

Inselspital

Department of Neurosurgery, Inselspital, [Bern University Hospital](#) [Switzerland](#).

The Inselspital, also named the University Hospital of Bern (German: Universitätsspital Bern), located in Bern, is one of the five university hospitals of Switzerland. It is associated with the University of Bern.

The hospital is operated by a charitable foundation established in 1354 through the will of Anna Seiler, a wealthy Bernese.

It acquired its current name in 1531 when it occupied the buildings of the “St. Michaels Insel” convent.

From 1841 on, it has participated in the training of medical students. The hospital moved to its present location in 1885.

Many of the historic buildings were demolished from 1958 to 1978 and replaced by modern infrastructure, including a high-rise patient building.

As of 2016, the hospital employs a staff of 7,255 and provides care for 250,000 patients each year. It also provides practical training to 600 medical students and over 1,000 other healthcare professionals.

The prominent physicians who have practiced in the Inselspital include [Emil Theodor Kocher](#), the [1909](#) Nobel laureate.

Staff

Kathleen Seidel...

Publications

Seidel K, Krieg SM. Special Topic Issue: [Intraoperative Neurophysiological Monitoring](#). J Neurol Surg A Cent Eur Neurosurg. 2021 Jul;82(4):297-298. doi: 10.1055/s-0041-1731685. Epub 2021 Jul 14. PMID: 34261154.

Tripathi P, Guo H, Dreser A, Yamoah A, Sechi A, Jesse CM, Katona I, Doukas P, Nikolin S, Ernst S, Aronica E, Glaß H, Hermann A, Steinbusch H, Feller AC, Bergmann M, Jaarsma D, Weis J, Goswami A. Pathomechanisms of [ALS8](#): altered autophagy and defective RNA binding protein (RBP) homeostasis due to the VAPB P56S mutation. Cell Death Dis. 2021 May 10;12(5):466. doi: 10.1038/s41419-021-03710-y. PMID: 33972508.

Schefold JC, Messmer AS, Wenger S, Müller L, von Haehling S, Doehner W, McPhee JS, Fux M, Rösler KM, Scheidegger O, Olariu R, Z'Graggen W, Rezzi S, Grathwohl D, Konz T, Takala J, Cuenoud B, Jakob SM. Nutrient pattern analysis in critically ill patients using Omics technology (NACHO) - Study protocol for a prospective observational study. *Medicine (Baltimore)*. 2019 Jan;98(1):e13937. doi: 10.1097/MD.00000000000013937. PubMed PMID: 30608424.

2: Alicandri-Ciufelli M, Pingani L, Mariano D, Anschuetz L, Molinari G, Marchioni D, Bonali M, Galeazzi GM, Presutti L. Rating surgical field quality in endoscopic ear surgery: proposal and validation of the "Modena Bleeding Score". *Eur Arch Otorhinolaryngol*. 2019 Jan 2. doi: 10.1007/s00405-018-05268-6. [Epub ahead of print] PubMed PMID: 30604058.

3: Goldberg J, Schoeni D, Mordasini P, Z'Graggen W, Gralla J, Raabe A, Beck J, Fung C. Survival and Outcome After Poor-Grade Aneurysmal Subarachnoid Hemorrhage in Elderly Patients. *Stroke*. 2018 Dec;49(12):2883-2889. doi: 10.1161/STROKEAHA.118.022869. PubMed PMID: 30571422.

4: Tsivgoulis G, Katsanos AH, Schellinger PD, Köhrmann M, Caso V, Palaiodimou L, Magoufis G, Arthur A, Fischer U, Alexandrov AV. Advanced Neuroimaging in Stroke Patient Selection for Mechanical Thrombectomy. *Stroke*. 2018 Dec;49(12):3067-3070. doi: 10.1161/STROKEAHA.118.022540. PubMed PMID: 30571421.

Mendonca M, Hautz WE, Schucht P, Reineke D, Kadner A, Lehmann B, Gassmann M, Brülisauer T, Graf M, Keitel K, Schrag MD, Eberle B. Extracorporeal life support in hypothermic cardiac arrest: reconsidering trauma as an absolute contraindication. *Resuscitation*. 2018 Dec 15. pii: S0300-9572(18)31089-X. doi: 10.1016/j.resuscitation.2018.11.011. [Epub ahead of print] PubMed PMID: 30562595.

2: Cianfoni A, Distefano D, Isalberti M, Reinert M, Scarone P, Kuhlen D, Hirsch JA, Bonaldi G. Stent-screw-assisted internal fixation: the SAIF technique to augment severe osteoporotic and neoplastic vertebral body fractures. *J Neurointerv Surg*. 2018 Dec 14. pii: neurintsurg-2018-014481. doi: 10.1136/neurintsurg-2018-014481. [Epub ahead of print] PubMed PMID: 30552168.

3: Luh C, Feiler S, Frauenknecht K, Meyer S, Lubomirov LT, Neulen A, Thal SC. The Contractile Apparatus Is Essential for the Integrity of the Blood-Brain Barrier After Experimental Subarachnoid Hemorrhage. *Transl Stroke Res*. 2018 Nov 23. doi: 10.1007/s12975-018-0677-0. [Epub ahead of print] PubMed PMID: 30467816.

4: Di Santo S, Widmer HR. Neurotrophic factor-based strategies to enhance survival and differentiation of neural progenitor cells toward the dopaminergic phenotype. *Brain Circ*. 2018 Jul-Sep;4(3):139-141. doi: 10.4103/bc.bc_23_18. Epub 2018 Oct 9. Review. PubMed PMID: 30450422; PubMed Central PMCID: PMC6187939.

5: Widmer HR. Combination of cell transplantation and glial cell line-derived neurotrophic factor-secreting encapsulated cells in Parkinson's disease. *Brain Circ*. 2018 Jul-Sep;4(3):114-117. doi: 10.4103/bc.bc_19_18. Epub 2018 Oct 9. Review. PubMed PMID: 30450417; PubMed Central PMCID: PMC6187948.

6: Bochtler T, Kartal-Kaess M, Granzow M, Hielscher T, Cosenza MR, Herold-Mende C, Jauch A, Krämer A. Micronucleus formation in human cancer cells is biased by chromosome size. *Genes Chromosomes Cancer*. 2018 Nov 8. doi: 10.1002/gcc.22707. [Epub ahead of print] PubMed PMID: 30411433.

- 7: Sheth SA, Malhotra K, Liebeskind DS, Liang CW, Yoo AJ, Jahan R, Nogueira RG, Pereira V, Gralla J, Albers G, Goyal M, Saver JL. Regional Contributions to Poststroke Disability in Endovascular Therapy. *Interv Neurol*. 2018 Oct;7(6):533-543. doi: 10.1159/000492400. Epub 2018 Sep 3. PubMed PMID: 30410533; PubMed Central PMCID: PMC6216699.
- 8: Seidel K, Biner MS, Zubak I, Rychen J, Beck J, Raabe A. Continuous dynamic mapping to avoid accidental injury of the facial nerve during surgery for large vestibular schwannomas. *Neurosurg Rev*. 2018 Oct 26. doi: 10.1007/s10143-018-1044-z. [Epub ahead of print] PubMed PMID: 30367353.
- 9: Khan S, Nobili L, Khatami R, Loddenkemper T, Cajochen C, Dijk DJ, Eriksson SH. Circadian rhythm and epilepsy. *Lancet Neurol*. 2018 Dec;17(12):1098-1108. doi: 10.1016/S1474-4422(18)30335-1. Epub 2018 Oct 23. Review. Erratum in: *Lancet Neurol*. 2018 Nov 19;:. PubMed PMID: 30366868.
- 10: Thurston RC, Chang Y, Barinas-Mitchell E, Jennings JR, von Känel R, Landsittel DP, Matthews KA. Physiologically assessed hot flashes and endothelial function among midlife women. *Menopause*. 2018 Nov;25(11):1354-1361. doi: 10.1097/GME.0000000000001239. PubMed PMID: 30358732.
- 11: Kim JT, Liebeskind DS, Jahan R, Menon BK, Goyal M, Nogueira RG, Pereira VM, Gralla J, Saver JL. Impact of Hyperglycemia According to the Collateral Status on Outcomes in Mechanical Thrombectomy. *Stroke*. 2018 Nov;49(11):2706-2714. doi: 10.1161/STROKEAHA.118.022167. PubMed PMID: 30355207.
- 12: Z'Graggen WJ, Schefold JC. Critical illness myopathy: Glucocorticoids revisited? *Acta Physiol (Oxf)*. 2018 Oct 18:e13205. doi: 10.1111/apha.13205. [Epub ahead of print] PubMed PMID: 30338655.
- 13: Vulcu S, Wagner F, Santos AF, Reitmeir R, Söll N, Schöni D, Fung C, Wiest R, Raabe A, Beck J, Z'Graggen WJ. Repetitive Computed Tomography Perfusion for Detection of Cerebral Vasospasm-Related Hypoperfusion in Aneurysmal Subarachnoid Hemorrhage. *World Neurosurg*. 2019 Jan;121:e739-e746. doi: 10.1016/j.wneu.2018.09.208. Epub 2018 Oct 9. PubMed PMID: 30308346.
- 14: Cianfoni A, Distefano D, Pravatà E, Espeli V, Pesce G, Mordasini P, La Barbera L, Scarone P, Bonaldi G. Vertebral body stent augmentation to reconstruct the anterior column in neoplastic extreme osteolysis. *J Neurointerv Surg*. 2018 Oct 8. pii: neurintsurg-2018-014231. doi: 10.1136/neurintsurg-2018-014231. [Epub ahead of print] PubMed PMID: 30297540.
- 1: Nowacki A, Nguyen TA, Tinkhauser G, Petermann K, Debove I, Wiest R, Pollo C. Accuracy of different three-dimensional subcortical human brain atlases for DBS -lead localisation. *Neuroimage Clin*. 2018 Sep 27;20:868-874. doi: 10.1016/j.nicl.2018.09.030. [Epub ahead of print] PubMed PMID: 30282063.
- 2: Roccio M, Perny M, Ealy M, Widmer HR, Heller S, Senn P. Molecular characterization and prospective isolation of human fetal cochlear hair cell progenitors. *Nat Commun*. 2018 Oct 2;9(1):4027. doi: 10.1038/s41467-018-06334-7. PubMed PMID: 30279445.
- 3: Hollunder S, Herrlinger U, Zipfel M, Schmolders J, Janzen V, Thiesler T, Güresir E, Schröck A, Far F, Pietsch T, Pantelis D, Thomas D, Vornholt S, Ernstmann N, Manser T, Neumann M, Funke B, Schmidt-Wolf IGH. Cross-sectional increase of adherence to multidisciplinary tumor board decisions. *BMC Cancer*. 2018 Sep 29;18(1):936. doi: 10.1186/s12885-018-4841-4. PubMed PMID: 30268109.
- 4: Habegger S, Wiest R, Weder BJ, Mordasini P, Gralla J, Häni L, Jung S, Reyes M, McKinley R. Relating Acute Lesion Loads to Chronic Outcome in Ischemic Stroke-An Exploratory Comparison of Mismatch Patterns and Predictive Modeling. *Front Neurol*. 2018 Sep 11;9:737. doi: 10.3389/fneur.2018.00737. eCollection 2018. PubMed PMID: 30254601; PubMed Central PMCID: PMC6141854.

- 5: Piña-Fuentes D, van Zijl JC, van Dijk JMC, Little S, Tinkhauser G, Oterdoom DLM, Tijssen MAJ, Beudel M. The characteristics of pallidal low-frequency and beta bursts could help implementing adaptive brain stimulation in the parkinsonian and dystonic internal globus pallidus. *Neurobiol Dis.* 2018 Sep 15;121:47-57. doi: 10.1016/j.nbd.2018.09.014. [Epub ahead of print] PubMed PMID: 30227227.
- 6: Dobrocky T, Mosimann PJ, Zibold F, Mordasini P, Raabe A, Ulrich CT, Gralla J, Beck J, Piechowiak EI. Cryptogenic Cerebrospinal fluid fistulas in Spontaneous Intracranial Hypotension: Role of Dynamic CT Myelography. *Radiology.* 2018 Sep 18:180732. doi: 10.1148/radiol.2018180732. [Epub ahead of print] PubMed PMID: 30226459.
- 7: Cissé Y, Toossi H, Ishibashi M, Mainville L, Leonard CS, Adamantidis A, Jones BE. Discharge and Role of Acetylcholine Pontomesencephalic Neurons in Cortical Activity and Sleep-Wake States Examined by Optogenetics and Juxtacellular Recording in Mice. *eNeuro.* 2018 Sep 13;5(4). pii: ENEURO.0270-18.2018. doi: 10.1523/ENEURO.0270-18.2018. eCollection 2018 Jul-Aug. PubMed PMID: 30225352; PubMed Central PMCID: PMC6140114.
- 8: Scheitz JF, Gensicke H, Zinkstok SM, Curtze S, Arnold M, Hametner C, Pezzini A, Turc G, Zini A, Padjen V, Wegener S, Nordanstig A, Kellert L, Kägi G, Bejot Y, Michel P, Leys D, Nolte CH, Nederkoorn PJ, Engelter ST; TRISP collaboration. Cohort profile: Thrombolysis in Ischemic Stroke Patients (TRISP): a multicentre research collaboration. *BMJ Open.* 2018 Sep 17;8(9):e023265. doi: 10.1136/bmjopen-2018-023265. PubMed PMID: 30224398; PubMed Central PMCID: PMC6150152.
- 9: Cianfoni A, Giamundo M, Pileggi M, Huscher K, Shapiro M, Isalberti M, Kuhlen D, Scarone P. Spinal Instrumentation Rescue with Cement Augmentation. *AJNR Am J Neuroradiol.* 2018 Sep 13. doi: 10.3174/ajnr.A5795. [Epub ahead of print] PubMed PMID: 30213804.
- 10: Marbacher S, Grüter B, Schöpf S, Croci D, Nevzati E, D'Alonzo D, Lattmann J, Roth T, Bircher B, Wolfert C, Muroi C, Dutilh G, Widmer HR, Fandino J. Systematic Review of In Vivo Animal Models of Subarachnoid Hemorrhage: Species, Standard Parameters, and Outcomes. *Transl Stroke Res.* 2018 Sep 12. doi: 10.1007/s12975-018-0657-4. [Epub ahead of print] Review. PubMed PMID: 30209798.
- 11: Wagner F, Gandolini M, Hakim A, Ermis E, Leiser D, Zbinden M, Anschuetz L, Raabe A, Caversaccio M, Wiest R, Herrmann E. Radiosurgery of vestibular schwannoma: prognostic factors for hearing outcome using 3D-constructive interference in steady state (3D-CISS). *Strahlenther Onkol.* 2018 Sep 10. doi: 10.1007/s00066-018-1361-8. [Epub ahead of print] PubMed PMID: 30203112.
- 12: Wirsching HG, Richter JK, Sahm F, Morel C, Krayenbuehl N, Rushing EJ, von Deimling A, Valavanis A, Weller M. Post-operative cardiovascular complications and time to recurrence in meningioma patients treated with versus without pre-operative embolization: a retrospective cohort study of 741 patients. *J Neurooncol.* 2018 Sep 8. doi: 10.1007/s11060-018-2996-0. [Epub ahead of print] PubMed PMID: 30196368.
- 13: Nowacki A, Galati S, Ai-Schlaepi J, Bassetti C, Kaelin A, Pollo C. Pedunculopontine nucleus: An integrative view with implications on Deep Brain Stimulation. *Neurobiol Dis.* 2018 Sep 3. pii: S0969-9961(18)30487-X. doi: 10.1016/j.nbd.2018.08.015. [Epub ahead of print] Review. PubMed PMID: 30189263.
- 14: Torrecillos F, Tinkhauser G, Fischer P, Green AL, Aziz TZ, Foltynie T, Limousin P, Zrinzo L, Ashkan K, Brown P, Tan H. Modulation of beta bursts in the subthalamic nucleus predicts motor performance. *J Neurosci.* 2018 Sep 4. pii: 1314-18. doi: 10.1523/JNEUROSCI.1314-18.2018. [Epub ahead of print] PubMed PMID: 30181135.
- 15: Liu H, He Z, April SL, Trefny MP, Rougier JS, Salemi S, Olariu R, Widmer HR, Simon HU. Biochemical

re-programming of human dermal stem cells to neurons by increasing mitochondrial membrane potential. *Cell Death Differ.* 2018 Aug 28. doi: 10.1038/s41418-018-0182-8. [Epub ahead of print] PubMed PMID: 30154448.

