

2015

Abbott AL, Paraskevas KI, Kakkos SK, Golledge J, Eckstein HH, Diaz-Sandoval LJ, Cao L, Fu Q, Wijeratne T, Leung TW, Montero-Baker M, Lee BC, Pircher S, Bosch M, Dennekamp M, Ringleb P. Systematic Review of Guidelines for the Management of Asymptomatic and Symptomatic Carotid Stenosis. *Stroke* 2015;46, 3288–301 ● Adeberg S, Bostel T, Harrabi S, Bernhardt D, Welzel T, Wick W, Debus J, Combs SE. Impact of delays in initiating postoperative chemoradiation while determining the MGMT promoter-methylation statuses of patients with primary glioblastoma. *BMC Cancer* 2015;15, 558 ● Ahluwalia MS, Winkler F. Targeted and immunotherapeutic approaches in brain metastases. *Am Soc Clin Oncol Educ Book* 2015;67–74 ● Amarenc P, Hacke W, Norrving B, Rost N. Advances in Atrial Fibrillation-related Stroke Prevention. *European Neurological Review* 2015;9, 122-8 ● Attigah N, Demirel S, Ringleb P, Hinz U, Hyhlik-Dürr A, Böckler D. Cross-flow determination by transcranial Doppler predicts clamping ischemia in patients undergoing carotid endarterectomy. *J Cardiovasc Surg (Torino)* 2015; 56, 417–22 ● Balint B, Bhatia KP. Isolated and combined dystonia syndromes - an update on new genes and their phenotypes. *Eur J Neurol* 2015;22, 610–7 ● Balint B, Bhatia KP. Hot topic: Recessive mutations in the a3(VI) collagen gene COL6A3 cause early-onset isolated dystonia. *Mov Disord* 2015;30, 1622–1622 ● Bansilal S, Bloomgarden Z, Halperin JL, Hellkamp AS, Lokhnygina Y, Patel MR, Becker RC, Breithardt G, Hacke W, Hankey GJ, Nessel CC, Singer DE, Berkowitz SD, Piccini JP, Mahaffey KW, Fox KAA. Efficacy and safety of rivaroxaban in patients with diabetes and nonvalvular atrial fibrillation: the Rivaroxaban Once-daily, Oral, Direct Factor Xa Inhibition Compared with Vitamin K Antagonism for Prevention of Stroke and Embolism Trial in Atrial Fibril. *Am Heart J* 2015;170, 675–682e8 ● 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;11, 658–64 ● Batla A, Sánchez MC, Erro R, Ganos C, Stamelou M, Balint B, Brugge F, Antelmi E, Bhatia KP. The role of cerebellum in patients with late onset cervical/segmental dystonia?-Evidence from the clinic Parkinsonism. *Relat Disord* 2015;21, 1317–22 ● Bäumer P, Weiler M, Bendszus M, Pham M. Somatotopic fascicular organization of the human sciatic nerve demonstrated by MR neurography. *Neurology* 2015;84, 1782–7 ● Bendszus M, Ringleb PA. Interventional treatment of stroke : mechanical thrombectomy. *Nervenarzt* 2015;86, 1199 ● Bendszus M, Thomalla G, Knauth M, Hacke W, Bonekamp S, Fiehler J. Thrombectomy in patients ineligible for iv tPA (THRILL). *Int J Stroke* 2015;10, 950–5 ● Berghoff AS, Kiesel B, Widhalm G, Rajky O, Ricken G, Wöhner A, Dieckmann K, Filipits M, Brandstetter A, Weller M, Kurscheid S, Hegi ME, Zielinski CC, Marosi C, Hainfellner JA, Preusser M, Wick W. Programmed death ligand 1 expression and tumor-infiltrating lymphocytes in glioblastoma. *Neuro Oncol* 2015;17, 1064–75 ● Beynon C, Nofal M, Rizos T, Laible M, Potzy A, Unterberg AW, Sakowitz OW. Anticoagulation Reversal with Prothrombin Complex Concentrate in Aneurysmal Subarachnoid Hemorrhage. *J Emerg Med* 2015;49, 778–84 ● Beynon C, Schiebel P, Bösel J, Unterberg AW, Orakcioglu B. Minimally invasive endoscopic surgery for treatment of spontaneous intracerebral haematomas. *Neurosurg Rev* 2015;38, 421–8; discussion 428 ● Bonekamp D, Deike K, Wiestler B, Wick W, Bendszus M, Radbruch A, Heiland S. Association of overall survival in patients with newly diagnosed glioblastoma with contrast-enhanced perfusion MRI: Comparison of intraindividually matched T1 - and T2 (*) -based bolus techniques. *J Magn Reson Imaging* 2015;42, 87–96 ● Bösel J, Schönenberger S, Dohmen C, Jüttler E, Staykov D, Zweckberger K, Hacke W, Schwab S, Torbey MT, Huttner HB. Intensive care therapy of space-occupying large hemispheric infarction Summary of the NCS/DGNI guidelines. *Nervenarzt* 2015;86, 1018–29 ● Bösel J. Management of the Interventional

Stroke Patient. *Curr Treat Options Neurol* 2015;17, 45 ● Bösel J, Zweckberger K, Hacke W. Haemorrhage and hemicraniectomy: refining surgery for stroke. *Curr Opin Neurol* 2015;28, 16–22 ● Broggini T, Wüstner M, Harms C, Stange L, Blae J, Thomé C, Harms U, Mueller S, Weiler M, Wick W, Vajkoczy P, Czabanka M. NDRG1 overexpressing gliomas are characterized by reduced tumor vascularization and resistance to antiangiogenic treatment. *Cancer Lett* 2015; doi: 10.1016 ● Bunse L, Schumacher T, Sahm F, Pusch S, Oezen I, Rauschenbach K, Gonzalez M, Solecki G, Osswald M, Capper D, Wiestler B, Winkler F, Herold-Mende C, von Deimling A, Wick W, Platten M. Proximity ligation assay evaluates IDH1R132H presentation in gliomas. *J Clin Invest* 2015;125, 593–606 Campbell BCV, Donnan GA, Lees KR, Hacke W, Khatri P, Hill MD, Goyal M, Mitchell PJ, Saver JL, Diener HC, Davis SM. Endovascular stent thrombectomy: the new standard of care for large vessel ischaemic stroke. *Lancet Neurol* 2015;14, 846–854 ● Caplan LR, Furlan AJ, Hacke W. Acute Ischemic Stroke Therapy: The Way Forward. *JAMA Neurol* 2015;72, 1405–1406 Dankowski T, Buck D, Andlauer TFM, Antony G, Bayas A, Bechmann L, Berthele A, Bettecken T, Chan A, Franke A, Gold R, Graetz C, Haas J, Hecker M, Herms