumor Progression. **Cell**. 2020 Sep 3;182(5):1252-1270
- 134) Salman RA, Law ZK, Bath PM, Steiner T, Sprigg N. Hemostatic therapies for acute spontaneous intracerebral haemorrhage. **Emergencias**. 2020 Jun;32(3):201-202
- 135) Schell M, Pflüger I, Brugnara G, Isensee F, Neuberger U, Foltyn M, Kessler T, Sahn F, Wick A, Nowosielski M, Heiland S, Weller M, Platten M, Maier-Hein KH, von Deimling A, van den Bent MJ, Gorlia T, Wick W, Bendszus M, Kickingeder P. Validation of diffusion MRI phenotypes for predicting response to bevacizumab in recurrent glioblastoma: post-hoc analysis of the EORTC-26101 trial. **Neuro Oncol**. 2020 Nov 26;22(11):1667-1676
- 136) Scherer M, Jung JO, Cordes J, Wessels L, Younsi A, Schönenberger S, Möhlenbruch MA, Maier-Hein K, Unterberg A, Zweckberger K. Association of Cerebrospinal Fluid Volume with Cerebral Vasospasm After Aneurysmal Subarachnoid Hemorrhage: A Retrospective Volumetric Analysis. **Neurocrit Care**. 2020 Aug;33(1):152-164
- 137) Schmidt FA, Chien C, Kuchling J, Bellmann-Strobl J, Ruprecht K, Siebert N, Asseyer S, Jarius S, Brandt AU, Scheel M, Paul F. Differences in Advanced Magnetic Resonance Imaging in MOG-IgG and AQP4-IgG Seropositive Neuromyelitis Optica Spectrum Disorders: A Comparative Study. **Front Neurol**. 2020 Sep 30;11:499910;1-8
- 138) Schneider C, Okun JG, Schwarz KV, Hauke J, Zorn M, Nürnberg C, Ungerer M, Ringleb PA, Mundiyanapurath S. Trimethylamine-N-oxide is elevated in the acute phase after ischaemic stroke and decreases within the first days. **Eur J Neurol**. 2020 Aug;27(8):1596-1603

- 139) Schubert ML, Kunz A, Schmitt A, Neuber B, Wang L, Hükelhoven-Krauss A, Langner S, Michels B, Wick A, Daniel V, Müller-Tidow C, Dreger P, Schmitt M. Assessment of CAR T Cell Frequencies in Axicabtagene Ciloleucel and Tisagenlecleucel Patients Using Duplex Quantitative PCR. **Cancers** (Basel). 2020 Sep 30;12(10):2820;1-9
- 140) Seidel S, Pels H, Schlömer S, Kowoll A, Fliessbach K, Engert A, Vogt-Schaden M, Egerer G, Reichmann H, Schackert G, Kroschinsky F, Deckert M, Herrlinger U, Klockgether T, Fimmers R, Bode U, Schmidt-Wolf IGH, Schlegel U. Twenty-year follow-up of a pilot/phase II trial on the Bonn protocol for primary CNS lymphoma. **Neurology**. 2020 Dec 8;95(23):e3138-e3144
- 141) Seker F, Pereira-Zimmermann B, Pfaff J, Purrucker J, Gumbinger C, Schönenberger S, Bendszus M, Möhlenbruch MA. Collateral Scores in Acute Ischemic Stroke: A retrospective study assessing the suitability of collateral scores as standalone predictors of clinical outcome. **Clin Neuroradiol**. 2020 Dec;30(4):789-793
- 142) Seker F, Pfaff J, Neuberger U, Schieber S, Nagel S, Ringleb PA, Bendszus M, Mohlenbruch MA. Comparison of Superior and Inferior Division Occlusions Treated with Endovascular Thrombectomy. **Clin Neuroradiol**. 2020 Jun;30(2):339-343
- 143) Seker F, Fiehler J, Möhlenbruch MA, Heimann F, Flottmann F, Ringleb PA, Thomalla G, Steiner T, Kraemer C, Brekenfeld C, Bendszus M. Time Metrics to Endovascular Thrombectomy in 3 Triage Concepts: A Prospective, Observational Study (NEUROSQUAD). **Stroke**. 2020 Jan;51(1):335-337