16: Moiyadi A, Velayutham P, Shetty P, Seidel K, Janu A, Madhugiri V, Singh VK, Patil A, John R. Combined Motor Evoked Potential Monitoring and Subcortical Dynamic Mapping in Motor Eloquent Tumors Allows Safer and Extended Resections. *World Neurosurg.* 2018 Aug 21. pii: S1878-8750(18)31829-1. doi: 10.1016/j.wneu.2018.08.046. [Epub ahead of print] PubMed PMID: 30138733.

17: Al-Shahi Salman R, Frantzi J, Lee RJ, Lyden PD, Battey TWK, Ayres AM, Goldstein JN, Mayer SA, Steiner T, Wang X, Arima H, Hasegawa H, Oishi M, Godoy DA, Masotti L, Dowlatshahi D, Rodriguez-Luna D, Molina CA, Jang DK, Davalos A, Castillo J, Yao X, Claassen J, Volbers B, Kazui S, Okada Y, Fujimoto S, Toyoda K, Li Q, Khoury J, Delgado P, Sabín JÁ, Hernández-Guillamon M, Prats-Sánchez L, Cai C, Kate MP, McCourt R, Venkatasubramanian C, Diringer MN, Ikeda Y, Worthmann H, Ziai WC, d'Esterre CD, Aviv RI, Raab P, Murai Y, Zazulia AR, Butcher KS, Seyedsaadat SM, Grotta JC, Martí-Fàbregas J, Montaner J, Broderick J, Yamamoto H, Staykov D, Connolly ES, Selim M, Leira R, Moon BH, Demchuk AM, Di Napoli M, Fujii Y, Anderson CS, Rosand J; VISTA-ICH Collaboration; ICH Growth Individual Patient Data Meta-analysis Collaborators. Absolute risk and predictors of the growth of acute spontaneous Intracerebral hemorrhage: a systematic review and meta-analysis of individual patient data. *Lancet Neurol.* 2018 Oct;17(10):885-894. doi: 10.1016/S1474-4422(18)30253-9. Epub 2018 Aug 14. Erratum in: *Lancet Neurol.* 2018 Sep 19;:. PubMed PMID: 30120039; PubMed Central PMCID: PMC6143589.

18: Roethlisberger M, Achermann R, Bawarjan S, Stienen MN, Fung C, D'Alonzo D, Maldaner N, Ferrari A, Corniola MV, Schöni D, Goldberg J, Valsecchi D, Robert T, Maduri R, Seule MA, Burkhardt JK, Marbacher S, Bijlenga P, Blackham KA, Bucher HC, Mariani L, Guzman R, Zumofen DW; Swiss SOS group. Impact of Aneurysm Multiplicity on Treatment and Outcome After Aneurysmal Subarachnoid Hemorrhage. *Neurosurgery.* 2018 Aug 3. doi: 10.1093/neuros/nyy331. [Epub ahead of print] PubMed PMID: 30113674.

19: Fichtner J, Ulrich CT, Fung C, Cipriani D, Gralla J, Piechowiak EI, Schlachetzki F, Z'Graggen WJ, Raabe A, Beck J. Sonography of the optic nerve sheath diameter before and after microsurgical closure of a dural CSF fistula in patients with spontaneous intracranial hypotension - a consecutive cohort study. *Cephalalgia.* 2018 Aug 12;33(10):18793640. doi: 10.1177/0333102418793640. [Epub ahead of print] PubMed PMID: 30099952.

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

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

22: Beck J, Raabe A, Schievink WI, Fung C, Gralla J, Piechowiak E, Seidel K, Ulrich CT. Posterior Approach and Spinal Cord Release for 360° Repair of Dural Defects in Spontaneous Intracranial Hypotension. *Neurosurgery.* 2018 Jul 25. doi: 10.1093/neuros/nyy312. [Epub ahead of print] PubMed

PMID: 30053151.

23: Schär RT, Kiebach S, Raabe A, Ulrich CT. Reoperation Rate After Microsurgical Uni- or Bilateral Laminotomy for Lumbar Spinal Stenosis with and Without Low-Grade Spondylolisthesis: What do Preoperative Radiographic Parameters Tell Us? *Spine (Phila Pa 1976)*. 2018 Jul 13. doi: 10.1097/BRS.0000000000002798. [Epub ahead of print] PubMed PMID: 30015718.

24: Schubert M, Schürch R, Boettger S, Garcia Nuñez D, Schwarz U, Bettex D, Jenewein J, Bogdanovic J, Staehli ML, Spirig R, Rudiger A. A hospital-wide evaluation of delirium prevalence and outcomes in acute care patients - a cohort study. *BMC Health Serv Res*. 2018 Jul 13;18(1):550. doi: 10.1186/s12913-018-3345-x. PubMed PMID: 30005646; PubMed Central PMCID: PMC6045819.

25: Anschuetz L, Alicandri-Ciufelli M, Bonali M, Fermi M, Caversaccio M, Presutti L, Marchioni D. Novel Surgical and Radiologic Classification of the Subtympanic Sinus: Implications for Endoscopic Ear Surgery. *Otolaryngol Head Neck Surg*. 2018 Jul 1:194599818787180. doi: 10.1177/0194599818787180. [Epub ahead of print] PubMed PMID: 29989841.

26: Weber DC, Ares C, Villa S, Peerdeman SM, Renard L, Baumert BG, Lucas A, Veninga T, Pica A, Jefferies S, Ricardi U, Miralbell R, Stelmes JJ, Liu Y, Collette L, Collette S. Adjuvant postoperative high-dose radiotherapy for atypical and malignant meningioma: A phase-II parallel non-randomized and observation study (EORTC 22042-26042). *Radiother Oncol*. 2018 Aug;128(2):260-265. doi: 10.1016/j.radonc.2018.06.018. Epub 2018 Jun 28. PubMed PMID: 29960684.

27: Fung C, Mavrakis E, Filis A, Fischer I, Suresh M, Tortora A, Cornelius JF, Bostelmann R, Gralla J, Beck J, Raabe A, Khan MO, Steiger HJ, Petridis AK. Anatomical evaluation of intracranial aneurysm rupture risk in patients with multiple aneurysms. *Neurosurg Rev*. 2018 Jun 30. doi: 10.1007/s10143-018-0998-1. [Epub ahead of print] PubMed PMID: 29959638.

28: Brainstorm Consortium, Anttila V, Bulik-Sullivan B, Finucane HK, Walters RK, Bras J, Duncan L, Escott-Price V, Falcone GJ, Gormley P, Malik R, Patsopoulos NA, Ripke S, Wei Z, Yu D, Lee PH, Turley P, Grenier-Boley B, Chouraki V, Kamatani Y, Berr C, Letenneur L, Hannequin D, Amouyel P, Boland A, Deleuze JF, Duron E, Vardarajan BN, Reitz C, Goate AM, Huentelman MJ, Kamboh MI, Larson EB, Rogaeva E, St George-Hyslop P, Hakonarson H, Kukull WA, Farrer LA, Barnes LL, Beach TG, Demirci FY, Head E, Hulette CM, Jicha GA, Kauwe JSK, Kaye JA, Leverenz JB, Levey AI, Lieberman AP, Pankratz VS, Poon WW, Quinn JF, Saykin AJ, Schneider LS, Smith AG, Sonnen JA, Stern RA, Van Deerlin VM, Van Eldik LJ, Harold D, Russo G, Rubinsztein DC, Bayer A, Tsolaki M, Proitsi P, Fox NC, Hampel H, Owen MJ, Mead S, Passmore P, Morgan K, Nöthen MM, Rossor M, Lupton MK, Hoffmann P, Kornhuber J, Lawlor B, McQuillin A, Al-Chalabi A, Bis JC, Ruiz A, Boada M, Seshadri S, Beiser A, Rice K, van der Lee SJ, De Jager PL, Geschwind DH, Riemenschneider M, Riedel-Heller S, Rotter JI, Ransmayr G, Hyman BT, Cruchaga C, Alegret M, Winsvold B, Palta P, Farh KH, Cuenca-Leon E, Furlotte N, Kurth T, Ligthart L, Terwindt GM, Freilinger T, Ran C, Gordon SD, Borck G, Adams HHH, Lehtimäki T, Wedenoja J, Buring JE, Schürks M, Hrafnsdottir M, Hottenga JJ, Penninx B, Artto V, Kaunisto M, Vepsäläinen S, Martin NG, Montgomery GW, Kurki MI, Hämäläinen E, Huang H, Huang J, Sandor C, Webber C, Muller-Myhsok B, Schreiber S, Salomaa V, Loehrer E, Göbel H, Macaya A, Pozo-Rosich P, Hansen T, Werge T, Kaprio J, Metspalu A, Kubisch C, Ferrari MD, Belin AC, van den Maagdenberg AMJM, Zwart JA, Boomsma D, Eriksson N, Olesen J, Chasman DI, Nyholt DR, Avbersek A, Baum L, Berkovic S, Bradfield J, Buono R, Catarino CB, Cossette P, De Jonghe P, Depondt C, Dlugos D, Ferraro TN, French J, Hjalgrim H, Jamnadas-Khoda J, Kälviäinen R, Kunz WS, Lerche H, Leu C, Lindhout D, Lo W, Lowenstein D, McCormack M, Møller RS, Molloy A, Ng PW, Oliver K, Privitera M, Radtke R, Ruppert AK, Sander T, Schachter S, Schankin C, Scheffer I, Schoch S, Sisodiya SM, Smith P, Sperling M, Striano P, Surges R, Thomas GN, Visscher F, Whelan CD, Zara F, Heinzen EL, Marson A, Becker F, Stroink H, Zimprich F, Gasser T, Gibbs R, Heutink P, Martinez M, Morris HR, Sharma M, Ryten M, Mok KY, Pulit S, Bevan S,

Holliday E, Attia J, Battey T, Boncoraglio G, Thijs V, Chen WM, Mitchell B, Rothwell P, Sharma P, Sudlow C, Vicente A, Markus H, Kourkoulis C, Pera J, Raffeld M, Silliman S, Boraska Perica V, Thornton LM, Huckins LM, William Rayner N, Lewis CM, Gratacos M, Rybakowski F, Keski-Rahkonen A, Raevuori A, Hudson JI, Reichborn-Kjennerud T, Monteleone P, Karwautz A, Mannik K, Baker JH, O'Toole JK, Trace SE, Davis OSP, Helder SG, Ehrlich S, Herpertz-Dahlmann B, Danner UN, van Elburg AA, Clementi M, Forzan M, Docampo E, Lissowska J, Hauser J, Tortorella A, Maj M, Gonidakis F, Tziouvas K, Papezova H, Yilmaz Z, Wagner G, Cohen-Woods S, Herms S, Julià A, Rabionet R, Dick DM, Ripatti S, Andreassen OA, Espeseth T, Lundervold AJ, Steen VM, Pinto D, Scherer SW, Aschauer H, Schosser A, Alfredsson L, Padyukov L, Halmi KA, Mitchell J, Strober M, Bergen AW, Kaye W, Szatkiewicz JP, Cormand B, Ramos-Quiroga JA, Sánchez-Mora C, Ribasés M, Casas M, Hervás A, Arranz MJ, Haavik J, Zayats T, Johansson S, Williams N, Dempfle A, Rothenberger A, Kuntsi J, Oades RD, Banaschewski T, Franke B, Buitelaar JK, Arias Vasquez A, Doyle AE, Reif A, Lesch KP, Freitag C, Rivero O, Palmason H, Romanos M, Langley K, Rietschel M, Witt SH, Dalsgaard S, Børglum AD, Waldman I, Wilmot B, Molly N, Bau CHD, Crosbie J, Schachar R, Loo SK, McGough JJ, Grevet EH, Medland SE, Robinson E, Weiss LA, Bacchelli E, Bailey A, Bal V, Battaglia A, Betancur C, Bolton P, Cantor R, Celestino-Soper P, Dawson G, De Rubeis S, Duque F, Green A, Klauck SM, Leboyer M, Levitt P, Maestrini E, Mane S, De-Luca DM, Parr J, Regan R, Reichenberg A, Sandin S, Vorstman J, Wassink T, Wijsman E, Cook E, Santangelo S, Delorme R, Rogé B, Magalhaes T, Arking D, Schulze TG, Thompson RC, Strohmaier J, Matthews K, Melle I, Morris D, Blackwood D, McIntosh A, Bergen SE, Schalling M, Jamain S, Maaser A, Fischer SB, Reinbold CS, Fullerton JM, Guzman-Parra J, Mayoral F, Schofield PR, Cichon S, Mühleisen TW, Degenhardt F, Schumacher J, Bauer M, Mitchell PB, Gershon ES, Rice J, Potash JB, Zandi PP, Craddock N, Ferrier IN, Alda M, Rouleau GA, Turecki G, Ophoff R, Pato C, Anjorin A, Stahl E, Leber M, Czerski PM, Cruceanu C, Jones IR, Posthuma D, Andlauer TFM, Forstner AJ, Streit F, Baune BT, Air T, Sinnamoni G, Wray NR, MacIntyre DJ, Porteous D, Homuth G, Rivera M, Grove J, Middeldorp CM, Hickie I, Pergadia M, Mehta D, Smit JH, Jansen R, de Geus E, Dunn E, Li QS, Nauck M, Schoevers RA, Beekman AT, Knowles JA, Viktorin A, Arnold P, Barr CL, Bedoya-Berrio G, Bienvenu OJ, Brentani H, Burton C, Camarena B, Cappi C, Cath D, Cavallini M, Cusi D, Darrow S, Denys D, Derks EM, Dietrich A, Fernandez T, Figee M, Freimer N, Gerber G, Grados M, Greenberg E, Hanna GL, Hartmann A, Hirschtritt ME, Hoekstra PJ, Huang A, Huyser C, Illmann C, Jenike M, Kuperman S, Leventhal B, Lochner C, Lyon GJ, Macciardi F, Madruga-Garrido M, Malaty IA, Maras A, McGrath L, Miguel EC, Mir P, Nestadt G, Nicolini H, Okun MS, Pakstis A, Paschou P, Piacentini J, Pittenger C, Plessen K, Ramensky V, Ramos EM, Reus V, Richter MA, Riddle MA, Robertson MM, Roessner V, Rosário M, Samuels JF, Sandor P, Stein DJ, Tsetsos F, Van Nieuwerburgh F, Weatherall S, Wendland JR, Wolanczyk T, Worbe Y, Zai G, Goes FS, McLaughlin N, Nestadt PS, Grabe HJ, Depienne C, Konkashbaev A, Lanzagorta N, Valencia-Duarte A, Bramon E, Buccola N, Cahn W, Cairns M, Chong SA, Cohen D, Crespo-Facorro B, Crowley J, Davidson M, DeLisi L, Dinan T, Donohoe G, Drapeau E, Duan J, Haan L, Hougaard D, Karachanak-Yankova S, Khrunin A, Klovins J, Kučinskas V, Lee Chee Keong J, Limborska S, Loughland C, Lönngqvist J, Maher B, Mattheisen M, McDonald C, Murphy KC, Nenadic I, van Os J, Pantelis C, Pato M, Petryshen T, Quedstedt D, Roussos P, Sanders AR, Schall U, Schwab SG, Sim K, So HC, Stögmayer E, Subramaniam M, Toncheva D, Waddington J, Walters J, Weiser M, Cheng W, Cloninger R, Curtis D, Gejman PV, Henskens F, Mattingdal M, Oh SY, Scott R, Webb B, Breen G, Churchhouse C, Bulik CM, Daly M, Dichgans M, Faraone SV, Guerreiro R, Holmans P, Kendler KS, Koeleman B, Mathews CA, Price A, Scharf J, Sklar P, Williams J, Wood NW, Cotsapas C, Palotie A, Smoller JW, Sullivan P, Rosand J, Corvin A, Neale BM, Schott JM, Anney R, Elia J, Grigoriu-Serbanescu M, Edenberg HJ, Murray R. Analysis of shared heritability in common disorders of the brain. *Science*. 2018 Jun 22;360(6395). pii: eaap8757. doi: 10.1126/science.aap8757. PubMed PMID: 29930110; PubMed Central PMCID: PMC6097237.