S, Infante-Duarte C, Jöckel KH, Kieseier BC, Knier B, Knop M, Kümpfel T, Lichtner P, Lieb W, Lill CM, Limmroth V, Linker RA, Loleit V, Meuth SG, Moebus S, Müller-Myhsok B, Nischwitz S, Nöthen MM, Paul F, Pütz M, Ruck T, Salmen A, Stangel M, Stellmann JP, Strauch K, Stürner KH, Tackenberg B, Then Bergh F, Tumani H, Waldenberger M, Weber F, Wiendl H, Wildemann B, Zettl UK, Ziemann U, Zipp F, Hemmer B, Ziegler A. Successful Replication of GWAS Hits for Multiple Sclerosis in 10,000 Germans Using the Exome Array. *Genet Epidemiol* 2015;39, 601–8 ● Debette S, Compter A, Labeyrie MA, Uyttenboogaart M, Metso TM, Majersik JJ, Goeggel-Simonetti B, Engelter ST, Pezzini A, Bijlenga P, Southerland AM, Nagara O, Béjot Y, Cole JW, Ducros A, Giacalone G, Schilling S, Reiner P, Sarikaya H, Welleweerd JC, Kappelle LJ, de Borst GJ, Bonati LH, Jung S, Thijs V, Martin JJ, Brandt T, Grond-Ginsbach C, Kloss M, Mizutani T, Minematsu K, Meschia JF, Pereira VM, Bersano A, Touzé E, Lyrer PA, Leys D, Chabriat H, Markus HS, Worrall BB, Chabrier S, Baumgartner R, Stapf C, Tatlisumak T, Arnold M, Bousser MG. Epidemiology, pathophysiology, diagnosis, and management of intracranial artery dissection. *Lancet Neurol* 2015;14, 640–54 ● Debette S, Kamatani Y, Metso TM, Kloss M, Chauhan G, Engelter ST, Pezzini A, Thijs V, Markus HS, Dichgans M, Wolf C, Dittrich R, Touzé E, Southerland AM, Samson Y, Abboud S, Béjot Y, Caso V, Bersano A, Gschwendtner A, Sessa M, Cole J, Lamy C, Medeiros E, Beretta S, Bonati LH, Grau AJ, Michel P, Majersik JJ, Sharma P, Kalashnikova L, Nazarova M, Dobrynina L, Bartels E, Guillon B, van den Herik EG, Fernandez-Cadenas I, Jood K, Nalls MA, De Leeuw FE, Jern C, Cheng YC, Werner I, Metso AJ, Lichy C, Lyrer PA, Brandt T, Boncoraglio GB, Wichmann HE, Gieger C, Johnson AD, Böttcher T, Castellano M, Arveiler D, Ikram MA, Breteler MMB, Padovani A, Meschia JF, Kuhlenbäumer G, Rolfs A, Worrall BB, Ringelstein EB, Zelenika D, Tatlisumak T, Lathrop M, Leys D, Amouyal P, Dallongeville J. Common variation in PHACTR1 is associated with susceptibility to cervical artery dissection. *Nat Genet* 2015;47, 78–83 ● Dykstra AR, Gutschalk A. Does the mismatch negativity operate on a consciously accessible memory trace? *Sci Adv* 2015;e1500677–e1500677 Ellingson BM, Bendszus M, Boxerman J, Barboriak D, Erickson BJ, Smits M, Nelson SJ, Gerstner E, Alexander B, Goldmacher G, Wick W, Vogelbaum M, Weller M, Galanis E, Kalpathy-Cramer J, Shankar L, Jacobs P, Pope WB, Yang D, Chung C, Knopp MV, Cha S, van den Bent MJ, Chang S, Al Yung WK, Cloughesy TF, Wen PY, Gilbert MR. Consensus recommendations for a standardized Brain Tumor Imaging Protocol in clinical trials. *Neuro Oncol* 2015;17, 1188–98 ● Emberson J, Lees KR, Lyden P, Baigent C, Sandercock P, Hacke W. Thrombolysis in acute stroke--authors' reply. *Lancet* (London, England) 2015;385, 1396 Falquez R, Dinu-Biringer R, Stopsack M, Arens EA, Wick W, Barnow S. Examining cognitive emotion regulation in frontal lobe patients: The mediating role of response

inhibition. *NeuroRehabilitation* 2015;37, 89–98 ● Feigin VL, Krishnamurthi R, Bhattacharjee R, Parmar P, Theadom A, Hussein T, Purohit M, Hume P, Abbott M, Rush E, Kasabov N, Crezee I, Frilick S, Barker-Collo S, Barber PA, Arroll B, Poulton R, Ratnasabathy Y, Tobias M, Cabral N, Martins SCO, Furtado LETA, Lindsay P, Saposnik G, Giroud M, Béjot Y, Hacke W, Mehendiratta MM, Pandian JD, Gupta S, Padma V, Mandal DK, Kokubo Y, Ibrahim NM, Sahathevan R, Fu H, Wang W, Liu L, Hou ZG, Goncalves AF, Correia M, Varakin Y, Kravchenko M, Piradov M, Saadah M, Thrift AG, Cadilhac D, Davis S, Donnan G, Lopez AD, Hankey GJ, Maujean A, Kendall E, Brainin M, Abd-Allah F, Bornstein NM, Caso V, Marquez-Romero JM, Akinyemi RO, Bin Dhim NF, Norrving B, Sind S, Kivipelto M, Mendis S, Ikram MA, Hofman A, Mirza SS, Rothwell PM, Sandercock P, Shakir R, Sacco RL, Culebras A, Roth GA, Moradi-Lakeh M, Murray C, Narayan KMV, Mensah GA, Wiebers D, Moran AE. New Strategy to Reduce the Global Burden of Stroke. *Stroke* 2015;46, 1740–1747 ● Fulton RL, Lees KR, Bluhmki E, Biegert G, Albers GW, Davis SM, Donnan GA, Grotta JC, Hacke W, Kaste M, von Kummer R, Shuaib A, Toni D; VISTA Collaboration and ECASS, ATLANTIS, NINDS, and EPITHET Investigators. Selection for delayed intravenous alteplase treatment based on a prognostic score International J *Stroke* 2015;10: 90–94 ● Fuss J, Auer MK, Biedermann SV, Briken P, Hacke W. Deep brain stimulation to reduce sexual drive J *Psychiatry Neurosci* 2015;40, 429–31 Greving JP, Diener HC, Csiba L, Hacke W, Kappelle LJ, Koudstaal PJ, Leys D, Mas JL, Sacco RL, Sivenius J, Algra A. Cerebrovascular Antiplatelet Trialists' Collaborative Group Individual patient data meta-analysis of antiplatelet regimens after noncardioembolic stroke or TIA: rationale and design. *Int J Stroke* 2015;10, 145–50 ● Grond-Ginsbach C, Lichy C, Debette S, Leys D, Pezzini A, Metso T, Tatlisumak T, Gensicke H, Engelter ST. Cervical Artery Dissection (CeAD) in physicians. *Cerebrovasc Dis* 2015;39, 72–4 ● Grotta JC, Hacke W. Stroke Neurologist's Perspective on the New Endovascular Trials. *Stroke* 2015;46, 1447–52 ● Grützke B, Hucke S, Gross CC, Herold MVB, Posevitz-Fejfar A, Wildemann