- 144) Seliger C, Genbrugge E, Gorlia T, Chinot O, Stupp R, Nabors B, Weller M, Hau P; EORTC Brain Tumor Group. Use of metformin and outcome of patients with newly diagnosed glioblastoma: Pooled analysis. **Int J Cancer**. 2020 Feb;146(3):803-809
- 145) Seliger C, Wick W. Neues zur Einteilung und Therapie von Meningeomen. **Neurologie up2date**. 2020 Dec;3(4):1-14
- 146) Seystahl K, Hentschel B, Loew S, Gramatzki D, Felsberg J, Herrlinger U, Westphal M, Schackert G, Thon N, Tatagiba M, Pietsch T, Reifenberger G, Löffler M, Wick W, Weller M; German Glioma Network. Bevacizumab versus alkylating chemotherapy in recurrent glioblastoma. **J Cancer Res Clin Oncol**. 2020 Mar;146(3):659-670
- 147) Sievers P, Hielscher T, Schimpf D, Stichel D, Reuss DE, Berghoff AS, Neidert MC, Wirsching HG, Mawrin C, Ketter R, Paulus W, Reifenberger G, Lamszus K, Westphal M, Etminan N, Ratliff M, Herold-Mende C, Pfister SM, Jones DTW, Weller M, Harter PN, Wick W, Preusser M, von Deimling A, Sahm F. CDKN2A/B homozygous deletion is associated with early recurrence in meningiomas. **Acta Neuropathol**. 2020 Sep;140(3):409-413
- 148) Sievers P, Schimpf D, Stichel D, Reuss DE, Hasselblatt M, Hagel C, Staszewski O, Hench J, Frank S, Brandner S, Korshunov A, Wick W, Pfister SM, Reifenberger G, von Deimling A, Sahm F, Jones DTW. Posterior fossa pilocytic astrocytomas with oligodendroglial features show frequent FGFR1 activation via fusion or mutation. **Acta Neuropathol**. 2020 Feb;139(2):403-406
- 149) Sievers P, Chiang J, Schimpf D, Stichel D, Paramasivam N, Sill M, Gayden T, Casalini B, Reuss DE, Dalton J, Pajtler KW, Hänggi D, Herold-Mende C, Rushing E, Korshunov A, Mawrin C, Weller M, Schlesner M, Wick W, Jabado N, Jones DTW, Pfister SM, von Deimling A, Ellison DW, Sahm F. YAP1-fusions in pediatric NF2-wildtype meningioma. **Acta Neuropathol**. 2020 Jan;139(1):215-218
- 150) Simonsen CZ, Schönenberger S, Hendén PL, Yoo AJ, Uhlmann L, Rentzos A, Bösel J, Valentin J, Rasmussen M. Patients Requiring Conversion to General Anesthesia during Endovascular Therapy

Have Worse Outcomes: A Post Hoc Analysis of Data from the SAGA Collaboration. **AJNR Am J Neuroradiol**. 2020 Dec;41(12):2298-2302

- 151) Staessens S, Fitzgerald S, Andersson T, Clarençon F, Denorme F, Gounis MJ, Hacke W, Liebeskind DS, Szikora I, van Es A, Brinjikji W, Doyle KM, De Meyer SF. Histological stroke clot analysis after thrombectomy: Technical aspects and recommendations. **Int J Stroke**. 2020 Jul;15(5):467-476
- 152) Steinmetzger K, Shen Z, Riedel H, Rupp A. Auditory cortex activity measured using functional near-infrared spectroscopy (fNIRS) appears to be susceptible to masking by cortical blood stealing. **Hear Res**. 2020 Oct;396:108069:1-11
- 153) Thieme A, Roeske S, Faber J, Sulzer P, Minnerop M, Elben S, Jacobi H, Reetz K, Dogan I, Barkhoff M, Konczak J, Wondzinski E, Siebler M, Mueller O, Sure U, Schmahmann JD, Klockgether T, Synofzik M, Timmann D. Validation of a German version of the Cerebellar Cognitive Affective/ Schmahmann Syndrome Scale: preliminary version and study protocol. **Neurol Res Pract**. 2020 Sep 29;2:39:1-11