29: Tinkhauser G, Torrecillos F, Duclos Y, Tan H, Poghosyan A, Fischer P, Carron R, Welter ML, Karachi C, Vandenbergh W, Nuttin B, Witjas T, Régis J, Azulay JP, Eusebio A, Brown P. Beta burst coupling across the motor circuit in Parkinson's disease. *Neurobiol Dis*. 2018 Sep;117:217-225. doi: 10.1016/j.nbd.2018.06.007. Epub 2018 Jun 20. PubMed PMID: 29909050; PubMed Central PMCID:

PMC6054304.

30: Goldberg J, Jaeggi C, Schoeni D, Mordasini P, Raabe A, Bervini D. Bleeding risk of cerebral cavernous malformations in patients on β -blocker medication: a cohort study. *J Neurosurg*. 2018 Jun 15;1-6. doi: 10.3171/2017.12.JNS172404. [Epub ahead of print] PubMed PMID: 29905510.

31: Baud MO, Perneger T, Rácz A, Pensel MC, Elger C, Rydenhag B, Malmgren K, Cross JH, McKenna G, Tisdall M, Lamberink HJ, Rheims S, Ryvlin P, Isnard J, Mauguière F, Arzimanoglou A, Akkol S, Deniz K, Ozkara C, Lossius M, Rektor I, Kälviäinen R, Vanhatalo LM, Dimova P, Minkin K, Staack AM, Steinhoff BJ, Kalina A, Krsek P, Marusic P, Jordan Z, Fabo D, Carrette E, Boon P, Rocka S, Mameniškienė R, Vulliemoz S, Pittau F, Braun KPJ, Seeck M. European trends in epilepsy surgery. *Neurology*. 2018 Jul 10;91(2):e96-e106. doi: 10.1212/WNL.0000000000005776. Epub 2018 Jun 13. PubMed PMID: 29898967.

32: Pedrosa de Barros N, Meier R, Pletscher M, Stettler S, Knecht U, Herrmann E, Schucht P, Reyes M, Gralla J, Wiest R, Slotboom J. On the relation between MR spectroscopy features and the distance to MRI-visible solid tumor in Glioblastoma patients. *Magn Reson Med*. 2018 Jun 12. doi: 10.1002/mrm.27359. [Epub ahead of print] PubMed PMID: 29893995.

33: Schär RT, Hewer E, Ulrich CT. Langerhans Cell Histiocytosis of the Adult Cervical Spine: A Case Report and Literature Review. *J Neurol Surg A Cent Eur Neurosurg*. 2018 Jun 11. doi: 10.1055/s-0038-1655769. [Epub ahead of print] PubMed PMID: 29890538.

34: Bervini D, Jaeggi C, Mordasini P, Schucht P, Raabe A. Antithrombotic medication and bleeding risk in patients with cerebral cavernous malformations: a cohort study. *J Neurosurg*. 2018 Jun 8;1-9. doi: 10.3171/2018.1.JNS172547. [Epub ahead of print] PubMed PMID: 29882707.

35: Anschuetz L, Presutti L, Schneider D, Yacoub A, Wimmer W, Beck J, Weber S, Caversaccio M. Quantitative Analysis of Surgical Freedom and Area of Exposure in Minimal-Invasive Transcranial Approaches to the Lateral Skull Base. *Otol Neurotol*. 2018 Jul;39(6):785-790. doi: 10.1097/MAO.0000000000001827. PubMed PMID: 29879089.

36: Hakim A, Vulcu S, Dobrocky T, Z'Graggen WJ, Wagner F. Using an orbit shield during volume perfusion CT: is it useful protection or an obstacle? *Clin Radiol*. 2018 Sep;73(9):834.e1-834.e8. doi: 10.1016/j.crad.2018.05.003. Epub 2018 May 30. PubMed PMID: 29859633.

37: Orlik A, Lippuner C, Stueber F, Luedi MM. Letter: The In Vivo Antitumoral Effects of Lipopolysaccharide Against Glioblastoma Multiforme are Mediated in Part by Toll-Like Receptor 4. *Neurosurgery*. 2018 Sep 1;83(3):E128-E129. doi: 10.1093/neuros/nyy200. PubMed PMID: 29796662.

38: From the American Association of Neurological Surgeons (AANS), American Society of Neuroradiology (ASNR), Cardiovascular and Interventional Radiology Society of Europe (CIRSE), Canadian Interventional Radiology Association (CIRA), Congress of Neurological Surgeons (CNS), European Society of Minimally Invasive Neurological Therapy (ESMINT), European Society of Neuroradiology (ESNR), European Stroke Organization (ESO), Society for Cardiovascular Angiography and Interventions (SCAI), Society of Interventional Radiology (SIR), Society of NeuroInterventional Surgery (SNIS), and World Stroke Organization (WSO), Sacks D, Baxter B, Campbell BCV, Carpenter JS, Cognard C, Dippel D, Eesa M, Fischer U, Hausegger K, Hirsch JA, Shazam Hussain M, Jansen O, Jayaraman MV, Khalessi AA, Kluck BW, Lavine S, Meyers PM, Ramee S, Rüfenacht DA, Schirmer CM, Vorwerk D. Multisociety Consensus Quality Improvement Revised Consensus Statement for Endovascular Therapy of Acute Ischemic Stroke. *Int J Stroke*. 2018 Aug;13(6):612-632. doi: 10.1177/1747493018778713. Epub 2018 May 22. PubMed PMID: 29786478.

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

40: Waszak SM, Northcott PA, Buchhalter I, Robinson GW, Sutter C, Groebner S, Grund KB, Brugières L, Jones DTW, Pajtler KW, Morrissy AS, Kool M, Sturm D, Chavez L, Ernst A, Brabetz S, Hain M, Zichner T, Segura-Wang M, Weischenfeldt J, Rausch T, Mardin BR, Zhou X, Baciuc C, Lawerenz C, Chan JA, Varlet P, Guerrini-Rousseau L, Fuhs DW, Grajkowska W, Hauser P, Jabado N, Ra YS, Zitterbart K, Shringarpure SS, De La Vega FM, Bustamante CD, Ng HK, Perry A, MacDonald TJ, Hernáiz Driever P, Bendel AE, Bowers DC, McCowage G, Chintagumpala MM, Cohn R, Hassall T, Fleischhack G, Eggen T, Wesenberg F, Feychting M, Lannering B, Schütz J, Johansen C, Andersen TV, Rööslä M, Kuehni CE, Grotzer M, Kjaerheim K, Monoranu CM, Archer TC, Duke E, Pomeroy SL, Shelagh R, Frank S, Sumerauer D, Scheurlen W, Ryzhova MV, Milde T, Kratz CP, Samuel D, Zhang J, Solomon DA, Marra M, Eils R, Bartram CR, von Hoff K, Rutkowski S, Ramaswamy V, Gilbertson RJ, Korshunov A, Taylor MD, Lichter P, Malkin D, Gajjar A, Korbelt JO, Pfister SM. Spectrum and prevalence of genetic predisposition in medulloblastoma: a retrospective genetic study and prospective validation in a clinical trial cohort. *Lancet Oncol*. 2018 Jun;19(6):785-798. doi: 10.1016/S1470-2045(18)30242-0. Epub 2018 May 9. PubMed PMID: 29753700; PubMed Central PMCID: PMC5984248.

41: Müller M, Schindler K, Goodfellow M, Pollo C, Rummel C, Steimer A. Evaluating resective surgery targets in epilepsy patients: A comparison of quantitative EEG methods. *J Neurosci Methods*. 2018 Jul 15;305:54-66. doi: 10.1016/j.jneumeth.2018.04.021. Epub 2018 May 18. PubMed PMID: 29753683.

42: Krolicki L, Bruchertseifer F, Kunikowska J, Koziara H, Królicki B, Jakuciński M, Pawlak D, Apostolidis C, Mirzadeh S, Rola R, Merlo A, Morgenstern A. Prolonged survival in secondary glioblastoma following local injection of targeted alpha therapy with (213)Bi-substance P analogue. *Eur J Nucl Med Mol Imaging*. 2018 Jul;45(9):1636-1644. doi: 10.1007/s00259-018-4015-2. Epub 2018 Apr 30. PubMed PMID: 29713762; PubMed Central PMCID: PMC6061489.

43: Stieb S, Fischbeck S, Wagner W, Appels J, Wiewrodt D. High psychosocial burden in relatives of malignant brain tumor patients. *Clin Neurol Neurosurg*. 2018 Jul;170:1-6. doi: 10.1016/j.clineuro.2018.04.023. Epub 2018 Apr 24. PubMed PMID: 29709767.

44: Kaesmacher J, Mordasini P, Arnold M, López-Cancio E, Cerdá N, Boeckh-Behrens T, Kleine JF, Goyal M, Hill MD, Pereira VM, Saver JL, Gralla J, Fischer U. Direct mechanical thrombectomy in tPA-ineligible and -eligible patients versus the bridging approach: a meta-analysis. *J Neurointerv Surg*. 2018 Apr 28. pii: neurintsurg-2018-013834. doi: 10.1136/neurintsurg-2018-013834. [Epub ahead of print] PubMed PMID: 29705773.

45: Di Santo S, Meyer M, Ducray AD, Anderegg L, Widmer HR. A Combination of NT-4/5 and GDNF Is Favorable for Cultured Human Nigral Neural Progenitor Cells. *Cell Transplant*. 2018 Apr;27(4):648-653. doi: 10.1177/0963689717753188. Epub 2018 Apr 27. PubMed PMID: 29701077; PubMed Central PMCID: PMC6041882.

46: Zaidat OO, Bozorgchami H, Ribó M, Saver JL, Mattle HP, Chapot R, Narata AP, Francois O, Jadhav AP, Grossberg JA, Riedel CH, Tomasello A, Clark WM, Nordmeyer H, Lin E, Nogueira RG, Yoo AJ, Jovin TG, Siddiqui AH, Bernard T, Claffey M, Andersson T. Primary Results of the Multicenter ARISE II Study (Analysis of Revascularization in Ischemic Stroke With EmboTrap). *Stroke*. 2018 May;49(5):1107-1115. doi: 10.1161/STROKEAHA.117.020125. Epub 2018 Apr 11. PubMed PMID: 29643261.

47: Ulrich NH, Gravestock I, Held U, Schawkat K, Pichierri G, Wertli MM, Winklhofer S, Farshad M, Porchet F, Steurer J, Burgstaller JM. Does Preoperative Degenerative Spondylolisthesis Influence Outcome in Degenerative Lumbar Spinal Stenosis? Three-Year Results of a Swiss Prospective Multicenter Cohort Study. *World Neurosurg*. 2018 Jun;114:e1275-e1283. doi: 10.1016/j.wneu.2018.03.196. Epub 2018 Apr 5. PubMed PMID: 29626686.

48: Nowacki A, Wagner F, Söll N, Hakim A, Beck J, Raabe A, Z'Graggen WJ. Preliminary Results of Emergency Computed Tomography-Guided Ventricular Drain Placement-Precision for the Most Difficult Cases. *World Neurosurg*. 2018 Jun;114:e1290-e1296. doi: 10.1016/j.wneu.2018.03.199. Epub 2018 Apr 5. PubMed PMID: 29626681.

49: Mirra A, von Rotz A, Schmidhalter M, Moser L, Casoni D, Spadavecchia C. Ultrasound-guided lateral and subcostal transversus abdominis plane block in calves: a cadaveric study. *Vet Anaesth Analg*. 2018 May;45(3):384-391. doi: 10.1016/j.vaa.2018.02.001. Epub 2018 Mar 15. PubMed PMID: 29625919.

50: Kotrotsou A, Elakkad A, Sun J, Thomas GA, Yang D, Abrol S, Wei W, Weinberg JS, Bakhtiari AS, Kircher MF, Luedi MM, de Groot JF, Sawaya R, Kumar AJ, Zinn PO, Colen RR. Multi-center study finds postoperative residual non-enhancing component of glioblastoma as a new determinant of patient outcome. *J Neurooncol*. 2018 Aug;139(1):125-133. doi: 10.1007/s11060-018-2850-4. Epub 2018 Apr 4. PubMed PMID: 29619649.

51: Patel NJ, Bervini D, Eftekhari B, Davidson AS, Walsh DC, Assaad NN, Morgan MK. Results of Surgery for Low-Grade Brain Arteriovenous Malformation Resection by Early Career Neurosurgeons: An Observational Study. *Neurosurgery*. 2018 Mar 28. doi: 10.1093/neuros/nyy088. [Epub ahead of print] PubMed PMID: 29608734.

52: Goldberg J, Raabe A, Bervini D. Natural history of brain arteriovenous malformations: systematic review. *J Neurosurg Sci*. 2018 Aug;62(4):437-443. doi: 10.23736/S0390-5616.18.04452-1. Epub 2018 Mar 28. PubMed PMID: 29595047.

53: Bervini D. Brain arteriovenous malformations: an ongoing challenge. *J Neurosurg Sci*. 2018 Aug;62(4):428. doi: 10.23736/S0390-5616.18.04451-X. Epub 2018 Mar 28. PubMed PMID: 29595046.

54: Nowacki A, Schlaier J, Debove I, Pollo C. Validation of diffusion tensor imaging tractography to visualize the dentatorubrothalamic tract for surgical planning. *J Neurosurg*. 2018 Mar 23:1-10. doi: 10.3171/2017.9.JNS171321. [Epub ahead of print] PubMed PMID: 29570012.

55: Reinhardt A, Stichel D, Schrimpf D, Sahm F, Korshunov A, Reuss DE, Koelsche C, Huang K, Wefers AK, Hovestadt V, Sill M, Gramatzki D, Felsberg J, Reifenberger G, Koch A, Thomale UW, Becker A, Hans VH, Prinz M, Staszewski O, Acker T, Dohmen H, Hartmann C, Mueller W, Tuffaha MSA, Paulus W, Heß K, Brokinkel B, Schittenhelm J, Monoranu CM, Kessler AF, Loehr M, Buslei R, Deckert M, Mawrin C, Kohlhof P, Hewer E, Olar A, Rodriguez FJ, Giannini C, NageswaraRao AA, Tabori U, Nunes NM, Weller M, Pohl U, Jaunmuktane Z, Brandner S, Unterberg A, Hänggi D, Platten M, Pfister SM, Wick W, Herold-Mende C, Jones DTW, von Deimling A, Capper D. Anaplastic astrocytoma with piloid features, a novel molecular class of IDH wildtype glioma with recurrent MAPK pathway, CDKN2A/B and ATRX

alterations. *Acta Neuropathol.* 2018 Aug;136(2):273-291. doi: 10.1007/s00401-018-1837-8. Epub 2018 Mar 21. PubMed PMID: 29564591.

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

57: Verhoeven T, Coito A, Plomp G, Thomschewski A, Pittau F, Trinka E, Wiest R, Schaller K, Michel C, Seeck M, Dambre J, Vulliemoz S, van Mierlo P. Automated diagnosis of temporal lobe epilepsy in the absence of interictal spikes. *Neuroimage Clin.* 2017 Sep 28;17:10-15. doi: 10.1016/j.nicl.2017.09.021. eCollection 2018. PubMed PMID: 29527470; PubMed Central PMCID: PMC5842753.