BT, Kieseier BC, Dehmel T, Wiendl H, Klotz L. Fingolimod treatment promotes regulatory phenotype and function of B cells. *Ann Clin Transl Neurol* 2015;2, 119–30 ● Gumbinger C, Holstein T, Stock C, Rizos T, Horstmann S, Veltkamp R. Reasons underlying non-adherence to and discontinuation of anticoagulation in secondary stroke prevention among patients with atrial fibrillation. *Eur Neurol* 2015;73, 184–91 ● Gutschalk A, Rupp A, Dykstra AR. Interaction of streaming and attention in human auditory cortex. *PLoS One* 2015;10, e0118962 ● Gutschalk A, Steinmann I. Stimulus dependence of contralateral dominance in human auditory cortex. *Hum Brain Mapp* 36, 883–96 ● Gutschalk A, Uppenkamp S, Riedel B, Bartsch A, Brandt T, Vogt-Schaden M. Pure word deafness with auditory object agnosia after bilateral lesion of the superior temporal sulcus. *Cortex* 2015;73, 24–35 Haas J, Schwarz A, Korporal-Kunke M, Jarius S, Wiendl H, Kieseier BC, Wildemann B. Fingolimod does not impair T-cell release from the thymus and beneficially affects Treg function in patients with multiple sclerosis. *Mult Scler* 2015;21, 1521–32 ● Hacke W, Diener HC. Mechanical thrombectomy in acute ischemic stroke What is the position after the latest study results? *Nervenarzt* 2015;86, 719–24 ● Hacke W. Interventional thrombectomy for major stroke--a step in the right direction. *N Engl J Med* 2015;372, 76–7 ● Hacke W. The results of the recent thrombectomy trials may influence stroke care delivery: are you ready? *Int J Stroke* 2015;10, 646–50 ● Hacke W, Ringleb P, Jansen O, Eckstein HH. Asymptomatische Karotisstenosen: Eine verpasste Chance. *Dtsch Arzteblatt* 2015;112, A-272 / B-234 / C-230 ● Hametner C, Ringleb P, Kellert L. Sex and Hemisphere - A Neglected, Nature-Determined Relationship in Acute Ischemic Stroke. *Cerebrovasc Dis* 2015;40, 59–66 ● Hametner C, Stanarcevic P, Stampfli S, Rohde S, Veltkamp R, Bösel J. Noninvasive cerebral oximetry during endovascular therapy for acute ischemic stroke: an observational study. *J Cereb Blood Flow Metab* 2015;35, 1722–8 ● Han K, Ren M, Wick W, Abrey L, Das A, Jin J, Reardon DA. Interpretation of

meta-analysis evaluating progression-free survival as a surrogate endpoint for overall survival in glioblastoma. **Neuro Oncol** 2015;17, 764–5 ● Heckel A, Weiler M, Xia A, Ruettters M, Pham M, Bendszus M, Heiland S, Baeumer P. Peripheral Nerve Diffusion Tensor Imaging: Assessment of Axon and Myelin Sheath Integrity. **PLoS One** 2015;10, e0130833 ● Heidbuchel H, Verhamme P, Alings M, Antz M, Diener HC, Hacke W, Oldgren J, Sinnaeve P, Camm AJ, Kirchhof P. Updated European Heart Rhythm Association Practical Guide on the use of non-vitamin K antagonist anticoagulants in patients with non-valvular atrial fibrillation. **Europace** 2015;17, 1467–507 ● Helling B, König M, Dälken B, Engling A, Krömer W, Heim K, Wallmeier H, Haas J, Wildemann B, Fritz B, Jonuleit H, Kubach J, Dingermann T, Radeke HH, Osterroth F, Uhrek C, Czeloth N, Schüttrumpf J. A specific CD4 epitope bound by tregalizumab mediates activation of regulatory T cells by a unique signaling pathway. **Immunol Cell Biol** 2015;93, 396–405 ● Herrlinger U, Platten M. Therapie des Gliommikromilieus. **Nervenarzt** 2015;86, 684–691 ● Horstmann S, Möhlenbruch M, Wegele C, Rizos T, Laible M, Rauch G Veltkamp R. Prevalence of atrial fibrillation and association of previous antithrombotic treatment in patients with cerebral microbleeds. **Eur J Neurol** 2015;22, 1355–62 ● Horstmann S, Rizos T, Saribas M, Efthymiou E, Rauch G, Veltkamp R. Cognitive impairment is not a predictor of failure to adhere to anticoagulation of stroke patients with atrial fibrillation. **Cerebrovasc Dis** 2015;39, 325–31 Jarius S, Aktas O, Wildemann B. Gamma-aminobutyric acid receptor agonists, aquaporin-4, and neuromyelitis optica: a potential link. **Med Hypotheses** 2015;85, 628–30 ● Jarius S, Wildemann B. And Pavlov still rings a bell: summarising the evidence for the use of a bell in Pavlov's iconic experiments on classical conditioning. **J Neurol** 2015;262, 2177–8 ● Jarius S, Wildemann B. 'Medusa head ataxia': the expanding spectrum of Purkinje cell antibodies in autoimmune cerebellar ataxia Part 3: Anti-Yo/CDR2, anti-Nb/AP3B2, PCA-2, anti-Tr/DNER, other antibodies, diagnostic pitfalls, summary and outlook. **J Neuroinflammation** 2015;12, 168 ● Jarius S, Wildemann B. Devic's disease before Devic: Bilateral optic neuritis and simultaneous myelitis in a young woman (1874) **J Neurol Sci** 2015;358, 419–21 ● Jarius S, Wildemann B. 'Medusa-head ataxia': the expanding spectrum of Purkinje cell antibodies in autoimmune cerebellar ataxia Part 1: Anti-mGluR1, anti-Homer-3, anti-Sj/ITPR1 and anti-CARP VIII. **J Neuroinflammation** 2015;12, 166 ● Jarius S, Wildemann B, Stöcker W, Moser A, Wandinger KP. Psychotic syndrome associated with anti-Ca/ARHGAP26 and voltage-gated potassium channel antibodies. **J Neuroimmunol** 2015;286, 79–82 ● Jarius S, Wildemann B. 