- 154) Thomalla G, Boutitie F, Ma H, Koga M, Ringleb P, Schwamm LH, Wu O, Bendszus M, Bladin CF, Campbell BCV, Cheng B, Churilov L, Ebinger M, Endres M, Fiebich JB, Fukuda-Doi M, Inoue M, Kleinig TJ, Latour LL, Lemmens R, Levi CR, Leys D, Miwa K, Molina CA, Muir KW, Nighoghossian N, Parsons MW, Pedraza S, Schellinger PD, Schwab S, Simonsen CZ, Song SS, Thijs V, Toni D, Hsu CY, Wahlgren N, Yamamoto H, Yassi N, Yoshimura S, Warach S, Hacke W, Toyoda K, Donnan GA, Davis SM, Gerloff C; Evaluation of unknown Onset Stroke thrombolysis trials (EOS) investigators. Intravenous alteplase for stroke with unknown time of onset guided by advanced imaging: systematic review and meta-analysis of individual patient data. **Lancet**. 2020 Nov 14;396(10262):1574-1584
- 155) Traenka C, Grond-Ginsbach C, Goeggel Simonetti B, Metso TM, Debette S, Pezzini A, Kloss M, Majersik JJ, Southerland AM, Leys D, Baumgartner R, Caso V, Béjot Y, De Marchis GM, Fischer U, Polymeris A, Sarikaya H, Thijs V, Worrall BB, Bersano A, Brandt T, Gensicke H, Bonati LH, Touzé E, Martin JJ, Chabriat H, Tatlisumak T, Arnold M, Engelter ST, Lyrer P; CADISP-Plus Study Group. Artery occlusion independently predicts unfavorable outcome in cervical artery dissection. **Neurology**. 2020 Jan 14;94(2):e170-e180
- 156) Tumani H, Petereit HF, Gerritzen A, Gross CC, Huss A, Isenmann S, Jesse S, Khalil M, Lewczuk P, Lewerenz J, Leypoldt F, Melzer N, Meuth SG, Otto M, Ruprecht K, Sindern E, Spreer A, Stangel M, Strik H, Uhr M, Vogelgsang J, Wandinger KP, Weber T, Wick M, Wildemann B, Wiltfang J, Woitalla D, Zerr I, Zimmermann T. S1 guidelines "lumbar puncture and cerebrospinal fluid analysis" (abridged and translated version). **Neurol Res Pract**. 2020 Mar 16;2:8:1-28
- 157) Ungerer MN, Hund E, Purrucker JC, Huber L, Kimmich C, Aus dem Siepen F, Hein S, Kristen AV, Hinderhofer K, Kollmer J, Schönland S, Hegenbart U, Weiler M. Real-world outcomes in non-endemic hereditary transthyretin amyloidosis with polyneuropathy: a 20-year German single-referral centre experience. **Amyloid**. 2020 Dec 7:1-9
- 158) Ungerer MN, Busetto L, Begli NH, Riehle K, Regula J, Gumbinger C. Factors affecting prehospital delay in rural and urban patients with stroke: a prospective survey-based study in Southwest Germany. **BMC Neurol**. 2020 Dec 5;20(1):441:1-7
- 159) Ungerer M, Begli NH, Heyse M, Purrucker J, Regula J, Berberich A, Ciulli L, Nagel S, Ringleb P, Gumbinger C. Patient profiles contribute to differences in quality metrics of stroke centers. **Neurosciences (Riyadh)**. 2020 Aug;25(4):292-300

- 160) Ungerer MN, Schönenberger S, Barreiros AP, Blaes-Eise AB, Rahmel A. Hirntod und Umgang mit (potenziellen) Organspenden und Angehörigen. **Anesthesiol Intensivmed Notfallmed Schmerzther**. 2020 Jul;55(7-08):453-466
- 161) Ungerer MN, Ringleb P, Reuter B, Stock C, Ippen F, Hyrenbach S, Bruder I, Martus P, Gumbinger C; AG Schlaganfall. Stroke Unit Admission is Associated with Better Outcome and Lower Mortality in Patients with Intracerebral Hemorrhage. **Eur J Neurol**. 2020 May;27(5):825-832
- 162) Valiente M, Van Swearingen AED, Anders CK, Bairoch A, Boire A, Bos PD, Cittelly DM, Erez N, Ferraro GB, Fukumura D, Gril B, Herlyn M, Holmen SL, Jain RK, Joyce JA, Loriger M, Massague J, Neman J, Sibson NR, Steeg PS, Thorsen F, Young LS, Varešlija D, Vultur A, Weis-Garcia F, Winkler F. Brain Metastasis Cell Lines Panel: A Public Resource of Organotropic Cell Lines. **Cancer Res**. 2020 Oct 15;80(20):4314-4323