58: Schär RT, Schwarz C, Söll N, Raabe A, Z'Graggen WJ, Beck J. Early Postoperative Perils of Intraventricular Tumors: An Observational Comparative Study. *World Neurosurg.* 2018 May;113:e769-e776. doi: 10.1016/j.wneu.2018.02.177. Epub 2018 Mar 7. PubMed PMID: 29524718.

59: Rossini R, Tarantini G, Musumeci G, Masiero G, Barbato E, Calabrò P, Capodanno D, Leonardi S, Lettino M, Limbruno U, Menozzi A, Marchese UOA, Saia F, Valgimigli M, Agno W, Falanga A, Corcione A, Locatelli A, Montorsi M, Piazza D, Stella A, Bozzani A, Parolari A, Carone R, Angiolillo DJ; Italian Society of Interventional Cardiology (SICI-GISE); Italian Society for the Study of Haemostasis and Thrombosis (SISST); Italian Society of Anesthesia and Intensive Care Medicine (SIAARTI); Italian Society of Surgery (SIC); Italian Society for Cardiac Surgery (SICCH); Italian Society of Vascular and Endovascular Surgery (SICVE); Italian Society of Urology (SIU); Italian Orthopaedic Society (SIOT); Italian Society of Thoracic Surgeons (SICT); Italian Federation of Scientific Societies of Digestive System Diseases (FISMAD); Italian Society of Digestive Endoscopy (SIED); Italian Association of Hospital Gastroenterology and Digestive Endoscopy (AIGO); Italian Association of Gastroenterology and Digestive Endoscopy (SIGE); Italian Society of Maxillofacial Surgery (SICMF); Italian Society of Reconstructive Plastic Surgery and Aesthetics (SICPRE); Italian Society of Gynecology and Obstetrics (SIGO); Italian Society of Neurosurgery (SINch); Italian Association of Hospital Pulmonologist (AIPO); Italian Society of Periodontology (SIdP); Italian Society of Ophthalmology (SOI); Italian Association of Hospital Otorhinolaryngologist (AOOI); Italian Association of Hospital Surgeons (ACOI); Association of Obstetricians Gynecologists Italian Hospital (AOGOI). A Multidisciplinary Approach on the Perioperative Antithrombotic Management of Patients With Coronary Stents Undergoing Surgery: Surgery After Stenting 2. *JACC Cardiovasc Interv.* 2018 Mar 12;11(5):417-434. doi: 10.1016/j.jcin.2017.10.051. Review. PubMed PMID: 29519377.

- 60: Alicandri-Ciufelli M, Fermi M, Bonali M, Presutti L, Marchioni D, Todeschini A, Anschuetz L. Facial sinus endoscopic evaluation, radiologic assessment, and classification. *Laryngoscope*. 2018 Mar 7. doi: 10.1002/lary.27135. [Epub ahead of print] PubMed PMID: 29513386.
- 61: Sacks D, Baxter B, Campbell BCV, Carpenter JS, Cognard C, Dippel D, Eesa M, Fischer U, Hausegger K, Hirsch JA, Hussain MS, Jansen O, Jayaraman MV, Khalessi AA, Kluck BW, Lavine S, Meyers PM, Ramee S, Rüfenacht DA, Schirmer CM, Vorwerk D. Multisociety Consensus Quality Improvement Revised Consensus Statement for Endovascular Therapy of Acute Ischemic Stroke: From the American Association of Neurological Surgeons (AANS), American Society of Neuroradiology (ASNR), Cardiovascular and Interventional Radiology Society of Europe (CIRSE), Canadian Interventional Radiology Association (CIRA), Congress of Neurological Surgeons (CNS), European Society of Minimally Invasive Neurological Therapy (ESMINT), European Society of Neuroradiology (ESNR), European Stroke Organization (ESO), Society for Cardiovascular Angiography and Interventions (SCAI), Society of Interventional Radiology (SIR), Society of NeuroInterventional Surgery (SNIS), and World Stroke Organization (WSO). *J Vasc Interv Radiol*. 2018 Apr;29(4):441-453. doi: 10.1016/j.jvir.2017.11.026. Epub 2018 Mar 1. PubMed PMID: 29478797.
- 62: Lång M, Skrifvars MB, Siironen J, Tanskanen P, Ala-Peijari M, Koivisto T, Djafarzadeh S, Bendel S. A pilot study of hyperoxemia on neurological injury, inflammation and oxidative stress. *Acta Anaesthesiol Scand*. 2018 Jul;62(6):801-810. doi: 10.1111/aas.13093. Epub 2018 Feb 20. PubMed PMID: 29464691.
- 63: Lhommée E, Wojtecki L, Czernecki V, Witt K, Maier F, Tonder L, Timmermann L, Hälbig TD, Pineau F, Durif F, Witjas T, Pinsker M, Mehdorn M, Sixel-Döring F, Kupsch A, Krüger R, Elben S, Chabardès S, Thobois S, Brefel-Courbon C, Ory-Magne F, Regis JM, Maltête D, Sauvaget A, Rau J, Schnitzler A, Schüpbach M, Schade-Brittinger C, Deuschl G, Houeto JL, Krack P; EARLYSTIM study group. Behavioural outcomes of subthalamic stimulation and medical therapy versus medical therapy alone for Parkinson's disease with early motor complications (EARLYSTIM trial): secondary analysis of an open-label randomised trial. *Lancet Neurol*. 2018 Mar;17(3):223-231. doi: 10.1016/S1474-4422(18)30035-8. PubMed PMID: 29452685.
- 64: Anderegg L, Verma RK. Hypoplastic Straight Sinus with Persistent Falcine Sinus in Adult with Sinus Pericranii. *World Neurosurg*. 2018 May;113:108-109. doi: 10.1016/j.wneu.2018.02.028. Epub 2018 Feb 13. PubMed PMID: 29452321.
- 65: Anderegg L, Hess B, Andres R, El-Koussy M, Mariani L, Raabe A, Seiler RW, Christ E. A ten-year follow-up study of treatment outcome of craniopharyngiomas. *Swiss Med Wkly*. 2018 Feb 7;148:w14521. doi: 10.4414/sm.w.2018.14521. eCollection 2018. PubMed PMID: 29442342.
- 66: Rathgeb C, Anschuetz L, Schneider D, Dür C, Caversaccio M, Weber S, Williamson T. Accuracy and feasibility of a dedicated image guidance solution for endoscopic lateral skull base surgery. *Eur Arch Otorhinolaryngol*. 2018 Apr;275(4):905-911. doi: 10.1007/s00405-018-4906-7. Epub 2018 Feb 13. PubMed PMID: 29442163.
- 67: Deletis V, Seidel K, Sala F, Raabe A, Chudy D, Beck J, Kothbauer KF. Intraoperative identification of the corticospinal tract and dorsal column of the spinal cord by Electrostimulation. *J Neurol Neurosurg Psychiatry*. 2018 Jul;89(7):754-761. doi: 10.1136/jnnp-2017-317172. Epub 2018 Feb 7. PubMed PMID: 29436487.
- 68: Alicandri-Ciufelli M, Guarino P, Fabbri F, Cunsolo EM, Presutti L, Anschuetz L. Middle ear microvascularization: an "in vivo" endoscopic anatomical study. *Eur Arch Otorhinolaryngol*. 2018 Apr;275(4):889-894. doi: 10.1007/s00405-018-4905-8. Epub 2018 Feb 10. PubMed PMID: 29429024.

- 69: Zumofen DW, Roethlisberger M, Achermann R, Bawarjan S, Stienen MN, Fung C, D'Alonzo D, Maldaner N, Ferrari A, Corniola MV, Schoeni D, Goldberg J, Valsecchi D, Robert T, Maduri R, Seule M, Burkhardt JK, Marbacher S, Bijlenga P, Blackham KA, Bucher HC, Mariani L, Guzman R; Swiss SOS Study Group. Factors associated with clinical and radiological status on admission in patients with aneurysmal subarachnoid hemorrhage. *Neurosurg Rev.* 2018 Oct;41(4):1059-1069. doi: 10.1007/s10143-018-0952-2. Epub 2018 Feb 10. PubMed PMID: 29428981.
- 70: Schöni D, Lauber L, Fung C, Goldberg J, Müri R, Raabe A, Nyffeler T, Beck J. Marriage and Partnership Integrity After Aneurysmal Subarachnoid Hemorrhage: Small Alterations in Neurologic Status Matter Most. *World Neurosurg.* 2018 May;113:e161-e165. doi: 10.1016/j.wneu.2018.01.205. Epub 2018 Feb 6. PubMed PMID: 29421452.
- 71: Wolf D, Anto-Michel N, Blankenbach H, Wiedemann A, Buscher K, Hohmann JD, Lim B, Bäuml M, Marki A, Mauler M, Duerschmied D, Fan Z, Winkels H, Sidler D, Diehl P, Zajonc DM, Hilgendorf I, Stachon P, Marchini T, Willecke F, Schell M, Sommer B, von Zur Muhlen C, Reinöhl J, Gerhard T, Plow EF, Yakubenko V, Libby P, Bode C, Ley K, Peter K, Zirlik A. A ligand-specific blockade of the integrin Mac-1 selectively targets pathologic inflammation while maintaining protective host-defense. *Nat Commun.* 2018 Feb 6;9(1):525. doi: 10.1038/s41467-018-02896-8. PubMed PMID: 29410422; PubMed Central PMCID: PMC5802769.
- 72: Nitzsche B, Boltze J, Ludewig E, Flegel T, Schmidt MJ, Seeger J, Barthel H, Brooks OW, Gounis MJ, Stoffel MH, Schulze S. A stereotaxic breed-averaged, symmetric T2w canine brain atlas including detailed morphological and volumetrical data sets. *Neuroimage.* 2018 Jan 31. pii: S1053-8119(18)30066-1. doi: 10.1016/j.neuroimage.2018.01.066. [Epub ahead of print] PubMed PMID: 29407456.
- 73: Moncayo G, Grzmil M, Smirnova T, Zmarz P, Huber RM, Hynx D, Kohler H, Wang Y, Hotz HR, Hynes NE, Keller G, Frank S, Merlo A, Hemmings BA. SYK inhibition blocks proliferation and migration of glioma cells and modifies the tumor microenvironment. *Neuro Oncol.* 2018 Apr 9;20(5):621-631. doi: 10.1093/neuonc/noy008. PubMed PMID: 29401256; PubMed Central PMCID: PMC5892144.
- 74: Seiffge DJ, Kägi G, Michel P, Fischer U, Béjot Y, Wegener S, Zedde M, Turc G, Cordonnier C, Sandor PS, Rodier G, Zini A, Cappellari M, Schädelin S, Polymeris AA, Werring D, Thilemann S, Maestrini I, Berge E, Traenka C, Vehoff J, De Marchis GM, Kapauer M, Peters N, Sirimarco G, Bonati LH, Arnold M, Lyrer PA, De Maistre E, Luft A, Tsakiris DA, Engelter ST; Novel Oral Anticoagulants in Stroke Patients study group. Rivaroxaban plasma levels in acute ischemic stroke and intracerebral hemorrhage. *Ann Neurol.* 2018 Mar;83(3):451-459. doi: 10.1002/ana.25165. Epub 2018 Mar 3. PubMed PMID: 29394504.
- 75: Yacoub A, Anschuetz L, Schneider D, Wimmer W, Caversaccio M. Minimally Invasive Lateral Endoscopic Multiport Approach to the Infratemporal Fossa: A Cadaveric Study. *World Neurosurg.* 2018 Apr;112:e489-e496. doi: 10.1016/j.wneu.2018.01.065. Epub 2018 Jan 31. PubMed PMID: 29391297.
- 76: Smith R, Wang J, Seymour C, Fernandez-Palomo C, Fazzari J, Schültke E, Bräuer-Krisch E, Laissue J, Schroll C, Mothersill C. Homogenous and Microbeam X-Ray Radiation Induces Proteomic Changes in the Brains of Irradiated Rats and in the Brains of Nonirradiated Cage Mate Rats. Dose Response. 2018 Jan 22;16(1):1559325817750068. doi: 10.1177/1559325817750068. eCollection 2018 Jan-Mar. PubMed PMID: 29383012; PubMed Central PMCID: PMC5784471.
- 77: Whelan CD, Altmann A, Botía JA, Jahanshad N, Hibar DP, Absil J, Alhusaini S, Alvim MKM, Auvinen P, Bartolini E, Berge FPG, Bernardes T, Blackmon K, Braga B, Caligiuri ME, Calvo A, Carr SJ, Chen J, Chen S, Cherubini A, David P, Domin M, Foley S, França W, Haaker G, Isaev D, Keller SS, Kotikalapudi

R, Kowalczyk MA, Kuzniecky R, Langner S, Lenge M, Leyden KM, Liu M, Loi RQ, Martin P, Mascalchi M, Morita ME, Pariente JC, Rodríguez-Cruces R, Rummel C, Saavalainen T, Semmelroch MK, Severino M, Thomas RH, Tondelli M, Tortora D, Vaudano AE, Vivash L, von Podewils F, Wagner J, Weber B, Yao Y, Yasuda CL, Zhang G, Bargalló N, Bender B, Bernasconi N, Bernasconi A, Bernhardt BC, Blümcke I, Carlson C, Cavalleri GL, Cendes F, Concha L, Delanty N, Depondt C, Devinsky O, Doherty CP, Focke NK, Gambardella A, Guerrini R, Hamandi K, Jackson GD, Kälviäinen R, Kochunov P, Kwan P, Labate A, McDonald CR, Meletti S, O'Brien TJ, Ourselin S, Richardson MP, Striano P, Thesen T, Wiest R, Zhang J, Vezzani A, Ryten M, Thompson PM, Sisodiya SM. Structural brain abnormalities in the common epilepsies assessed in a worldwide ENIGMA study. *Brain*. 2018 Feb 1;141(2):391-408. doi: 10.1093/brain/awx341. PubMed PMID: 29365066; PubMed Central PMCID: PMC5837616.

78: Neidert MC, Maldaner N, Stienen MN, Roethlisberger M, Zumofen DW, D'Alonzo D, Marbacher S, Maduri R, Hostettler IC, Schatlo B, Schneider MM, Seule MA, Schöni D, Goldberg J, Fung C, Arrighi M, Valsecchi D, Bijlenga P, Schaller K, Bozinov O, Regli L, Burkhardt JK; Swiss SOS study group . The Barrow Neurological Institute Grading Scale as a Predictor for Delayed Cerebral Ischemia and Outcome After Aneurysmal Subarachnoid Hemorrhage: Data From a Nationwide Patient Registry (Swiss SOS). *Neurosurgery*. 2018 Jan 17. doi: 10.1093/neuros/nyx609. [Epub ahead of print] PubMed PMID: 29351673.

79: Hostettler IC, Muroi C, Richter JK, Schmid J, Neidert MC, Seule M, Boss O, Pangalu A, Germans MR, Keller E. Decision tree analysis in subarachnoid hemorrhage: prediction of outcome parameters during the course of aneurysmal subarachnoid hemorrhage using decision tree analysis. *J Neurosurg*. 2018 Jan 19:1-12. doi: 10.3171/2017.7.JNS17677. [Epub ahead of print] PubMed PMID: 29350603.

80: Ulrich CT, Fung C, Piechowiak E, Gralla J, Raabe A, Beck J. Disc herniation, occult on preoperative imaging but visualized microscopically, as the cause of idiopathic thoracic spinal cord herniation. *Acta Neurochir (Wien)*. 2018 Mar;160(3):467-470. doi: 10.1007/s00701-018-3466-3. Epub 2018 Jan 19. PubMed PMID: 29350292.

81: Bieri KS, Goodwin K, Aghayev E, Riesner HJ, Greiner-Perth R. Dynamic Posterior Stabilization versus Posterior Lumbar Intervertebral Fusion: A Matched Cohort Study Based on the Spine Tango Registry. *J Neurol Surg A Cent Eur Neurosurg*. 2018 May;79(3):224-230. doi: 10.1055/s-0037-1615264. Epub 2018 Jan 18. PubMed PMID: 29346828.