'Medusa head ataxia': the expanding spectrum of Purkinje cell antibodies in autoimmune cerebellar ataxia Part 2: Anti-PKC-gamma, anti-GlUR-delta2, anti-Ca/ARHGAP26 and anti-VGCC. **J Neuroinflammation** 2015;12, 167 Keller A, Leidinger P, Meese E, Haas J, Backes C, Rasche L, Behrens JR, Pfuhl C, Wakonig K, Gieß RM, Jarius S, Meder B, Bellmann-Strobl J, Paul F, Pache FC, Ruprecht K. Next-generation sequencing identifies altered whole blood microRNAs in neuromyelitis optica spectrum disorder which may permit discrimination from multiple sclerosis. **J Neuroinflammation** 12, 196 ● Kellert L, Kloss M, Pezzini A, Metso TM, Metso AJ, Debette S, Leys D, Caso V, Thijs V, Bersano A, Touzé E, Tatlisumak T, Gensicke H, Lyer PA, Bösel J, Engelter ST, Grond-Ginsbach C. Anemia in young patients with ischaemic stroke. **Eur J Neurol** 2015;22, 948–53 ● Kessler I, Sahm F, Blaes J, Osswald M, Rübmann P, Milford D, Urban S, Jestaedt L, Heiland S, Bendszus M, Hertenstein A, Pfenning PN, Ruiz de Almodóvar C, Wick A, Winkler F, von Deimling A, Platten M, Wick W, Weiler M. Glioma cell VEGFR-2 confers resistance to chemotherapeutic and antiangiogenic treatments in PTEN-deficient glioblastoma. **Oncotarget** 2015;6, 31050–68 ● Khatri P, Hacke W, Fiehler J, Saver JL, Diener HC, Bendszus M, Bracard S, Broderick J, Campbell B, Ciccone A, Dávalos A, Davis S, Demchuk AM, Dippel D, Donnan G, Fiorella D, Goyal M, Hill MD, Jauch EC, Jovin TG, Kidwell CS, Majioie C, Martins SCO, Mitchell P, Mocco J, Muir K, Nogueira RG, Schonewille WJ, Siddiqui A H,

Thomalla G, Tomsick TA, Turk AS, White PM, Zaidat OO, Liebeskind DS, Fulton R, Lees KR. State of acute endovascular therapy: report from the 12th thrombolysis, thrombectomy, and acute stroke therapy conference. *Stroke* 2015;46, 1727–34 ● Kickingereder P, Sahm F, Radbruch A, Wick W, Heiland S, Deimling A von, Bendszus M, Wiestler B. IDH mutation status is associated with a distinct hypoxia/angiogenesis transcriptome signature which is non-invasively predictable with rCBV imaging in human glioma. *Sci Rep* 2015;5, 16238 ● Kickingereder P, Wiestler B, Burth S, Wick A, Nowosielski M, Heiland S, Schlemmer HP, Wick W, Bendszus M, Radbruch A. Relative cerebral blood volume is a potential predictive imaging biomarker of bevacizumab efficacy in recurrent glioblastoma. *Neuro Oncol* 2015;17, 1139–47 ● Kickingereder P, Wiestler B, Graf M, Heiland S, Schlemmer HP, Wick W, Wick A, Bendszus M, Radbruch A. Evaluation of dynamic contrast-enhanced MRI derived microvascular permeability in recurrent glioblastoma treated with bevacizumab. *J Neurooncol* 2015;121, 373–80 ● Kolber P, Luessi F, Meuth SG, Klotz L, Korn T, Trebst C, Tackenberg B, Kieseier B, Kümpfel T, Fleischer V, Tumani H, Wildemann B, Lang M, Flachenecker P, Meier U, Brück W, Limmroth V, Haghikia A, Hartung HP, Stangel M, Hohlfeld R, Hemmer B, Gold R, Wiendl H, Zipp F. Current aspects of therapy conversion for multiple sclerosis. *Nervenarzt* 2015;86, 1236–47 ● Kollmer J, Hund E, Hornung B, Hegenbart U, Schönland SO, Kimmich C, Kristen AV, Purrucker J, Röcken C, Heiland S, Bendszus M, Pham, M. In vivo detection of nerve injury in familial amyloid polyneuropathy by magnetic resonance neurography. *Brain* 2015;138, 549–62 ● Korporal-Kuhnke M, Haas J, Schwarz A, Jarius S, Wildemann B. Plasmacytosis is a common immune signature in patients with MMN and CIDP and responds to treatment with IVIg. *J Neuroimmunol* 2015;278, 60–8 ● Krumbholz M, Hofstadt-van Oy U, Angstwurm K, Kleiter I, Jarius S, Paul F, Aktas O, Buchholz G, Kern P, Straube A, Kümpfel T. Very late-onset neuromyelitis optica spectrum disorder beyond the age of 75. *J Neurol* 2015;262, 1379–84 ● Kurz C, Hakimi M, Kloot M, Grond-Ginsbach C, Gross-Weissmann ML, Böckler D, von Knebel Doeberitz M, Dihlmann S. Coding Microsatellite Frameshift Mutations Accumulate in Atherosclerotic Carotid Artery Lesions: Evaluation of 26 Cases and Literature Review. *Mol Med* 2015;21, 479–86 ● Laible M, Horstmann S, Rizos T, Rauch G, Zorn M, Veltkamp R. Prevalence of renal dysfunction in ischaemic stroke and transient ischaemic attack patients with or without atrial fibrillation. *Eur J Neurol* 2015;22, 64–9, e4–5 ● Laible M, Horstmann S, Möhlenbruch M, Wegele C, Rizos T, Schüler S, Zorn M, Veltkamp R. Renal dysfunction is associated with deep cerebral microbleeds but not white matter hyperintensities in patients with acute intracerebral hemorrhage. *J Neurol* 2015;262, 2312–22 ● Laible M, Jenetzky E, Möhlenbruch M, Ringleb PA, Rizos T. Repeated Intravenous Treatment with Recombinant Tissue-Type Plasminogen Activator in Patients with Acute Ischemic Stroke. *Eur Neurol* 2015;74, 127–34 ● Laible M, Möhlenbruch M, Hacke W, Bendszus M, Ringleb PA, Rizos T. Repeated Intra-Arterial Thrombectomy within 72 Hours in a Patient with a Clear Contraindication for Intravenous Thrombolysis. *Case Rep Vasc Med* 2015, 872817 ● Lichy C, Metso A, Pezzini A, Leys D, Metso T, Lyrer P, Debette S, Thijs V, Abboud S, Kloss M, Samson Y, Caso V, Sessa M, Beretta S, Lamy C, Medeiros E, Bersano A, Touze E, Tatlisumak T, Grau A, Brandt T, Engelte S, Grond-Ginsbach C. Predictors of delayed stroke in patients with cervical artery dissection. *Int J Stroke* 2015;10, 360–3 ● Liesz A, Dalpke A, Mracsko E, Antoine DJ, Roth S, Zhou W, Yang H, Na SY, Akhisaroglu M, Fleming T, Eigenbrod T, Nawroth PP, Tracey KJ, Veltkamp R. DAMP signaling is a key pathway inducing immune modulation after brain injury. *J Neurosci* 2015;35, 583–98 ● Liesz A, Roth S, Zorn M, Sun L, Hofmann K, Veltkamp R. Acquired Immunoglobulin G deficiency in stroke patients and experimental brain ischemia. *Exp Neurol* 2015;271, 46–52 ● Löw S, Gruber A, Weinberg J, Roesch-Ely D, Bendszus M, Wolff RC. Psychiatric manifestations of primary Sjögren's syndrome. *Nervenarzt* 2015;86, 884–6