- 163) van den Bent M, Azaro A, De Vos F, Sepulveda J, Yung WKA, Wen PY, Lassman AB, Joerger M, Tabatabai G, Rodon J, Tiedt R, Zhao S, Kirsilae T, Cheng Y, Vicente S, Balbin OA, Zhang H, Wick W. A Phase Ib/II, open-label, multicenter study of INC280 (capmatinib) alone and in combination with buparlisib (BKM120) in adult patients with recurrent glioblastoma. **J Neurooncol**. 2020 Jan;146(1):79-89
- 164) Vogelbaum MA, Krivosheya D, Borghei-Razavi H, Sanai N, Weller M, Wick W, Soffietti R, Reardon DA, Aghi MK, Galanis E, Wen PY, van den Bent M, Chang S. Phase 0 and window of opportunity clinical trial design in neuro-oncology: a RANO review. **Neuro Oncol**. 2020 Nov 26;22(11):1568-1579
- 165) Vollherbst DF, Hohenstatt S, Schönenberger S, Bendszus M, Möhlenbruch MA. WEB as a combined support and embolization device in a giant partially thrombosed donut-shaped aneurysm. **J Clin Neurosci**. 2020 May;75:210-212
- 166) Weber R, Bartig D, Krogias C, Eyding J, Hacke W. Letter to the Editor regarding the article 'Temporal trends in the accuracy of hospital diagnostic coding for identifying acute stroke: A population-based study' by Li L, Binney LE, Luengo-Fernandez R, Silver LW, Rothwell PM; on behalf of the Oxford Vascular Study. **Eur Stroke J**. 2020 Mar;5(1):104-105
- 167) Westphal LP, Widmer R, Held U, Steigmiller K, Hametner C, Ringleb P, Curtze S, Martinez-Majander N, Tiainen M, Nolte CH, Scheitz JF, Erdur H, Polymeris AA, Traenka C, Eskandari A, Michel P, Heldner MR, Arnold M, Zini A, Vandelli L, Coutinho JM, Groot AE, Padjen V, Jovanovic DR, Bejot Y, Brenière C, Turc G, Seners P, Pezzini A, Magoni M, Leys D, Gilliot S, Scherrer MJ, Kägi G, Luft AR, Gensicke H, Nederkoorn P, Tatlisumak T, Engelter ST, Wegener S; Thrombolysis in Ischemic Stroke Patients (TRISP) Study Group. Association of prestroke metformin use, stroke severity, and thrombolysis outcome. **Neurology**. 2020 Jul 28;95(4):e362-e373
- 168) Wen PY, Weller M, Lee EQ, Alexander BM, Barnholtz-Sloan JS, Barthel FP, Batchelor TT, Bindra RS, Chang SM, Chiocca EA, Cloughesy TF, DeGroot JF, Galanis E, Gilbert MR, Hegi ME, Horbinski C, Huang RY, Lassman AB, Le Rhun E, Lim M, Mehta MP, Mellinghoff IK, Minniti G, Nathanson D, Platten M, Preusser M, Roth P, Sanson M, Schiff D, Short SC, Taphoorn MJB, Tonn JC, Tsang J, Verhaak RGW, von Deimling A, Wick W, Zadeh G, Reardon DA, Aldape KD, van den Bent MJ. Glioblastoma in adults: a Society for Neuro-Oncology (SNO) and European Society of Neuro-Oncology (EANO) consensus review on current management and future directions. **Neuro Oncol**. 2020 Aug 17;22(8):1073-1113
- 169) Weyland CS, Potreck A, Neuberger U, Möhlenbruch MA, Nagel S, Ringleb PA, Bendszus M, Pfaff JAR. Radiation exposure in endovascular stroke treatment of acute basilar artery occlusions-a matched-pair analysis. **Neuroradiology**. 2020 Dec;62(12):1701-1707



- 170) Weyland CS, Neuberger U, Seker F, [Nagel S](#), [Ringleb P](#), Möhlenbruch MA, Bendszus M, Pfaff JA. Effect of treatment technique on radiation exposure in mechanical thrombectomy for acute ischaemic stroke: A matched-pair analysis. **Neuroradiol J.** 2020 Aug;33(4):286-291