82: Presutti L, Anschuetz L, Rubini A, Ruberto M, Alicandri-Ciufelli M, Dematte M, Caversaccio M, Marchioni D. The Impact of the Transcanal Endoscopic Approach and Mastoid Preservation on Recurrence of Primary Acquired Attic Cholesteatoma. *Otol Neurotol*. 2018 Apr;39(4):445-450. doi: 10.1097/MAO.0000000000001712. PubMed PMID: 29342049.

83: Stienen MN, Germans M, Burkhardt JK, Neidert MC, Fung C, Bervini D, Zumofen D, Röthlisberger M, Marbacher S, Maduri R, Robert T, Seule MA, Bijlenga P, Schaller K, Fandino J, Smoll NR, Maldaner N, Finkenstädt S, Esposito G, Schatlo B, Keller E, Bozinov O, Regli L; Swiss SOS Study Group. Predictors of In-Hospital Death After Aneurysmal Subarachnoid Hemorrhage: Analysis of a Nationwide Database (Swiss SOS [Swiss Study on Aneurysmal Subarachnoid Hemorrhage]). *Stroke*. 2018 Feb;49(2):333-340. doi: 10.1161/STROKEAHA.117.019328. Epub 2018 Jan 15. Erratum in: *Stroke*. 2018 Mar;49(3):e144. PubMed PMID: 29335333.

84: Luedi MM, Singh SK, Mosley JC, Hassan ISA, Hatami M, Gumin J, Anderegg L, Sulman EP, Lang FF, Stueber F, Fuller GN, Colen RR, Zinn PO. Dexamethasone-mediated oncogenicity in vitro and in an animal model of glioblastoma. *J Neurosurg*. 2018 Jan 12:1-10. doi: 10.3171/2017.7.JNS17668. [Epub ahead of print] PubMed PMID: 29328002.

- 85: Bodmer A, Ross S, Raabe A, Beck J, Ulrich CT, Schucht P. Virtual autopsy to assess sacral anatomy: Conditions for a minimal invasive approach to the spinal canal through the hiatus sacralis. *Surg Neurol Int.* 2017 Dec 6;8:290. doi: 10.4103/sni.sni_313_17. eCollection 2017. PubMed PMID: 29285406; PubMed Central PMCID: PMC5735430.
- 86: Roethlisberger M, Achermann R, Bawarjan S, Stienen MN, Fung C, D'Alonzo D, Maldaner N, Ferrari A, Corniola MV, Schöni D, Valsecchi D, Maduri R, Seule MA, Burkhardt JK, Marbacher S, Bijlenga P, Blackham KA, Bucher HC, Mariani L, Guzman R, Zumofen DW; Swiss SOS Study Group. Predictors of Occurrence and Anatomic Distribution of Multiple Aneurysms in Patients with Aneurysmal Subarachnoid Hemorrhage. *World Neurosurg.* 2018 Mar;111:e199-e205. doi: 10.1016/j.wneu.2017.12.046. Epub 2017 Dec 16. PubMed PMID: 29258940.
- 87: Mackeprang PH, Vuong D, Volken W, Henzen D, Schmidhalter D, Malthaner M, Mueller S, Frei D, Stampanoni MFM, Dal Pra A, Aebbersold DM, Fix MK, Manser P. Independent Monte-Carlo dose calculation for MLC based CyberKnife radiotherapy. *Phys Med Biol.* 2017 Dec 19;63(1):015015. doi: 10.1088/1361-6560/aa97f8. PubMed PMID: 29256450.
- 88: Soleman J, Knorr C, Datta AN, Strozzi S, Ramelli GP, Mariani L, Guzman R. Early vagal nerve stimulator implantation in children: personal experience and review of the literature. *Childs Nerv Syst.* 2018 May;34(5):893-900. doi: 10.1007/s00381-017-3694-5. Epub 2017 Dec 18. PubMed PMID: 29255920.
- 89: Bargiotas P, Eugster L, Oberholzer M, Debove I, Lachenmayer ML, Mathis J, Pollo C, Schüpbach WMM, Bassetti CL. Sleep-wake functions and quality of life in patients with subthalamic deep brain stimulation for Parkinson's disease. *PLoS One.* 2017 Dec 18;12(12):e0190027. doi: 10.1371/journal.pone.0190027. eCollection 2017. PubMed PMID: 29253029; PubMed Central PMCID: PMC5734707.
- 90: Maldaner N, Burkhardt JK, Stienen MN, Goldberg J, Bervini D, Bijlenga P, Croci D, Zumofen D, D'Alonzo D, Marbacher S, Maduri R, Daniel RT, Serra C, Esposito G, Neidert MC, Bozinov O, Regli L. Decision-making and neurosurgeons' agreement in the management of aneurysmal subarachnoid haemorrhage based on computed tomography angiography. *Acta Neurochir (Wien).* 2018 Feb;160(2):253-260. doi: 10.1007/s00701-017-3415-6. Epub 2017 Dec 7. PubMed PMID: 29214402.
- 91: Nguyen TAK, Cavuscens S, Ranieri M, Schwarz K, Guinand N, van de Berg R, van den Boogert T, Lucieer F, van Hoof M, Guyot JP, Kingma H, Micera S, Perez Fornos A. Characterization of Cochlear, Vestibular and Cochlear-Vestibular Electrically Evoked Compound Action Potentials in Patients with a Vestibulo-Cochlear Implant. *Front Neurosci.* 2017 Nov 21;11:645. doi: 10.3389/fnins.2017.00645. eCollection 2017. PubMed PMID: 29209162; PubMed Central PMCID: PMC5702472.
- 92: Thurston RC, Barinas-Mitchell E, von Känel R, Chang Y, Koenen KC, Matthews KA. Trauma exposure and endothelial function among midlife women. *Menopause.* 2018 Apr;25(4):368-374. doi: 10.1097/GME.0000000000001036. PubMed PMID: 29206773; PubMed Central PMCID: PMC5866191.
- 93: Sollmann N, Echlin PS, Schultz V, Viher PV, Lyall AE, Tripodis Y, Kaufmann D, Hartl E, Kinzel P, Forwell LA, Johnson AM, Skopelja EN, Lepage C, Bouix S, Pasternak O, Lin AP, Shenton ME, Koerte IK. Sex differences in white matter alterations following repetitive subconcussive head impacts in collegiate ice hockey players. *Neuroimage Clin.* 2017 Nov 21;17:642-649. doi: 10.1016/j.nicl.2017.11.020. eCollection 2018. PubMed PMID: 29204342; PubMed Central PMCID: PMC5709295.
- 94: Schwalbe M, Williamson T, Paolucci I, Fuss T, Baumgartner I, Candinas D, Weber S, Tinguely P. A

concept for electromagnetic navigated targeting of liver tumors using an angiographic approach. *Minim Invasive Ther Allied Technol.* 2018 Feb;27(1):51-59. doi: 10.1080/13645706.2017.1407798. Epub 2017 Nov 27. PubMed PMID: 29179633.

95: Tinkhauser G, Pogosyan A, Debove I, Nowacki A, Shah SA, Seidel K, Tan H, Brittain JS, Petermann K, di Biase L, Oertel M, Pollo C, Brown P, Schuepbach M. Directional local field potentials: A tool to optimize deep brain stimulation. *Mov Disord.* 2018 Jan;33(1):159-164. doi: 10.1002/mds.27215. Epub 2017 Nov 18. PubMed PMID: 29150884; PubMed Central PMCID: PMC5768242.

96: Boërio D, Corrêa TD, Jakob SM, Ackermann KA, Bostock H, Z'Graggen WJ. Muscle membrane properties in A pig sepsis model: Effect of norepinephrine. *Muscle Nerve.* 2018 May;57(5):808-813. doi: 10.1002/mus.26013. Epub 2017 Nov 28. PubMed PMID: 29130505.

97: Henzen D, Schmidhalter D, Zanella CC, Volken W, Mackeprang PH, Malthaner M, Fix MK, Manser P. Evaluation of clinically applied treatment beams with respect to bunker shielding parameters for a Cyberknife M6. *J Appl Clin Med Phys.* 2018 Jan;19(1):243-249. doi: 10.1002/acm2.12215. Epub 2017 Nov 10. PubMed PMID: 29125234; PubMed Central PMCID: PMC5768034.

98: Perez-Bouza A, Di Santo S, Seiler S, Meyer M, Anderegg L, Huber A, Guzman R, Widmer HR. Simultaneous Transplantation of Fetal Ventral Mesencephalic Tissue and Encapsulated Genetically Modified Cells Releasing GDNF in a Hemi-Parkinsonian Rat Model of Parkinson's Disease. *Cell Transplant.* 2017 Sep;26(9):1572-1581. doi: 10.1177/0963689717721202. PubMed PMID: 29113462; PubMed Central PMCID: PMC5680950.

99: Hettlich BF. Minimally Invasive Spine Surgery in Small Animals. *Vet Clin North Am Small Anim Pract.* 2018 Jan;48(1):153-168. doi: 10.1016/j.cvsm.2017.08.008. Epub 2017 Oct 14. Review. PubMed PMID: 29037433.

100: Kellner-Weldon F, Stippich C, Wiest R, Lehmann V, Meier R, Beck J, Schucht P, Raabe A, Reyes M, Bink A. Comparison of perioperative automated versus manual two-dimensional tumor analysis in glioblastoma patients. *Eur J Radiol.* 2017 Oct;95:75-81. doi: 10.1016/j.ejrad.2017.07.028. Epub 2017 Aug 2. PubMed PMID: 28987701.

101: Nowacki A, Debove I, Fiechter M, Rossi F, Oertel MF, Wiest R, Schüpbach M, Pollo C. Targeting Accuracy of the Subthalamic Nucleus in Deep Brain Stimulation Surgery: Comparison Between 3 T T2-Weighted Magnetic Resonance Imaging and Microelectrode Recording Results. *Oper Neurosurg (Hagerstown).* 2018 Jul 1;15(1):66-71. doi: 10.1093/ons/oxp175. PubMed PMID: 28973406.

102: Dobrocky T, Beck J, Gralla J, Mordasini P. Stent-assisted coiling of a ruptured vertebrobasilar junction aneurysm via direct vertebral artery puncture. *BMJ Case Rep.* 2017 Sep 27;2017. pii: neurintsurg-2017-013099. doi: 10.1136/bcr-2017-013099. PubMed PMID: 28963098.

103: Raoufi-Rad N, McRobb LS, Lee VS, Bervini D, Grace M, Ukath J, Mchattan J, Sreenivasan VKA, Duong TTH, Zhao Z, Stoodley MA. In vivo imaging of endothelial cell adhesion molecule expression after radiosurgery in an animal model of arteriovenous malformation. *PLoS One.* 2017 Sep 26;12(9):e0185393. doi: 10.1371/journal.pone.0185393. eCollection 2017. PubMed PMID: 28949989; PubMed Central PMCID: PMC5614630.

104: Wagner F, Herrmann E, Wiest R, Raabe A, Bernasconi C, Caversaccio M, Vibert D. 3D-constructive interference into steady state (3D-CISS) labyrinth signal alteration in patients with vestibular schwannoma. *Auris Nasus Larynx.* 2018 Aug;45(4):702-710. doi: 10.1016/j.anl.2017.09.011. Epub 2017 Sep 22. PubMed PMID: 28947096.

- 105: Schreglmann SR, Riederer F, Galovic M, Ganos C, Kägi G, Waldvogel D, Jaunmuktane Z, Schaller A, Hidding U, Krasemann E, Michels L, Baumann CR, Bhatia K, Jung HH. Movement disorders in genetically confirmed mitochondrial disease and the putative role of the cerebellum. *Mov Disord*. 2018 Jan;33(1):146-155. doi: 10.1002/mds.27174. Epub 2017 Sep 13. PubMed PMID: 28901595.
- 106: Fischer U, Kaesmacher J, Mendes Pereira V, Chapot R, Siddiqui AH, Froehler MT, Cognard C, Furlan AJ, Saver JL, Gralla J. Direct Mechanical Thrombectomy Versus Combined Intravenous and Mechanical Thrombectomy in Large-Artery Anterior Circulation Stroke: A Topical Review. *Stroke*. 2017 Oct;48(10):2912-2918. doi: 10.1161/STROKEAHA.117.017208. Epub 2017 Sep 8. Review. PubMed PMID: 28887391.
- 107: Anderegg L, Biétry D, Kottke R, Andres RH. Intracranial Foreign Body in a Patient With Paranoid Schizophrenia. *J Craniofac Surg*. 2017 Oct;28(7):e685-e687. doi: 10.1097/SCS.0000000000003843. PubMed PMID: 28885436.
- 108: Tan SV, Z'Graggen WJ, Hanna MG, Bostock H. In vivo assessment of muscle membrane properties in the sodium channel myotonias. *Muscle Nerve*. 2018 Apr;57(4):586-594. doi: 10.1002/mus.25956. Epub 2017 Sep 23. PubMed PMID: 28877545; PubMed Central PMCID: PMC5839928.
- 109: Schüpbach WMM, Chabardes S, Matthies C, Pollo C, Steigerwald F, Timmermann L, Visser Vandewalle V, Volkmann J, Schuurman PR. Directional leads for deep brain stimulation: Opportunities and challenges. *Mov Disord*. 2017 Oct;32(10):1371-1375. doi: 10.1002/mds.27096. Epub 2017 Aug 26. PubMed PMID: 28843016.
- 110: Hwer E, Prebil N, Berezowska S, Gutt-Will M, Schucht P, Dettmer MS, Vassella E. Diagnostic implications of TERT promoter mutation status in diffuse gliomas in a routine clinical setting. *Virchows Arch*. 2017 Nov;471(5):641-649. doi: 10.1007/s00428-017-2216-x. Epub 2017 Aug 19. PubMed PMID: 28823044.
- 111: Piechowiak E, Zibold F, Dobrocky T, Mosimann PJ, Bervini D, Raabe A, Gralla J, Mordasini P. Endovascular Treatment of Dural Arteriovenous Fistulas of the Transverse and Sigmoid Sinuses Using Transarterial Balloon-Assisted Embolization Combined with Transvenous Balloon Protection of the Venous Sinus. *AJNR Am J Neuroradiol*. 2017 Oct;38(10):1984-1989. doi: 10.3174/ajnr.A5333. Epub 2017 Aug 17. PubMed PMID: 28818827.
- 112: Fiechter M, Nowacki A, Oertel MF, Fichtner J, Debove I, Lachenmayer ML, Wiest R, Bassetti CL, Raabe A, Kaelin-Lang A, Schüpbach MW, Pollo C. Deep Brain Stimulation for Tremor: Is There a Common Structure? *Stereotact Funct Neurosurg*. 2017;95(4):243-250. doi: 10.1159/000478270. Epub 2017 Aug 4. PubMed PMID: 28772275.
- 113: Sartori E, Langer R, Vassella E, Hwer E, Schucht P, Zlobec I, Berezowska S. Low co-expression of epidermal growth factor receptor and its chaperone heat shock protein 90 is associated with worse prognosis in primary glioblastoma, IDH-wild-type. *Oncol Rep*. 2017 Oct;38(4):2394-2400. doi: 10.3892/or.2017.5863. Epub 2017 Aug 1. PubMed PMID: 28765916.
- 114: Guenego A, Zerlauth JB, Puccinelli F, Hajdu S, Rotzinger DC, Zibold F, Piechowiak EI, Mordasini P, Gralla J, Dobrocky T, Daniel RT, Chapot R, Mosimann PJ. Balloon-assisted coil embolization and large stent delivery for cerebral aneurysms with a new generation of dual lumen balloons (Copernic 2L). *J Neurointerv Surg*. 2018 Apr;10(4):395-400. doi: 10.1136/neurintsurg-2017-013218. Epub 2017 Jul 28. PubMed PMID: 28754807.
- 115: 't Hoen LA, Groen J, Scheepe JR, Reuvers S, Diaz DC, Fernández BP, Del Popolo G, Musco S,

Hamid R, Ecclestone H, Karsenty G, Phé V, Boissier R, Kessler TM, Gross T, Schneider MP, Pannek J, Blok BFM. A Quality Assessment of Patient-Reported Outcome Measures for Sexual Function in Neurologic Patients Using the Consensus-based Standards for the Selection of Health Measurement Instruments Checklist: A Systematic Review. *Eur Urol Focus*. 2017 Oct;3(4-5):444-456. doi: 10.1016/j.euf.2016.06.009. Epub 2016 Jun 23. Review. PubMed PMID: 28753768.