MacIsaac RL, Khatri P, Bendszus M, Bracard S, Broderick J, Campbell B, Ciccone A, Dávalos A, Davis SM, Demchuk A, Diener HC, Dippel D, Donnan GA, Fiehler J, Fiorella D, Goyal M, Hacke W, Hill MD, Jahan R, Jauch E, Jovin T, Kidwell CS, Liebeskind D, Majoe CB, Martins SCO, Mitchell P, Mocco J, Muir KW, Nogueira R, Saver JL, Schonewille WJ, Siddiqui AH, Thomalla G, Tomsick TA, Turk AS, White P, Zaidat O, Lees KR. A collaborative sequential meta-analysis of individual patient data from randomized trials of endovascular therapy and tPA vs tPA alone for acute ischemic stroke: ThRombEctomy And tPA (TREAT) analysis: statistical analysis plan for a sequential meta-analysis performed within the VISTA-Endovascular collaboration. *Int J Stroke* 2015;10, 136–144 ● Melamed E, Levy M, Waters PJ, Sato DK, Bennett JL, John GR, Hooper DC, Saiz A, Bar-Or A, Kim HJ, Pandit L, Leite MI, Asgari N, Kissani N, Hintzen R, Marignier R, Jarius S, Marcelletti J, Smith TJ, Yeaman MR, Han MH, Aktas O, Apivattanakul M, Banwell B, Bichuetti D, Broadley S, Cabre P, Chitnis T, De Seze J, Fujihara K, Greenberg B, Hellwig K, Iorio R, Klawiter E, Kleiter I, Lana-Peixoto M, Nakashima, O'Connor K, Palace J, Paul F, Prayoonwiwat N, Ruprecht K, Stuve O, Tedder T, Tenembaum S, Garrahan JP, Aires B, van Herle K, van Pelt D, Villoslada P, Waubant E, Weinshenker B, Wingerchuk D, Würfel J, Zamvil S. Update on biomarkers in neuromyelitis optica. *Neurol Neuroimmunol neuroinflammation* 2015;2, e134 ● Mencacci NE, Erro R, Wiethoff S, Hersheson J, Ryten M, Balint B, Ganos C, Stamelou M, Quinn N, Houlden H, Wood NW, Bhatia KP. ADCY5 mutations are another cause of benign hereditary chorea. *Neurology* 2015;85, 80–88 ● Möhlenbruch MA, Herweh C, Jestaedt L, Stampfl S, Schönenberger S, Ringleb PA, Bendszus M, Pham M. The FRED flow-diverter stent for intracranial aneurysms: clinical study to assess safety and efficacy. *AJNR Am J Neuroradiol* 2015;36, 1155–61 ● Mucke J, Möhlenbruch M, Kickingereder P, Kieslich PJ, Bäumer P, Gumbinger C, Purrucker J, Mundiyapurath S, Schlemmer HP, Bendszus M, Radbruch. A Asymmetry of deep medullary veins on susceptibility weighted MRI in patients with acute MCA stroke is associated with poor outcome. *PLoS One* 2015;10, e0120801 ● Müller LE, Schulz A, Andermann M, Gäbel A, Gescher DM, Spohn A, Herpertz SC, Bertsch K. Cortical Representation of Afferent Bodily Signals in Borderline Personality Disorder: Neural Correlates and Relationship to Emotional Dysregulation. *JAMA psychiatry* 2015;72, 1–10 ● Mundiyapurath S, Möhlenbruch M, Ringleb PA, Bösel J, Wick W, Bendszus M, Radbruch A. Posterior Circulation Acute Stroke Prognosis Early Computed Tomography Score Using Hypointense Vessels on Susceptibility Weighted Imaging Independently Predicts Outcome in Patients with Basilar Artery Occlusion. *PLoS One* 2015;10, e0132587 ● Mundiyapurath S, Stehr A, Wolf M, Kieser M, Möhlenbruch M, Bendszus M, Hacke W, Bösel J. Pulmonary and circulatory parameter guided anesthesia in patients with ischemic stroke undergoing endovascular recanalization. *J Neurointerv Surg* 2015; 8(4):335–41 ● Mundiyapurath S, Schönenberger S, Rosales ML, Carrilho Romeiro AM, Möhlenbruch M, Bendszus M, Hacke W, Bösel J. Circulatory and Respiratory Parameters during Acute Endovascular Stroke Therapy in Conscious Sedation or General Anesthesia. *J Stroke Cerebrovasc Dis* 2015;24, 1244–9 **N**a S-Y, Mracsко E, Liesz, A, Hünig, T & Veltkamp R. Amplification of regulatory T cells using a CD28 superagonist reduces brain damage after ischemic stroke in mice. *Stroke* 2015;46, 212–20 ● Ntaios G, Bornstein NM, Caso V, Christensen H, De Keyser J, Diener HC, Diez-Tejedor E, Ferro JM, Ford GA, Grau A, Keller E, Leys D, Russell D, Toni D, Turc G, Van der Worp B, Wahlgren N, Steiner T. The European Stroke Organisation Guidelines: a standard operating procedure. *Int J Stroke* 2015;10 Suppl A, 128–35 ● Ntaios G, Dziedzic T, Michel P, Papavasileiou V, Petersson J, Staykov D, Thomas B, Steiner T. European Stroke Organisation (ESO) guidelines for the management of temperature in patients with acute ischemic stroke. *Int J Stroke* 2015;10, 941–9 **O**kada H, Weller M, Huang R, Finocchiaro G, Gilbert MR, Wick W, Ellingson BM, Hashimoto N, Pollack IF, Brandes AA, Franceschi E, Herold-Mende C, Nayak L, Panigrahy