- 171) Weyland CS, Seker F, Potreck A, [Hametner C](#), [Ringleb PA](#), Möhlenbruch MA, Bendszus M, Pfaff JAR. Radiation exposure per thrombectomy attempt in modern endovascular stroke treatment in the anterior circulation. **Eur Radiol.** 2020 Sep;30(9):5039-5047
- 172) [Wick A](#), Desjardins A, Suarez C, Forsyth P, Gueorguieva I, Burkholder T, Cleverly AL, Estrem ST, Wang S, Lahn MM, Guba SC, Capper D, Rodon J. Phase 1b/2a study of galunisertib, a small molecule inhibitor of transforming growth factor-beta receptor I, in combination with standard temozolomide-based radiochemotherapy in patients with newly diagnosed malignant glioma. **Invest New Drugs.** 2020 Oct;38(5):1570-1579
- 173) [Wick A](#), [Kessler T](#), Platten M, Meisner C, Bamberg M, Herrlinger U, Felsberg J, Weyerbrock A, Papsdorf K, Steinbach JP, Sabel M, Vesper J, Debus J, Meixensberger J, Ketter R, Hertler C, Mayer-Steinacker R, [Weisang S](#), [Bölting H](#), Reuss D, Reifenberger G, Sahm F, von Deimling A, Weller M, [Wick W](#). Superiority of temozolomide over radiotherapy for elderly patients with RTK II methylation class, MGMT promoter methylated malignant astrocytoma. **Neuro Oncol.** 2020 Aug 17;22(8):1162-1172
- 174) [Wick W](#), [Wagener RJ](#). Not Yet Another Negative Trial-ReACTing on Recent Glioblastoma Trials. **Clin Cancer Res.** 2020 Apr 1;26(7):1535-1537
- 175) [Wildemann B](#), [Horstmann S](#), [Korporal-Kuhnke M](#), [Viehöver A](#), [Jarius S](#). [Aquaporin-4 and Myelin Oligodendrocyte Glycoprotein Antibody-Associated Optic Neuritis: Diagnosis and Treatment]. **Klin Monbl Augenheilkd.** 2020 Nov;237(11):1290-1305
- 176) [Wildemann B](#). 47/w mit Schulter-/Nackenschmerzen, gefolgt von subakuter Hemiparese rechts. **DGNeurologie.** 2020;3(1), 87-89
- 177) Wilke C, Haas E, Reetz K, Faber J, Garcia-Moreno H, Santana MM, van de Warrenburg B, Hengel H, Lima M, Filla A, Durr A, Melegh B, Masciullo M, Infante J, Giunti P, Neumann M, de Vries J, Pereira de Almeida L, Rakowicz M, [Jacobi H](#), Schüle R, Kaeser SA, Kuhle J, Klockgether T, Schöls L; SCA3 neurofilament study group, Barro C, Hübener-Schmid J, Synofzik M. Neurofilaments in spinocerebellar ataxia type 3: blood biomarkers at the preataxic and ataxic stage in humans and mice. **EMBO Mol Med.** 2020 Jul 7;12(7):e11803:1-19
- 178) Whittam DH, Karthikeyan V, Gibbons E, Kneen R, Chandratre S, Ciccarelli O, Hacoen Y, de Seze J, Deiva K, Hintzen RQ, [Wildemann B](#), [Jarius S](#), Kleiter I, Rostasy K, Huppke P, Hemmer B, Paul F, Aktas O, Pröbstel AK, Arrambide G, Tintore M, Amato MP, Nosadini M, Mancardi MM, Capobianco M, Illes Z, Siva A, Altintas A, Akman-Demir G, Pandit L, Apiwattankul M, Hor JY, Viswanathan S, Qiu W, Kim HJ, Nakashima I, Fujihara K, Ramanathan S, Dale RC, Boggild M, Broadley S, Lana-Peixoto MA, Sato DK, Tenenbaum S, Cabre P, Wingerchuk DM, Weinshenker BG, Greenberg B, Matiello M, Klawiter EC, Bennett JL, Wallach AI, Kister I, Banwell BL, Traboulsee A, Pohl D, Palace J, Leite MI, Levy M, Marignier R, Solomon T, Lim M, Huda S, Jacob A. Treatment of MOG antibody associated disorders: results of an international survey. **J Neurol.** 2020 Dec;267(12):3565-3577