116: Heidekrueger PI, Thu M, Mühlbauer W, Holm-Mühlbauer C, Schucht P, Anderl H, Schoeneich H, Aung K, Mg Ag M, Thu Soe Myint A, Juran S, Aung T, Ehrl D, Ninkovic M, Broer PN. Safe and sustainable: the extracranial approach toward frontoethmoidal meningoencephalocele repair. *J Neurosurg Pediatr*. 2017 Oct;20(4):334-340. doi: 10.3171/2017.5.PEDS1762. Epub 2017 Jul 21. PubMed PMID: 28731403.

117: Caso V, van der Worp HB, Fischer U. European Stroke Organizational Report. *Stroke*. 2017 Aug;48(8):e195-e196. doi: 10.1161/STROKEAHA.117.016050. Epub 2017 Jul 13. PubMed PMID: 28706122.

118: Asaid M, O'Neill AH, Bervini D, Chandra RV, Lai LT. Unruptured Paraclinoid Aneurysm Treatment Effects on Visual Function: Systematic Review and Meta-analysis. *World Neurosurg*. 2017 Oct;106:322-330. doi: 10.1016/j.wneu.2017.06.135. Epub 2017 Jun 30. Review. PubMed PMID: 28669879.

119: Herren C, Sobottke R, Mannion AF, Zweig T, Munting E, Otten P, Pigott T, Siewe J, Aghayev E; Spine Tango Contributors. Incidental durotomy in decompression for lumbar spinal stenosis: incidence, risk factors and effect on outcomes in the Spine Tango registry. *Eur Spine J*. 2017 Oct;26(10):2483-2495. doi: 10.1007/s00586-017-5197-1. Epub 2017 Jun 20. PubMed PMID: 28634709.

120: Hummel T, Whitcroft KL, Andrews P, Altundag A, Cinghi C, Costanzo RM, Damm M, Frasnelli J, Gudziol H, Gupta N, Haehner A, Holbrook E, Hong SC, Hornung D, Hüttenbrink KB, Kamel R, Kobayashi M, Konstantinidis I, Landis BN, Leopold DA, Macchi A, Miwa T, Moesges R, Mullol J, Mueller CA, Ottaviano G, Passali GC, Philpott C, Pinto JM, Ramakrishnan VJ, Rombaux P, Roth Y, Schlosser RA, Shu B, Soler G, Stjärne P, Stuck BA, Vodicka J, Welge-Luessen A. Position paper on olfactory dysfunction. *Rhinology*. 2016 Jan 31;56(1):0. doi: 10.4193/Rhin16.248. PubMed PMID: 28623665.

121: Seiler S, Di Santo S, Anderegg L, Widmer HR. Antagonization of the Nogo-Receptor 1 Enhances Dopaminergic Fiber Outgrowth of Transplants in a Rat Model of Parkinson's Disease. *Front Cell Neurosci*. 2017 May 26;11:151. doi: 10.3389/fncel.2017.00151. eCollection 2017. PubMed PMID: 28603490; PubMed Central PMCID: PMC5445167.

122: Alicandri-Ciufelli M, Federici G, Anschuetz L, Pavesi G, Todeschini A, Presutti L, Marchioni D. Transcanal surgery for vestibular schwannomas: a pictorial review of radiological findings, surgical anatomy and comparison to the traditional translabyrinthine approach. *Eur Arch Otorhinolaryngol*. 2017 Sep;274(9):3295-3302. doi: 10.1007/s00405-017-4630-8. Epub 2017 Jun 9. PubMed PMID: 28597129.

123: Beck J, Fung C, Ulrich CT, Fiechter M, Fichtner J, Mattle HP, Mono ML, Meier N, Mordasini P, Z'Graggen WJ, Gralla J, Raabe A. Cerebrospinal fluid outflow resistance as a diagnostic marker of spontaneous Cerebrospinal fluid fistula. *J Neurosurg Spine*. 2017 Aug;27(2):227-234. doi: 10.3171/2017.1.SPINE16548. Epub 2017 Jun 2. PubMed PMID: 28574328.

124: Verma RK, Wiest R, Locher C, Heldner MR, Schucht P, Raabe A, Gralla J, Kamm CP, Slotboom J, Kellner-Weldon F. Differentiating enhancing multiple sclerosis lesions, glioblastoma, and lymphoma with dynamic texture parameters analysis (DTPA): A feasibility study. *Med Phys*. 2017

Aug;44(8):4000-4008. doi: 10.1002/mp.12356. Epub 2017 Jun 30. PubMed PMID: 28543071.

125: Stefanits H, Springer E, Pataria E, Baumgartner C, Hainfellner JA, Prayer D, Weisstanner C, Czech T, Trattnig S. Seven-Tesla MRI of Hippocampal Sclerosis: An In Vivo Feasibility Study With Histological Correlations. *Invest Radiol.* 2017 Nov;52(11):666-671. doi: 10.1097/RLI.0000000000000388. PubMed PMID: 28538339.

126: Seiler S, Di Santo S, Sahli S, Anderegg L, Widmer HR. Nogo-receptor 1 antagonization in combination with neurotrophin-4/5 is not superior to single factor treatment in promoting survival and morphological complexity of cultured dopaminergic neurons. *Brain Res.* 2017 Aug 1;1668:56-64. doi: 10.1016/j.brainres.2017.05.015. Epub 2017 May 20. PubMed PMID: 28535980.

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

128: Raabe C, Fichtner J, Beck J, Gralla J, Raabe A. Revisiting the rules for freehand ventriculostomy: a virtual reality analysis. *J Neurosurg.* 2018 Apr;128(4):1250-1257. doi: 10.3171/2016.11.JNS161765. Epub 2017 May 19. PubMed PMID: 28524798.

129: Presutti L, Bonali M, Marchioni D, Pavesi G, Feletti A, Anschuetz L, Alicandri-Ciufelli M. Expanded transcanal transpromontorial approach to the internal auditory canal and cerebellopontine angle: a cadaveric study. *Acta Otorhinolaryngol Ital.* 2017 Jun;37(3):224-230. doi: 10.14639/0392-100X-1258. PubMed PMID: 28516966; PubMed Central PMCID: PMC5463513.

130: Giussani C, Riva M, Djonov V, Beretta S, Prada F, Sganzerla E. Brain ultrasound rehearsal before surgery: A pilot cadaver study. *Clin Anat.* 2017 Nov;30(8):1017-1023. doi: 10.1002/ca.22919. Epub 2017 Jul 26. PubMed PMID: 28514490.

131: Schucht P, Seidel K, Jilch A, Beck J, Raabe A. A review of monopolar motor mapping and a comprehensive guide to continuous dynamic motor mapping for resection of motor eloquent brain tumors. *Neurochirurgie.* 2017 Jun;63(3):175-180. doi: 10.1016/j.neuchi.2017.01.007. Epub 2017 May 13. Review. PubMed PMID: 28506487.

132: Hakim A, Oertel M, Wiest R. Pyogenic brain abscess with atypical features resembling glioblastoma in advanced MRI imaging. *Radiol Case Rep.* 2017 Jan 30;12(2):365-370. doi: 10.1016/j.radcr.2016.12.007. eCollection 2017 Jun. PubMed PMID: 28491190; PubMed Central PMCID: PMC5417631.

133: van der Ploeg AT, Kruijshaar ME, Toscano A, Laforêt P, Angelini C, Lachmann RH, Pascual Pascual SI, Roberts M, Rösler K, Stulnig T, van Doorn PA, Van den Bergh PYK, Vissing J, Schoser B; European Pompe Consortium. European consensus for starting and stopping enzyme replacement therapy in adult patients with Pompe disease: a 10-year experience. *Eur J Neurol.* 2017 Jun;24(6):768-e31. doi: 10.1111/ene.13285. Epub 2017 May 6. Review. PubMed PMID: 28477382.

134: Soleman J, Kamenova M, Lutz K, Guzman R, Fandino J, Mariani L. Drain Insertion in Chronic Subdural Hematoma: An International Survey of Practice. *World Neurosurg.* 2017 Aug;104:528-536. doi: 10.1016/j.wneu.2017.04.134. Epub 2017 Apr 28. PubMed PMID: 28461277.

- 135: Krieg SM, Lioumis P, Mäkelä JP, Wilenius J, Karhu J, Hannula H, Savolainen P, Lucas CW, Seidel K, Laakso A, Islam M, Vaalto S, Lehtinen H, Vitikainen AM, Tarapore PE, Picht T. Protocol for motor and language mapping by navigated TMS in patients and healthy volunteers; workshop report. *Acta Neurochir (Wien)*. 2017 Jul;159(7):1187-1195. doi: 10.1007/s00701-017-3187-z. Epub 2017 Apr 29. Review. PubMed PMID: 28456870.
- 136: De Marchis GM, Schaad C, Fung C, Beck J, Gralla J, Takala J, Jakob SM. Gender-related differences in aneurysmal subarachnoid hemorrhage: A hospital based study. *Clin Neurol Neurosurg*. 2017 Jun;157:82-87. doi: 10.1016/j.clineuro.2017.04.009. Epub 2017 Apr 6. PubMed PMID: 28456071.
- 137: Migliara G, Mueller M, Piermattei A, Brodie C, Paidas MJ, Barnea ER, Ria F. PIF* promotes brain re-myelination locally while regulating systemic inflammation- clinically relevant multiple sclerosis M.smegmatis model. *Oncotarget*. 2017 Mar 28;8(13):21834-21851. doi: 10.18632/oncotarget.15662. PubMed PMID: 28423529; PubMed Central PMCID: PMC5400627.
- 138: Anderegg L, Amin-Hanjani S, El-Koussy M, Verma RK, Yuki K, Schoeni D, Hsieh K, Gralla J, Schroth G, Beck J, Raabe A, Arnold M, Reinert M, Andres RH. Quantitative magnetic resonance angiography as a potential predictor for cerebral hyperperfusion syndrome: a preliminary study. *J Neurosurg*. 2018 Apr;128(4):1006-1014. doi: 10.3171/2016.11.JNS161033. Epub 2017 Apr 14. PubMed PMID: 28409735.
- 139: Thurston RC, Chang Y, Barinas-Mitchell E, Jennings JR, von Känel R, Landsittel DP, Matthews KA. Physiologically assessed hot flashes and endothelial function among midlife women. *Menopause*. 2017 Aug;24(8):886-893. doi: 10.1097/GME.0000000000000857. PubMed PMID: 28399007; PubMed Central PMCID: PMC5524590.
- 140: Cenzato M, Boccardi E, Beghi E, Vajkoczy P, Szikora I, Motti E, Regli L, Raabe A, Eliava S, Gruber A, Meling TR, Niemela M, Pasqualin A, Golanov A, Karlsson B, Kemeny A, Liscak R, Lippitz B, Radatz M, La Camera A, Chapot R, Islak C, Spelle L, Debernardi A, Agostoni E, Revay M, Morgan MK. European consensus conference on unruptured brain AVMs treatment (Supported by EANS, ESMINT, EGKS, and SINCH). *Acta Neurochir (Wien)*. 2017 Jun;159(6):1059-1064. doi: 10.1007/s00701-017-3154-8. Epub 2017 Apr 7. PubMed PMID: 28389875.
- 141: Zumofen DW, Guffi T, Eppe C, Westermann B, Krähenbühl AK, Zabka S, Taub E, Bodmer D, Mariani L. Intended Near-Total Removal of Koos Grade IV Vestibular Schwannomas: Reconsidering the Treatment Paradigm. *Neurosurgery*. 2018 Feb 1;82(2):202-210. doi: 10.1093/neuros/nyx143. PubMed PMID: 28383680.
- 142: Z'Graggen WJ, Solà R, Graf NE, Serra J, Bostock H. Sensitivity to ischaemia of single sympathetic nerve fibres innervating the dorsum of the human foot. *J Physiol*. 2017 Jul 1;595(13):4467-4473. doi: 10.1113/JP274324. Epub 2017 May 14. PubMed PMID: 28378458; PubMed Central PMCID: PMC5491856.
- 143: Thurston RC, Chang Y, von Känel R, Barinas-Mitchell E, Jennings JR, Hall MH, Santoro N, Buysse DJ, Matthews KA. Sleep Characteristics and Carotid Atherosclerosis Among Midlife Women. *Sleep*. 2017 Feb 1;40(2). doi: 10.1093/sleep/zsw052. PubMed PMID: 28364498; PubMed Central PMCID: PMC6084762.
- 144: Müller F, Schenk HC, Forterre F. Short-term and long-term effects of a minimally invasive transilial vertebral blocking procedure on the lumbosacral morphometry in dogs measured by computed tomography. *Vet Surg*. 2017 Apr;46(3):354-366. doi: 10.1111/vsu.12623. Epub 2017 Mar 17. PubMed PMID: 28314063.

- 145: Ambrosius B, Faissner S, Guse K, von Lehe M, Grunwald T, Gold R, Grewe B, Chan A. Teriflunomide and monomethylfumarate target HIV-induced neuroinflammation and neurotoxicity. *J Neuroinflammation*. 2017 Mar 11;14(1):51. doi: 10.1186/s12974-017-0829-2. PubMed PMID: 28284222; PubMed Central PMCID: PMC5346211.
- 146: Presutti L, Alicandri-Ciufelli M, Bonali M, Rubini A, Pavesi G, Feletti A, Masotto B, Anschuetz L, Marchioni D. Expanded transcanal transpromontorial approach to the internal auditory canal: Pilot clinical experience. *Laryngoscope*. 2017 Nov;127(11):2608-2614. doi: 10.1002/lary.26559. Epub 2017 Mar 8. PubMed PMID: 28271520.
- 147: Moore SA, Granger N, Olby NJ, Spitzbarth I, Jeffery ND, Tipold A, Nout-Lomas YS, da Costa RC, Stein VM, Noble-Haeusslein LJ, Blight AR, Grossman RG, Basso DM, Levine JM. Targeting Translational Successes through CANSORT-SCI: Using Pet Dogs To Identify Effective Treatments for Spinal Cord Injury. *J Neurotrauma*. 2017 Jun 15;34(12):2007-2018. doi: 10.1089/neu.2016.4745. Epub 2017 Mar 22. Review. PubMed PMID: 28230415; PubMed Central PMCID: PMC5467140.
- 148: Bohlender JM, Nussberger J, Birkhäuser F, Grouzmann E, Thalmann GN, Imboden H. Resetting of renal tissular renin-angiotensin and bradykinin-kallikrein systems after unilateral kidney denervation in rats. *Histochem Cell Biol*. 2017 May;147(5):585-593. doi: 10.1007/s00418-017-1543-y. Epub 2017 Feb 20. PubMed PMID: 28220244.
- 149: Anderegg L, Andres RH. "Sentinel Seizure" as a Warning Sign Preceding Fatal Rupture of a Giant Middle Cerebral Artery Aneurysm. *World Neurosurg*. 2017 Apr;100:709.e11-709.e13. doi: 10.1016/j.wneu.2017.02.017. Epub 2017 Feb 12. PubMed PMID: 28216212.
- 150: Anderegg L, Mono ML, Kellner-Weldon F, Christ E. Cluster headache and macroprolactinoma: Case report of a rare, but potential important causality. *J Clin Neurosci*. 2017 Jun;40:62-64. doi: 10.1016/j.jocn.2017.01.028. Epub 2017 Feb 10. PubMed PMID: 28209309.
- 151: Tanadini-Lang S, Rieber J, Filippi AR, Fode MM, Streblow J, Adebahr S, Andratschke N, Blanck O, Boda-Heggemann J, Duma M, Eble MJ, Ernst I, Flentje M, Gerum S, Hass P, Henkenberens C, Hildebrandt G, Imhoff D, Kahl H, Klass ND, Krempien R, Lohaus F, Petersen C, Schrade E, Wendt TG, Wittig A, Høyer M, Ricardi U, Sterzing F, Guckenberger M. Nomogram based overall survival prediction in stereotactic body radiotherapy for oligo-metastatic lung disease. *Radiother Oncol*. 2017 May;123(2):182-188. doi: 10.1016/j.radonc.2017.01.003. Epub 2017 Feb 4. PubMed PMID: 28169042.
- 152: Schär RT, Sutter M, Mannion AF, Eggspühler A, Jeszenszky D, Fekete TF, Kleinstück F, Haschtmann D. Outcome of L5 radiculopathy after reduction and instrumented transforaminal lumbar interbody fusion of high-grade L5-S1 isthmic spondylolisthesis and the role of intraoperative neurophysiological monitoring. *Eur Spine J*. 2017 Mar;26(3):679-690. doi: 10.1007/s00586-017-4964-3. Epub 2017 Jan 31. PubMed PMID: 28138779.
- 153: Kongbunkiat K, Wilson D, Kasemsap N, Tiamkao S, Jichi F, Palumbo V, Hill MD, Buchan AM, Jung S, Mattle HP, Henninger N, Werring DJ. Leukoaraiosis, intracerebral hemorrhage, and functional outcome after acute stroke thrombolysis. *Neurology*. 2017 Feb 14;88(7):638-645. doi: 10.1212/WNL.0000000000003605. Epub 2017 Jan 27. Review. PubMed PMID: 28130468; PubMed Central PMCID: PMC5317383.
- 154: Burkhardt JK, Neidert MC, Stienen MN, Schöni D, Fung C, Roethlisberger M, Corniola MV, Bervini D, Maduri R, Valsecchi D, Tok S, Schatlo B, Bijlenga P, Schaller K, Bozinov O, Regli L; Swiss SOS study group. Computed tomography angiography spot sign predicts intraprocedural aneurysm rupture in subarachnoid hemorrhage. *Acta Neurochir (Wien)*. 2017 Jul;159(7):1305-1312. doi:

10.1007/s00701-016-3072-1. Epub 2017 Jan 27. PubMed PMID: 28127657.

155: Hibar DP, Adams HHH, Jahanshad N, Chauhan G, Stein JL, Hofer E, Renteria ME, Bis JC, Arias-Vasquez A, Ikram MK, Desrivières S, Vernooij MW, Abramovic L, Alhusaini S, Amin N, Andersson M, Arfanakis K, Aribisala BS, Armstrong NJ, Athanasiu L, Axelsson T, Beecham AH, Beiser A, Bernard M, Blanton SH, Bohlken MM, Boks MP, Bralten J, Brickman AM, Carmichael O, Chakravarty MM, Chen Q, Ching CRK, Chouraki V, Cuellar-Partida G, Crivello F, Den Braber A, Doan NT, Ehrlich S, Giddaluru S, Goldman AL, Gottesman RF, Grimm O, Griswold ME, Guadalupe T, Gutman BA, Hass J, Haukvik UK, Hoehn D, Holmes AJ, Hoogman M, Janowitz D, Jia T, Jørgensen KN, Karbalai N, Kasperaviciute D, Kim S, Klein M, Kraemer B, Lee PH, Liewald DCM, Lopez LM, Luciano M, Macare C, Marquand AF, Matarin M, Mather KA, Mattheisen M, McKay DR, Milaneschi Y, Muñoz Maniega S, Nho K, Nugent AC, Nyquist P, Loohuis LMO, Oosterlaan J, Pappmeyer M, Pirpamer L, Pütz B, Ramasamy A, Richards JS, Risacher SL, Roiz-Santiañez R, Rommelse N, Ropele S, Rose EJ, Royle NA, Rundek T, Sämann PG, Saremi A, Satizabal CL, Schmaal L, Schork AJ, Shen L, Shin J, Shumskaya E, Smith AV, Sprooten E, Strike LT, Teumer A, Tordesillas-Gutierrez D, Toro R, Trabzuni D, Trompet S, Vaidya D, Van der Grond J, Van der Lee SJ, Van der Meer D, Van Donkelaar MMJ, Van Eijk KR, Van Erp TGM, Van Rooij D, Walton E, Westlye LT, Whelan CD, Windham BG, Winkler AM, Wittfeld K, Woldehawariat G, Wolf C, Wolfers T, Yanek LR, Yang J, Zijdenbos A, Zwieters MP, Agartz I, Almasy L, Ames D, Amouyel P, Andreassen OA, Arepalli S, Assareh AA, Barral S, Bastin ME, Becker DM, Becker JT, Bennett DA, Blangero J, van Bokhoven H, Boomsma DI, Brodaty H, Brouwer RM, Brunner HG, Buckner RL, Buitelaar JK, Bulayeva KB, Cahn W, Calhoun VD, Cannon DM, Cavalleri GL, Cheng CY, Cichon S, Cookson MR, Corvin A, Crespo-Facorro B, Curran JE, Czisch M, Dale AM, Davies GE, De Craen AJM, De Geus EJC, De Jager PL, De Zubicaray GI, Deary IJ, Dobbie S, DeCarli C, Delanty N, Depondt C, DeStefano A, Dillman A, Djurovic S, Donohoe G, Drevets WC, Duggirala R, Dyer TD, Enzinger C, Erk S, Espeseth T, Fedko IO, Fernández G, Ferrucci L, Fisher SE, Fleischman DA, Ford I, Fornage M, Foroud TM, Fox PT, Francks C, Fukunaga M, Gibbs JR, Glahn DC, Gollub RL, Göring HHH, Green RC, Gruber O, Gudnason V, Guelfi S, Håberg AK, Hansell NK, Hardy J, Hartman CA, Hashimoto R, Hegenscheid K, Heinz A, Le Hellard S, Hernandez DG, Heslenfeld DJ, Ho BC, Hoekstra PJ, Hoffmann W, Hofman A, Holsboer F, Homuth G, Hosten N, Hottenga JJ, Huentelman M, Hulshoff Pol HE, Ikeda M, Jack CR Jr, Jenkinson M, Johnson R, Jönsson EG, Jukema JW, Kahn RS, Kanai R, Kloszewska I, Knopman DS, Kochunov P, Kwok JB, Lawrie SM, Lemaître H, Liu X, Longo DL, Lopez OL, Lovestone S, Martinez O, Martinot JL, Mattay VS, McDonald C, McIntosh AM, McMahon FJ, McMahon KL, Mecocci P, Melle I, Meyer-Lindenberg A, Mohnke S, Montgomery GW, Morris DW, Mosley TH, Mühleisen TW, Müller-Myhsok B, Nalls MA, Nauck M, Nichols TE, Niessen WJ, Nöthen MM, Nyberg L, Ohi K, Olvera RL, Ophoff RA, Pandolfo M, Paus T, Pausova Z, Penninx BWJH, Pike GB, Potkin SG, Psaty BM, Reppermund S, Rietschel M, Roffman JL, Romanczuk-Seiferth N, Rotter JI, Ryten M, Sacco RL, Sachdev PS, Saykin AJ, Schmidt R, Schmidt H, Schofield PR, Sigursson S, Simmons A, Singleton A, Sisodiya SM, Smith C, Smoller JW, Soininen H, Steen VM, Stott DJ, Sussmann JE, Thalamuthu A, Toga AW, Traynor BJ, Troncoso J, Tsolaki M, Tzourio C, Uitterlinden AG, Hernández MCV, Van der Brug M, van der Lugt A, van der Wee NJA, Van Haren NEM, van 't Ent D, Van Tol MJ, Vardarajan BN, Vellas B, Veltman DJ, Völzke H, Walter H, Wardlaw JM, Wassink TH, Weale ME, Weinberger DR, Weiner MW, Wen W, Westman E, White T, Wong TY, Wright CB, Zielke RH, Zonderman AB, Martin NG, Van Duijn CM, Wright MJ, Longstreth WT, Schumann G, Grabe HJ, Franke B, Launer LJ, Medland SE, Seshadri S, Thompson PM, Ikram MA. Novel genetic loci associated with hippocampal volume. *Nat Commun.* 2017 Jan 18;8:13624. doi: 10.1038/ncomms13624. PubMed PMID: 28098162; PubMed Central PMCID: PMC5253632.

156: Coutinho JM, Liebeskind DS, Slater LA, Nogueira RG, Clark W, Dávalos A, Bonafé A, Jahan R, Fischer U, Gralla J, Saver JL, Pereira VM. Combined Intravenous Thrombolysis and Thrombectomy vs Thrombectomy Alone for Acute Ischemic Stroke: A Pooled Analysis of the SWIFT and STAR Studies. *JAMA Neurol.* 2017 Mar 1;74(3):268-274. doi: 10.1001/jamaneurol.2016.5374. PubMed PMID: 28097310.

- 157: Engelhardt B, Vajkoczy P, Weller RO. The movers and shapers in immune privilege of the CNS. *Nat Immunol*. 2017 Feb;18(2):123-131. doi: 10.1038/ni.3666. Epub 2017 Jan 16. Review. PubMed PMID: 28092374.
- 158: Ulrich NH, Burgstaller JM, Pichierri G, Wertli MM, Farshad M, Porchet F, Steurer J, Held U; LSOS Study Group. Decompression Surgery Alone Versus Decompression Plus Fusion in Symptomatic Lumbar Spinal Stenosis: A Swiss Prospective Multicenter Cohort Study With 3 Years of Follow-up. *Spine (Phila Pa 1976)*. 2017 Sep 15;42(18):E1077-E1086. doi: 10.1097/BRS.0000000000002068. PubMed PMID: 28092340.
- 159: Meier R, Porz N, Knecht U, Loosli T, Schucht P, Beck J, Slotboom J, Wiest R, Reyes M. Automatic estimation of extent of resection and residual tumor volume of patients with glioblastoma. *J Neurosurg*. 2017 Oct;127(4):798-806. doi: 10.3171/2016.9.JNS16146. Epub 2017 Jan 6. PubMed PMID: 28059651.
- 160: Rutrick D, Stein DJ, Subramanian G, Smith B, Fava M, Hasler G, Cha JH, Gasparini F, Donchev T, Ocwieja M, Johns D, Gomez-Mancilla B. Mavoglurant Augmentation in OCD Patients Resistant to Selective Serotonin Reuptake Inhibitors: A Proof-of-Concept, Randomized, Placebo-Controlled, Phase 2 Study. *Adv Ther*. 2017 Feb;34(2):524-541. doi: 10.1007/s12325-016-0468-5. Epub 2017 Jan 2. PubMed PMID: 28044255.
- 161: Shireman TI, Wang K, Saver JL, Goyal M, Bonafé A, Diener HC, Levy EI, Pereira VM, Albers GW, Cognard C, Hacke W, Jansen O, Jovin TG, Mattle HP, Nogueira RG, Siddiqui AH, Yavagal DR, Devlin TG, Lopes DK, Reddy VK, du Mesnil de Rochemont R, Jahan R, Vilain KA, House J, Lee JM, Cohen DJ; SWIFT-PRIME Investigators. Cost-Effectiveness of Solitaire Stent Retriever Thrombectomy for Acute Ischemic Stroke: Results From the SWIFT-PRIME Trial (Solitaire With the Intention for Thrombectomy as Primary Endovascular Treatment for Acute Ischemic Stroke). *Stroke*. 2017 Feb;48(2):379-387. doi: 10.1161/STROKEAHA.116.014735. Epub 2016 Dec 27. PubMed PMID: 28028150; PubMed Central PMCID: PMC5461963.
- 162: Brander L, Moerer O, Hedenstierna G, Beck J, Takala J, Slutsky AS, Sinderby C. Neural control of ventilation prevents both over-distension and de-recruitment of experimentally injured lungs. *Respir Physiol Neurobiol*. 2017 Mar;237:57-67. doi: 10.1016/j.resp.2016.12.010. Epub 2016 Dec 22. PubMed PMID: 28013057.
- 163: Gugliotta M, da Costa BR, Dabis E, Theiler R, Jüni P, Reichenbach S, Landolt H, Hasler P. Surgical versus conservative treatment for lumbar disc herniation: a prospective cohort study. *BMJ Open*. 2016 Dec 21;6(12):e012938. doi: 10.1136/bmjopen-2016-012938. PubMed PMID: 28003290; PubMed Central PMCID: PMC5223716.
- 164: O'Donnell LJ, Suter Y, Rigolo L, Kahali P, Zhang F, Norton I, Albi A, Olubiyi O, Meola A, Essayed WI, Unadkat P, Ciris PA, Wells WM 3rd, Rathi Y, Westin CF, Golby AJ. Automated white matter fiber tract identification in patients with brain tumors. *Neuroimage Clin*. 2016 Nov 25;13:138-153. eCollection 2017. PubMed PMID: 27981029; PubMed Central PMCID: PMC5144756.
- 165: Anderegg L, Beck J, Z'Graggen WJ, Schroth G, Andres RH, Murek M, Haenggi M, Reinert M, Raabe A, Gralla J. Feasibility and Safety of Repeat Instant Endovascular Interventions in Patients with Refractory Cerebral Vasospasms. *AJNR Am J Neuroradiol*. 2017 Mar;38(3):561-567. doi: 10.3174/ajnr.A5024. Epub 2016 Dec 15. PubMed PMID: 27979797.
- 166: Oertel MF, Schüpbach WM, Ghika JA, Stieglitz LH, Fiechter M, Kaelin-Lang A, Raabe A, Pollo C. Combined thalamic and subthalamic deep brain stimulation for tremor-dominant Parkinson's disease.

Acta Neurochir (Wien). 2017 Feb;159(2):265-269. doi: 10.1007/s00701-016-3044-5. Epub 2016 Dec 13. PubMed PMID: 27966027.

167: Ducray AD, Stojiljkovic A, Möller A, Stoffel MH, Widmer HR, Frenz M, Mevissen M. Uptake of silica nanoparticles in the brain and effects on neuronal differentiation using different in vitro models. Nanomedicine. 2017 Apr;13(3):1195-1204. doi: 10.1016/j.nano.2016.11.001. Epub 2016 Nov 19. PubMed PMID: 27871963.

168: Welling L, Bernstein LE, Berry GT, Burlina AB, Eyskens F, Gautschi M, Grünewald S, Gubbels CS, Knerr I, Labruno P, van der Lee JH, MacDonald A, Murphy E, Portnoi PA, Öunap K, Potter NL, Rubio-Gozalbo ME, Spencer JB, Timmers I, Treacy EP, Van Calcar SC, Waisbren SE, Bosch AM; Galactosemia Network (GalNet). International clinical guideline for the management of classical galactosemia: diagnosis, treatment, and follow-up. J Inher Metab Dis. 2017 Mar;40(2):171-176. doi: 10.1007/s10545-016-9990-5. Epub 2016 Nov 17. Review. PubMed PMID: 27858262; PubMed Central PMCID: PMC5306419.

169: Lönnfors-Weitzel T, Weitzel T, Slotboom J, Kiefer C, Pollo C, Schüpbach M, Oertel M, Kaelin A, Wiest R. T2-relaxometry predicts outcome of DBS in idiopathic Parkinson's disease. Neuroimage Clin. 2016 Sep 29;12:832-837. eCollection 2016. PubMed PMID: 27843765; PubMed Central PMCID: PMC5097958.

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

171: Oertel MF. Vascular decompression for trigeminal neuralgia - Past, present and future. Neurol India. 2016 Nov-Dec;64(6):1390-1391. doi: 10.4103/0028-3886.193814. PubMed PMID: 27841245.