A, Pope WB, Prins, R, Sampson, J H, Wen, P Y & Reardon, D A. Immunotherapy response assessment in neuro-oncology: a report of the RANO working group. *Lancet Oncol* 2015;16, e534–42 ● Osswald M, Jung E, Sahm F, Solecki G, Venkataramani V, Blaes J, Weil S, Horstmann H, Wiestler B, Syed M, Huang L, Ratliff M, Karimian Jazi K, Kurz FT, Schmenger T, Lemke D, Gömmel M, Pauli M, Liao Y, Häring P, Pusch S, Herl V, Steinhäuser C, Krunic D, Jarahian M, Miletic H, Berghoff AS, Griesbeck O, Kalamakis G, Garaschuk O, Preusser M, Weiss S, Liu H, Heiland S, Platten M, Huber PE, Kuner T, von Deimling A, Wick W, Winkler F. Brain tumour cells interconnect to a functional and resistant network. *Nature* 2015;528, 93–8 ● Ott M, Litzenburger UM, Rauschenbach KJ, Bunse L, Ochs K, Sahm F, Pusch S, Opitz CA, Blaes J, von Deimling A, Wick W, Platten M. Suppression of TDO-mediated tryptophan catabolism in glioblastoma cells by a steroid-responsive FKBP52-dependent pathway. *Glia* 2015;63, 78–90 Pachow D, Wick W, Gutmann DH, Mawrin C. The mTOR signaling pathway as a treatment target for intracranial neoplasms. *Neuro Oncol* 2015;17, 189–99 ● Paech D, Burth S, Windschuh J, Meissner JE, Zaiss M, Eidel O, Kickingereder P, Nowosielski M, Wiestler B, Sahm F, Floca RO, Neumann JO, Wick W, Heiland S, Bendszus M, Schlemmer HP, Ladd ME, Bachert P, Radbruch A. Nuclear Overhauser Enhancement imaging of glioblastoma at 7 Tesla: region specific correlation with apparent diffusion coefficient and histology. *PLoS One* 2015;10, e0121220 ● Parry-Jones AR, Di Napoli M, Goldstein JN, Schreuder FHBM, Tetri S, Tatlisumak T, Yan B, van Nieuwenhuizen KM, Dequatre-Ponchelle N, Lee-Archer M, Horstmann S, Wilson D, Pomero F, Masotti L, Lerpiniere C, Godoy DA, Cohen AS, Houben R, Al-Shahi Salman R, Pennati P, Fenoglio L, Werring D, Veltkamp R, Wood E, Dewey HM, Cordonnier C, Klijn CJM, Meligeni F, Davis SM, Huhtakangas J, Staals J, Rosand J, Meretoja A. Reversal strategies for vitamin K antagonists in acute intracerebral hemorrhage. *Ann Neurol* 2015;78, 54–62 ● Pfaff J, Herweh C, Pham M, Schönenberger S, Bösel J, Ringleb PA, Heiland S, Bendszus M, Möhlenbruch M. Mechanical thrombectomy using a combined CT/C-arm X-ray system. *J Neurointerv Surg* 2015; 8(6):621–5 ● Pham M, Oikonomou D, Hornung B, Weiler M, Heiland S, Bäumer P, Kollmer J, Nawroth PP, Bendszus M. Magnetic resonance neurography detects diabetic neuropathy early and with Proximal Predominance. *Ann Neurol* 2015;78, 939–48 ● Piepgras J, Höltje M, Michel K, Li Q, Otto C, Drenckhahn C, Probst C, Schemann M, Jarius S, Stöcker W, Balint B, Meinck HM, Buchert R, Dalmau J, Ahnert-Hilger G, Ruprecht K. Anti-DPPX encephalitis: pathogenic effects of antibodies on gut and brain neurons. *Neurology* 2015;85, 890–7 ● Platten M, Offringa R. Cancer immunotherapy: exploiting neoepitopes. *Cell Res* 2015;25, 887–8 ● Platten M, Wick W. Tregs in gliomas - the jury is still out. *Neuro Oncol* 2015;17, 769–70 ● Pollack CV, Reilly PA, Eikelboom J, Glund S, Verhamme P, Bernstein RA, Dubiel R, Pharm D, Huisman MV, Hylek EM, Kamphuisen PW, Kreuzer J, Levy JH, Sellke FW, Stangier J, Steiner T, Wang B, Kam CW, Weitz JI. Idarucizumab for Dabigatran Reversal. *N Engl J Med* 2015;373, 511–20 ● Preusser M, Berghoff AS, Wick W, Weller M. Clinical Neuropathology mini-review 6–2015: PD-L1: emerging biomarker in glioblastoma? *Clin Neuropathol* 2015;34, 313–21 ● Preusser M, Winkler F. Optionen für die Behandlung von Hirnmetastasen. *Nervenarzt* 2015;86 716–718 ● Probst C, Komorowsk L, de Graaff E, van Coevorden-Hameete M, Rogemond V, Honnorat J, Sabeter L, Graus F, Jarius S, Voltz R, Wildemann B, Franciotta D, Blöcker IM, Schlumberger W, Stöcker W, Sillevits Smitt PAE. Standardized test for anti-Tr/DNER in patients with paraneoplastic cerebellar degeneration. *Neurol Neuroimmunol neuroinflammation* 2015;2, e68 ● Puccetti P, Fallarino F, Italiano A, Soubeyran I, MacGrogan G, Debled M, Velasco V, Bodet D, Eimer S, Veldhoen M, Prendergast GC, Platten M, Bessede A, Guillemin GJ. Accumulation of an endogenous tryptophan-derived metabolite in colorectal and breast cancers. *PLoS One* 2015;10, e0122046 ● Purucker JC, Renzland J, Uhlmann L, Bruckner T, Hacke W, Steiner T, Bösel, J. Volatile sedation with sevoflurane in intensive care patients

with acute stroke or subarachnoid haemorrhage using AnaConDa®: an observational study. *Br J Anaesth* 2015;114, 934–43 ● Purrucker JC, Hametner C, Engelbrecht A, Bruckner T, Popp E, Poli S. Comparison of stroke recognition and stroke severity scores for stroke detection in a single cohort. *J Neurol Neurosurg Psychiatry* 2015;86, 1021–8 ● Purrucker JC, Ringleb PA, Rizos T. Schlaganfall-Sekundärprophylaxe mit oralen Antikoagulanzen - Wo stehen wir? *Der Neurologe & Psychiater* 2015;16, 36–41 Radbruch A, Fladt J, Kickingereder P, Wiestler B, Nowosielski M, Bäumer P, Schlemmer HP, Wick A, Heiland S, Wick W, Bendszus M. Pseudoprogression in patients with glioblastoma: clinical relevance despite low incidence. *Neuro Oncol* 2015;17, 151–9 ● Radbruch A, Weberling LD, Kieslich PJ, Eidel O, Burth S, Kickingereder P, Heiland S, Wick W, Schlemmer HP, Bendszus M. Gadolinium retention in the dentate nucleus and globus pallidus is dependent on the class of contrast agent. *Radiology* 2015;275, 783–91 ● Radbruch A, Weberling LD, Kieslich PJ, Hepp J, Kickingereder P, Wick W, Schlemmer HP, Bendszus M. High-Signal Intensity in the Dentate Nucleus and Globus Pallidus on Unenhanced T1-Weighted Images: Evaluation of the Macroyclic Gadolinium-Based Contrast Agent Gadobutrol. *Invest Radiol* 2015;50, 805–10 ● Reardon DA, Gilbert MR, Wick W, Liau L. Immunotherapy for neuro-oncology: the critical rationale for combinatorial therapy. *Neuro Oncol* 2015;17, vii32–vii40 ● Redaelli C, Gaffarogullari EC, Brune M, Pilz C, Becker S, Sonner