- 179) Whittam DH, Cobo-Calvo A, Lopez-Chiriboga AS, Pardo S, Gornall M, Cicconi S, Brandt A, Berek K, Berger T, Jelcic I, Gombolay G, Oliveira LM, Callegaro D, Kaneko K, Misu T, Capobianco M, Gibbons E, Karthikeyan V, Brochet B, Audoin B, Mathey G, Laplaud D, Thouvenot E, Cohen M, Tourbah A, Maillart E, Ciron J, Deschamps R, Biotti D, Rostasy K, Neuteboom R, Hemingway C, Forsyth R, Matiello M, Webb S, Hunt D, Murray K, Hacoen Y, Lim M, Leite MI, Palace J, Solomon T, Lutterotti A, Fujihara K, Nakashima I, Bennett JL, Pandit L, Chitnis T, Weinshenker BG, [Wildemann B](#), Sato DK, Kim SH, Huda

S, Kim HJ, Reindl M, Levy M, Jarius S, Tenenbaum S, Paul F, Pittock S, Marignier R, Jacob A. Treatment of MOG-IgG-associated disorder with rituximab: An international study of 121 patients. **Mult Scler Relat Disord**. 2020 Sep;44:102251:1-10

#### **Buchbeiträge / Monographien:**

- 1) Ayzenberg I, Wildemann B. Praktische Aspekte der Therapie mit Eculizumab. In: Kompetenznetz Multiple Sklerose e. V. , Hrsg. Qualitätshandbuch MS/NMOSD Empfehlungen zur Therapie der Multiplen Sklerose und Neuromyelitis-optica-Spektrum-Erkrankungen für Ärzte, Ausgabe Januar 2020. München: Krankheitsbezogenes Kompetenznetz Multiple Sklerose e. V.; 2020:pp 331-347 Im Internet e-book: [https://www.kompetenznetz-multiplesklerose.de/wp-content/uploads/2021/01/KKNMS\\_Qualitaetshandbuch\\_04.01.2021.pdf](https://www.kompetenznetz-multiplesklerose.de/wp-content/uploads/2021/01/KKNMS_Qualitaetshandbuch_04.01.2021.pdf)
- 2) Jordan B, Zierz S. (2020): Myasthenia gravis. In: Berlit P. (eds) Klinische Neurologie. Springer Reference Medizin. 4. Auflage. Springer 2020, Berlin, Heidelberg, pp 1-12, ISBN: 978-3-662-60674-2
- 3) Jordan B, Zierz S. (2020): Lambert-Eaton-Myastheniesyndrom. In: Berlit P. (eds) Klinische Neurologie. Springer Reference Medizin. 4. Auflage. Springer2020, Berlin, Heidelberg, pp 1-3, ISBN: 978-3-662-60674-2
- 4) Jordan B, Zierz S. (2020) Kongenitale myasthene Syndrome. In: Berlit P. (eds) Klinische Neurologie. Springer Reference Medizin. 4. Auflage. Springer 2020, Berlin, Heidelberg, pp 1-3, ISBN: 978-3-662-60674-2
- 5) Köhrmann M, Kraft P, Reiff T, Ringleb PA. Sekundärprävention. In: Praxishandbuch Schlaganfall. Kraft/Köhrmann, 1. Auflage. Urban & Fischer Verlag/Elsevier GmbH 2020, pp 149-181, ISBN: 978-3437234316
- 6) Mundiyanapurath S. Pneumonien. Praxishandbuch Schlaganfall: Elsevier 2020: pp 281-83 ISBN 978-3-47-23431-6
- 7) Mundiyanapurath S. Depressionen. Praxishandbuch Schlaganfall: Elsevier 2020: pp 303-05 ISBN 978-3-47-23431-6
- 8) Mundiyanapurath S. Schmerzen. Praxishandbuch Schlaganfall: Elsevier 2020: pp 311-13 ISBN 978-3-47-23431-6
- 9) Mundiyanapurath S. Delir. Praxishandbuch Schlaganfall: Elsevier 2020: pp 285-87 ISBN 978-3-47-23431-6
- 10) Mundiyanapurath S. Vaskuläre kognitive Störungen, vaskuläre Demenz. Praxishandbuch Schlaganfall: Elsevier 2020: pp 307-10 ISBN 978-3-47-23431-6
- 11) Schneider I, Jordan B, Zierz S (2020): Entzündliche Myopathien In: Berlit P. (eds) Klinische Neurologie, Springer Reference Medizin. 4. Auflage. Springer 2020, Berlin, Heidelberg, pp 1-8 ISBN: 978-3-662-60674-2
- 12) Schneider I, Jordan B, Zierz S. (2020): Metabolisch-toxische Myopathien. In: Berlit P. (eds) Klinische Neurologie. Springer Reference Medizin. 4. Auflage. Springer 2020, Berlin, Heidelberg, pp 1-7 ISBN: 978-3-662-60674-2