J, Jäschke A, Gröne HJ, Wick W, Platten M, Lanz TV. Toxicity of teriflunomide in aryl hydrocarbon receptor deficient mice. *Biochem Pharmacol* 2015;98, 484–92 ● Reuss DE, Kratz A, Sahm F, Capper D, Schrimpf D, Koelsche C, Hovestadt V, Bewerunge-Hudler M, Jones DTW, Schittenhelm J, Mittelbronn M, Rushing E, Simon M, Westphal M, Unterberg A, Platten M, Paulus W, Reifenberger G, Tonn JC, Aldape K, Pfister SM, Korshunov A, Weller M, Herold-Mende C, Wick W, Brandner S, von Deimling A. Adult IDH wild type astrocytomas biologically and clinically resolve into other tumor entities. *Acta Neuropathol* 2015;130, 407–17 ● Reuss DE, Mamatjan Y, Schrimpf D, Capper D, Hovestadt V, Kratz A, Sahm F, Koelsche C, Korshunov A, Olar A, Hartmann C, Reijneveld JC, Wesseling P, Unterberg A, Platten M, Wick W, Herold-Mende C, Aldape K, von Deimling A. IDH mutant diffuse and anaplastic astrocytomas have similar age at presentation and little difference in survival: a grading problem for WHO. *Acta Neuropathol* 2015;129, 867–73 ● Reuss DE, Sahm F, Schrimpf D, Wiestler B, Capper D, Koelsche C, Schweizer L, Korshunov A, Jones DTW, Hovestadt V, Mittelbronn M, Schittenhelm J, Herold-Mende C, Unterberg A, Platten M, Weller M, Wick W, Pfister SM, von Deimling A. ATRX and IDH1-R132H immunohistochemistry with subsequent copy number analysis and IDH sequencing as a basis for an 'integrated' diagnostic approach for adult astrocytoma, oligodendrogloma and glioblastoma. *Acta Neuropathol* 2015;129, 133–46 ● Reuter B, Gumbiner C, Sauer T, Wiethölter H, Bruder I, Diehm C, Ringleb PA, Kern R, Hacke W, Hennerici MG. Intravenous Thrombolysis is Effective in Young Adults: Results from the Baden-Wuerttemberg Stroke Registry. *Front Neurol* 2015;6, 229 ● Ringelstein M, Albrecht P, Kleffner I, Bühn B, Harmel J, Müller AK, Finis D, Guthoff R, Bergholz R, Duning T, Krämer M, Paul F, Brandt A, Oberwahrenbrock T, Mikolajczak J, Wildemann B, Jarius S, Hartung HP, Aktas O, Dörr J. Retinal pathology in Susac syndrome detected by spectral-domain optical coherence tomography. *Neurology* 2015;85, 610–8 ● Rizos T, Quilitzsch A, Busse O, Haeusler KG, Endres M, Heuschmann P, Veltkamp R. Diagnostic work-up for detection of paroxysmal atrial fibrillation after acute ischemic stroke: cross-sectional survey on German stroke units. *Stroke* 2015;46, 1693–5 ● Rocco A, Ringleb PA, Grittner U, Nolte CH, Schneider A, Nagel S. Follow-up C-reactive protein level is more strongly associated with outcome in stroke patients than admission levels. *Neurol Sci* 2015;36, 2235–41 Sandmann T, Bourgon R, Garcia J, Li C, Cloughesy T, Chinot OL, Wick W, Nishikawa R, Mason W, Henriksson R, Saran F, Lai A, Moore N, Kharbanda S, Peale F, Hegde P, Abrey LE, Phillips HS, Bais C.

Patients With Proneural Glioblastoma May Derive Overall Survival Benefit From the Addition of Bevacizumab to First-Line Radiotherapy and Temozolomide: Retrospective Analysis of the AVAglio Trial. **J Clin Oncol** 2015;33, 2735–44 ● Saver JL, Goyal M, Bonafe A, Diener HC, Levy EI, Pereira VM, Albers GW, Cognard C, Cohen DJ, Hacke W, Jansen O, Jovin TG, Mattle HP, Nogueira RG, Siddiqui AH, Yavagal DR, Devlin TG, Lopes DK, Reddy V, du Mesnil de Rochemont R, Jahan R. SWIFT PRIME Investigators Solitaire™ with the Intention for Thrombectomy as Primary Endovascular Treatment for Acute Ischemic Stroke (SWIFT PRIME) trial: protocol for a randomized, controlled, multicenter study comparing the Solitaire revascularization device with IV tPA with IV tPA alone in acute ischemic stroke. **Int J Stroke** 2015;10, 439–48 ● Saver JL, Goyal M, Bonafe A, Diener HC, Levy EI, Pereira VM, Albers GW, 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, du Mesnil de Rochemont R, Singer OC, Jahan R. For the SWIFT PRIME Investigators Stent-retriever thrombectomy after intravenous t-PA vs t-PA alone in stroke. **N Engl J Med** 2015;372, 2285–95 ● Schönenberger S, Bösel J. Peri-interventional management of acute endovascular stroke treatment. **Nervenarzt** 2015;86, 1217–25 ● Schönenberger S, Hacke W, Bösel J. Letter by Schönenberger et al Regarding Article, ‘Type of Anesthesia and Differences in Clinical Outcome After Intra-Arterial Treatment for Ischemic Stroke’. **Stroke** 2015;46, e188 ● Schönenberger S, Möhlenbruch M, Pfaff J, Mundiyanapurath S, Kieser M, Bendszus M, Hacke W, Bösel J. Sedation vs Intubation for Endovascular Stroke TreAtment (SIESTA) - a randomized monocentric trial. **Int J Stroke** 2015;10, 969–78 ● Schwarz D, Weiler M, Pham M, Heiland S, Bendszus M, Bäumer P. Diagnostic signs of motor neuropathy in MR neurography: nerve lesions and muscle denervation. **Eur Radiol** 2015;25, 1497–503 ● Singer DE, Hellkamp AS, Yuan Z, Lokhnygina Y, Patel MR, Piccini JP, Hankey GJ, Breithardt G, Halperin JL, Becker RC, Hacke W, Nessel CC, Mahaffey KW, Fox KA, Califf RM. Alternative calculations of individual patient time in therapeutic range while taking warfarin: results from the ROCKET AF trial. **J Am Hear Assoc** 2015; 2(3):e86 ● Steinberg BA, Hellkamp AS, Lokhnygina Y, Patel MR, Breithardt G, Hankey GJ, Becker RC, Singer DE, Halperin JL, Hacke W, Nessel CC, Berkowitz SD, Mahaffey KW, Fox KAA, Califf RM, Piccini JP. Higher risk of death and stroke in patients with persistent vs paroxysmal atrial fibrillation: results from the ROCKET-AF Trial. **Eur Heart J** 2015;36, 288–96 ● Stoeck K, Carstens PO, Jarius S, Raddatz D, Stöcker W, Wildemann B, Schmidt J. Prednisolone and azathioprine are effective in DPPX antibody-positive autoimmune encephalitis. **Neurol Neuroimmunol neuroinflammation** 2015;2, e86 ● Sykora M, Siarnik P, Diedler J. β-Blockers, Pneumonia, and Outcome After Ischemic Stroke: Evidence From Virtual International Stroke Trials Archive. **Stroke** 2015;46, 1269–74 **T**aphoorn MJB, Henriksson R, Bottomley A, Cloughesy T, Wick W, Mason WP, Saran F, Nishikawa R, Hilton M, Theodore-Oklota C, Ravelo A, Chinot OL. Health-Related Quality of Life in a Randomized Phase III Study of Bevacizumab, Temozolomide, and Radiotherapy in Newly Diagnosed Glioblastoma. **J Clin Oncol** 2015;33, 2166–75 ● Torbey MT, Bösel J, Rhoney DH, Rincon F, Staykov D, Amar AP, Varelas PN, Jüttler E, Olson D, Huttner HB, Zweckberger K, Sheth KN, Dohmen C, Brambrink AM, Mayer SA, Zaidat OO, Hacke W, Schwab S. Evidence-based guidelines for the management of large hemispheric infarction : a statement for health care professionals from the Neurocritical Care Society and the German Society for Neuro-intensive Care and Emergency Medicine. **Neurocrit Care** 2015;22, 146–64 ● Traenka C, Disanto G, Seiffge DJ, Gensicke H, Hert L, Grond-Ginsbach C, Peters N, Regeniter A, Kloss M, De Marchis GM, Bonati LH, Lyrer PA, Kuhle J, Engelbert ST. Serum Neurofilament Light Chain Levels Are Associated with Clinical Characteristics and Outcome in Patients with Cervical Artery Dissection. **Cerebrovasc Dis** 2015;40, 222–7 **V**acchelli E, Aranda F, Eggermont A, Sautès-Fridman C, Tartour E, Kennedy EP, Platten M, Zitvogel L, Kroemer G, Galluzzi L. Trial watch: IDO

inhibitors in cancer therapy. *Oncoimmunology* 2015; 4(4):e1008866 ● Veltkamp R, Heuschmann PU, Haas K, Horstmann S, Rizos T, Purrucker J. Register for acute strokes under new oral anticoagulants (RASUNOAprime). *Dtsch Med Wochenschr* 140 Suppl , S10 ● Veltkamp R, Na SY, Liesz A. Response to letter regarding article, ‘amplification of regulatory T cells using a CD28 superagonist reduces brain damage after ischemic stroke in mice’. *Stroke* 2015;46, e52 ● von Kummer R, Broderick JP, Campbell BC, Demchuk A, Goyal M, Hill MD, Treurniet KM, Majoe CB, Marquering HA, Mazya MV, San Román L, Saver JL, Strbian D, Whiteley W, Hacke W. The Heidelberg Bleeding Classification: Classification of Bleeding Events After Ischemic Stroke and Reperfusion Therapy. *Stroke* 2015;46, 2981–6 Webb AJ, Ullman NL, Morgan TC, Muschelli J, Kornbluth J, Awad IA, Mayo S, Rosenblum M, Ziai W, Zuccarello M, Aldrich F, John S, Harnof S, Lopez G, Broaddus WC, Wijman C, Vespa P, Bullock R, Haines SJ, Cruz-Flores S, Tuhrim S, Hill MD, Narayan R, Hanley DF, for the MISTIE and CLEAR Investigators. Accuracy of the ABC/2 Score for Intracerebral Hemorrhage: Systematic Review and Analysis of MISTIE, CLEAR-IVH, and CLEAR III. *Stroke* 2015;46, 2470–6 ● Weberling LD, Kieslich PJ, Kickingereder P, Wick W, Bendszus M, Schlemmer HP, Radbruch A. Increased Signal Intensity in the Dentate Nucleus on Unenhanced T1-Weighted Images After Gadobenate Dimeglumine Administration. *Invest Radiol* 2015;50, 743–8 ● Weller M, Tabatabai G, Kästner B, Felsberg J, Steinbach JP, Wick A, Schnell O, Hau P, Herrlinger U, Sabel MC, Wirsching HG, Ketter R, Bähr O, Platten M, Tonn JC, Schlegel U, Marosi C, Goldbrunner R, Stupp R, Homicsko K, Pichler J, Nikkhah G, Meixensberger J, Vajkoczy P, Kollias S, Hüsing J, Reifenberger G, & Wick W. MGMT Promoter Methylation Is a Strong Prognostic Biomarker for Benefit from Dose-Intensified Temozolomide Rechallenge in Progressive Glioblastoma: The DIRECTOR Trial. *Clin Cancer Res* 2015;21, 2057–64 ● Wick W, Hau P. Personalized therapy for gliomas. *Nervenarzt* 2015;86, 692, 694–6, 698–700 ● Wick W, Weller M. Neuro-oncology. *Nervenarzt* 2015;86, 671 ● Wick W, Wiestler B, Platten M. Treatment of anaplastic glioma. *Cancer Treat Res* 2015;163, 89–101 ● Wingerchuk DM, Banwell B, Bennett JL, Cabre P, Carroll W, Chitnis T, de Seze J, Fujihara K, Greenberg B, Jacob A, Jarius S, Lana-Peixoto M, Levy M, Simon JH, Tenembaum S, Traboulsee AL, Waters P, Wellik KE, Weinshenker BG. International consensus diagnostic criteria for neuromyelitis optica spectrum disorders. *Neurology* 2015;85, 177–89 ● Winkler F. The brain metastatic niche. *J Mol Med* (Berl) 2015;11, 1213-20 ● Wirth J, di Giuseppe R, Wientzek A, Katzke VA, Kloss M, Kaaks R, Boeing H, Weikert C. Presence of gallstones and the risk of cardiovascular diseases: The EPIC-Germany cohort study. *Eur J Prev Cardiol* 2015;22, 326–34 ● Zaiss M, Windschuh J, Paech D, Meissner JE, Burth S, Schmitt B, Kickingereder P, Wiestler B, Wick W, Bendszus M, Schlemmer HP, Ladd ME, Bachert P, Radbruch A. Relaxation-compensated CEST-MRI of the human brain at 7T: Unbiased insight into NOE and amide signal changes in human glioblastoma. *Neuroimage* 2015;112, 180–8 ● Zhou W, Marinescu M, Veltkamp R. Only Very Early Oxygen Therapy Attenuates Posthemorrhagic Edema Formation and Blood–Brain Barrier Disruption in Murine Intracerebral Hemorrhage. *Neurocrit Care* 2015;22, 121–132