172: Thurston RC, Chang Y, Barinas-Mitchell E, Jennings JR, Landsittel DP, Santoro N, von Känel R, Matthews KA. Menopausal Hot Flashes and Carotid Intima Media Thickness Among Midlife Women. Stroke. 2016 Dec;47(12):2910-2915. Epub 2016 Nov 10. PubMed PMID: 27834746; PubMed Central PMCID: PMC5134903.

173: Giese M, Turiello N, Molenda N, Palesch D, Meid A, Schroeder R, Basilico P, Benarafa C, Halatsch ME, Zimecki M, Westhoff MA, Wirtz CR, Burster T. Exogenous cathepsin G upregulates cell surface MHC class I molecules on immune and glioblastoma cells. Oncotarget. 2016 Nov 15;7(46):74602-74611. doi: 10.18632/oncotarget.12980. PubMed PMID: 27806341; PubMed Central PMCID: PMC5342690.

174: Porz N, Habegger S, Meier R, Verma R, Jilch A, Fichtner J, Knecht U, Radina C, Schucht P, Beck J, Raabe A, Slotboom J, Reyes M, Wiest R. Fully Automated Enhanced Tumor Compartmentalization: Man vs. Machine Reloaded. PLoS One. 2016 Nov 2;11(11):e0165302. doi: 10.1371/journal.pone.0165302. eCollection 2016. PubMed PMID: 27806121; PubMed Central PMCID: PMC5091868.

175: Jæger P, Grevstad U, Koscielniak-Nielsen ZJ, Sauter AR, Sørensen JK, Dahl JB. Does dexamethasone have a perineural [mechanism of action](#)? A paired, blinded, randomized, controlled study in healthy volunteers. Br J Anaesth. 2016 Nov;117(5):635-641. PubMed PMID: 27799178.

176: Adams HH, Hibar DP, Chouraki V, Stein JL, Nyquist PA, Rentería ME, Trompet S, Arias-Vasquez A, Seshadri S, Desrivières S, Beecham AH, Jahanshad N, Wittfeld K, Van der Lee SJ, Abramovic L,

Alhusaini S, Amin N, Andersson M, Arfanakis K, Aribisala BS, Armstrong NJ, Athanasiu L, Axelsson T, Beiser A, Bernard M, Bis JC, Blanken LM, Blanton SH, Bohlken MM, Boks MP, Bralten J, Brickman AM, Carmichael O, Chakravarty MM, Chauhan G, Chen Q, Ching CR, Cuellar-Partida G, Braber AD, Doan NT, Ehrlich S, Filippi I, Ge T, Giddaluru S, Goldman AL, Gottesman RF, Greven CU, Grimm O, Griswold ME, Guadalupe T, Hass J, Haukvik UK, Hilal S, Hofer E, Hoehn D, Holmes AJ, Hoogman M, Janowitz D, Jia T, Kasperaviciute D, Kim S, Klein M, Kraemer B, Lee PH, Liao J, Liewald DC, Lopez LM, Luciano M, Macare C, Marquand A, Matarin M, Mather KA, Mattheisen M, Mazoyer B, McKay DR, McWhirter R, Milaneschi Y, Mirza-Schreiber N, Muetzel RL, Maniega SM, Nho K, Nugent AC, Loohuis LM, Oosterlaan J, Papmeyer M, Pappa I, Pirpamer L, Pudas S, Pütz B, Rajan KB, Ramasamy A, Richards JS, Risacher SL, Roiz-Santiañez R, Rommelse N, Rose EJ, Royle NA, Rundek T, Sämann PG, Satizabal CL, Schmaal L, Schork AJ, Shen L, Shin J, Shumskaya E, Smith AV, Sprooten E, Strike LT, Teumer A, Thomson R, Tordesillas-Gutierrez D, Toro R, Trabzuni D, Vaidya D, Van der Grond J, Van der Meer D, Van Donkelaar MM, Van Eijk KR, Van Erp TG, Van Rooij D, Walton E, Westlye LT, Whelan CD, Windham BG, Winkler AM, Woldehawariat G, Wolf C, Wolfers T, Xu B, Yanek LR, Yang J, Zijdenbos A, Zwiers MP, Agartz I, Aggarwal NT, Almasy L, Ames D, Amouyel P, Andreassen OA, Arepalli S, Assareh AA, Barral S, Bastin ME, Becker DM, Becker JT, Bennett DA, Blangero J, van Bokhoven H, Boomsma DI, Brodaty H, Brouwer RM, Brunner HG, Buckner RL, Buitelaar JK, Bulayeva KB, Cahn W, Calhoun VD, Cannon DM, Cavalleri GL, Chen C, Cheng CY, Cichon S, Cookson MR, Corvin A, Crespo-Facorro B, Curran JE, Czisch M, Dale AM, Davies GE, De Geus EJ, De Jager PL, de Zubicaray GI, Delanty N, Depondt C, DeStefano AL, Dillman A, Djurovic S, Donohoe G, Drevets WC, Duggirala R, Dyer TD, Erk S, Espeseth T, Evans DA, Fedko IO, Fernández G, Ferrucci L, Fisher SE, Fleischman DA, Ford I, Foroud TM, Fox PT, Francks C, Fukunaga M, Gibbs JR, Glahn DC, Gollub RL, Göring HH, Grabe HJ, Green RC, Gruber O, Gudnason V, Guelfi S, Hansell NK, Hardy J, Hartman CA, Hashimoto R, Hegenscheid K, Heinz A, Le Hellard S, Hernandez DG, Heslenfeld DJ, Ho BC, Hoekstra PJ, Hoffmann W, Hofman A, Holsboer F, Homuth G, Hosten N, Hottenga JJ, Hulshoff Pol HE, Ikeda M, Ikram MK, Jack CR Jr, Jenkinson M, Johnson R, Jönsson EG, Jukema JW, Kahn RS, Kanai R, Kloszewska I, Knopman DS, Kochunov P, Kwok JB, Lawrie SM, Lemaître H, Liu X, Longo DL, Longstreth WT Jr, Lopez OL, Lovestone S, Martinez O, Martinot JL, Mattay VS, McDonald C, McIntosh AM, McMahon KL, McMahon FJ, Mecocci P, Melle I, Meyer-Lindenberg A, Mohnke S, Montgomery GW, Morris DW, Mosley TH, Mühleisen TW, Müller-Myhsok B, Nalls MA, Nauck M, Nichols TE, Niessen WJ, Nöthen MM, Nyberg L, Ohi K, Olvera RL, Ophoff RA, Pandolfo M, Paus T, Pausova Z, Penninx BW, Pike GB, Potkin SG, Psaty BM, Reppermund S, Rietschel M, Roffman JL, Romanczuk-Seiferth N, Rotter JI, Ryten M, Sacco RL, Sachdev PS, Saykin AJ, Schmidt R, Schofield PR, Sigurdsson S, Simmons A, Singleton A, Sisodiya SM, Smith C, Smoller JW, Soininen H, Srikanth V, Steen VM, Stott DJ, Sussmann JE, Thalamuthu A, Tiemeier H, Toga AW, Traynor BJ, Troncoso J, Turner JA, Tzourio C, Uitterlinden AG, Hernández MC, Van der Brug M, Van der Lugt A, Van der Wee NJ, Van Duijn CM, Van Haren NE, Van T Ent D, Van Tol MJ, Vardarajan BN, Veltman DJ, Vernooij MW, Völzke H, Walter H, Wardlaw JM, Wassink TH, Weale ME, Weinberger DR, Weiner MW, Wen W, Westman E, White T, Wong TY, Wright CB, Zielke HR, Zonderman AB, Deary IJ, DeCarli C, Schmidt H, Martin NG, De Craen AJ, Wright MJ, Launer LJ, Schumann G, Fornage M, Franke B, DeBette S, Medland SE, Ikram MA, Thompson PM. Novel genetic loci underlying human intracranial volume identified through genome-wide association. *Nat Neurosci*. 2016 Dec;19(12):1569-1582. doi: 10.1038/nn.4398. Epub 2016 Oct 3. PubMed PMID: 27694991; PubMed Central PMCID: PMC5227112.

177: Nguyen NP, Godinez J, Shen W, Vinh-Hung V, Gorobets H, Thariat J, Ampil F, Vock J, Karlsson U, Chi A; International Geriatric Radiotherapy Group. Is surgery indicated for elderly patients with early stage nonsmall cell lung cancer, in the era of stereotactic body radiotherapy? *Medicine (Baltimore)*. 2016 Oct;95(43):e5212. Review. PubMed PMID: 27787380; PubMed Central PMCID: PMC5089109.

178: Melloh M, Staub LP, Lord SJ, Barz T. Letter to the Editor concerning "Relationship between sedimentation sign and morphological grade in symptomatic lumbar spinal stenosis" (by Laudato PA, Kulik G, Schizas C (2015) *Eur Spine J*; 24(10):2264-2268). *Eur Spine J*. 2016 Nov;25(11):3768-3769.

Epub 2016 Aug 26. PubMed PMID: 27566303.

179: Anderegg L, Frey J, Andres RH, El-Koussy M, Beck J, Seiler RW, Christ E. Long-Term Follow-Up of Primary Medical Versus Surgical Treatment of Prolactinomas in Men: Effects on Hyperprolactinemia, Hypogonadism, and Bone Health. *World Neurosurg.* 2017 Jan;97:595-602. doi: 10.1016/j.wneu.2016.10.059. Epub 2016 Oct 20. PubMed PMID: 27773859.

180: Thurston RC, Chang Y, Barinas-Mitchell E, von Känel R, Jennings JR, Santoro N, Landsittel DP, Matthews KA. Child Abuse and Neglect and Subclinical Cardiovascular Disease Among Midlife Women. *Psychosom Med.* 2017 May;79(4):441-449. doi: 10.1097/PSY.0000000000000400. PubMed PMID: 27763988; PubMed Central PMCID: PMC5477855.

181: Engstrand J, Toporek G, Harbut P, Jonas E, Nilsson H, Freedman J. Stereotactic CT-Guided Percutaneous Microwave Ablation of Liver Tumors With the Use of High-Frequency Jet Ventilation: An Accuracy and Procedural Safety Study. *AJR Am J Roentgenol.* 2017 Jan;208(1):193-200. doi: 10.2214/AJR.15.15803. Epub 2016 Oct 20. PubMed PMID: 27762601.

182: Deletis V, Kothbauer KF, Sala F, Seidel K. Letter to the Editor: Electrical activity in limb muscles after spinal cord stimulation is not specific for the corticospinal tract. *J Neurosurg Spine.* 2017 Feb;26(2):267-269. doi: 10.3171/2016.6.SPINE16591. Epub 2016 Sep 30. PubMed PMID: 27689423.

183: Anderegg L, Frey J, Andres RH, El-Koussy M, Beck J, Seiler RW, Christ E. 10-year follow-up study comparing primary medical vs. surgical therapy in women with prolactinomas. *Endocrine.* 2017 Jan;55(1):223-230. doi: 10.1007/s12020-016-1115-2. Epub 2016 Sep 29. PubMed PMID: 27688009.

184: Luedi MM, Singh SK, Mosley JC, Hatami M, Gumin J, Sulman EP, Lang FF, Stueber F, Zinn PO, Colen RR. A Dexamethasone-regulated Gene Signature Is Prognostic for Poor Survival in Glioblastoma Patients. *J Neurosurg Anesthesiol.* 2017 Jan;29(1):46-58. PubMed PMID: 27653222; PubMed Central PMCID: PMC5143186.

185: Kobleder A, Nikolic N, Hechinger M, Denhaerynck K, Hampl M, Mueller MD, Senn B. Perceived Health-Related Quality of Life in Women With Vulvar Neoplasia: A Cross-sectional study. *Int J Gynecol Cancer.* 2016 Sep;26(7):1313-9. doi: 10.1097/IGC.0000000000000770. PubMed PMID: 27648647.

186: Shah A, Coste J, Lemaire JJ, Taub E, Schüpbach WMM, Pollo C, Schkommodau E, Guzman R, Hemm-Ode S. Intraoperative acceleration measurements to quantify improvement in tremor during deep brain stimulation surgery. *Med Biol Eng Comput.* 2017 May;55(5):845-858. doi: 10.1007/s11517-016-1559-9. Epub 2016 Sep 8. PubMed PMID: 27631560.

187: Konczalla J, Wanderer S, Mrosek J, Guerresir E, Schuss P, Platz J, Seifert V, Vatter H. Levosimendan, a new therapeutic approach to prevent delayed cerebral vasospasm after subarachnoid hemorrhage? *Acta Neurochir (Wien).* 2016 Nov;158(11):2075-2083. Epub 2016 Sep 10. PubMed PMID: 27614436.

188: Gast H, Niediek J, Schindler K, Boström J, Coenen VA, Beck H, Elger CE, Mormann F. Burst firing of single neurons in the human medial temporal lobe changes before epileptic seizures. *Clin Neurophysiol.* 2016 Oct;127(10):3329-34. doi: 10.1016/j.clinph.2016.08.010. Epub 2016 Aug 20. PubMed PMID: 27592159.

189: Bulte CS, Boer C, Hartemink KJ, Kamp O, Heymans MW, Loer SA, de Marchi SF, Vogel R, Bouwman RA. Myocardial Microvascular Responsiveness During Acute Cardiac Sympathectomy Induced by Thoracic Epidural Anesthesia. *J Cardiothorac Vasc Anesth.* 2017 Feb;31(1):134-141. doi: 10.1053/j.jvca.2016.05.039. Epub 2016 May 25. PubMed PMID: 27590457.

- 190: Bervini D, Morgan MK, Stoodley MA, Heller GZ. Transdural arterial recruitment to brain arteriovenous malformation: clinical and management implications in a prospective cohort series. *J Neurosurg.* 2017 Jul;127(1):51-58. doi: 10.3171/2016.5.JNS16730. Epub 2016 Sep 2. PubMed PMID: 27588588.
- 191: Neumann R, Abu-Isa J, Stamou S, Gascho D, Thali MJ, Ebert LC, Flach PM. Papilledema as a Diagnostic Sign of Cerebral Edema on Postmortem Magnetic Resonance Imaging. *Am J Forensic Med Pathol.* 2016 Dec;37(4):264-269. PubMed PMID: 27571174.
- 192: Beck J, Ulrich CT, Fung C, Fichtner J, Seidel K, Fiechter M, Hsieh K, Murek M, Bervini D, Meier N, Mono ML, Mordasini P, Hewer E, Z'Graggen WJ, Gralla J, Raabe A. Diskogenic microspurs as a major cause of intractable spontaneous intracranial hypotension. *Neurology.* 2016 Sep 20;87(12):1220-6. doi: 10.1212/WNL.0000000000003122. Epub 2016 Aug 26. PubMed PMID: 27566748.
- 193: Caso V, Fischer U, van der Worp HB. Organizational Update: European Stroke Organisation. *Stroke.* 2016 Sep;47(9):e224-5. doi: 10.1161/STROKEAHA.116.013686. Epub 2016 Aug 4. PubMed PMID: 27491730.
- 194: Spena G, Schucht P, Seidel K, Rutten GJ, Freyschlag CF, D'Agata F, Costi E, Zappa F, Fontanella M, Fontaine D, Almairac F, Cavallo M, De Bonis P, Conesa G, Foroglou N, Gil-Robles S, Mandonnet E, Martino J, Picht T, Viegas C, Wager M, Pallud J. Brain tumors in eloquent areas: A European multicenter survey of intraoperative mapping techniques, intraoperative seizures occurrence, and antiepileptic drug prophylaxis. *Neurosurg Rev.* 2017 Apr;40(2):287-298. doi: 10.1007/s10143-016-0771-2. Epub 2016 Aug 1. PubMed PMID: 27481498.
- 195: Atangana E, Schneider UC, Blecharz K, Magrini S, Wagner J, Nieminen-Kelhä M, Kremenetskaia I, Heppner FL, Engelhardt B, Vajkoczy P. Intravascular Inflammation Triggers Intracerebral Activated Microglia and Contributes to Secondary Brain Injury After Experimental Subarachnoid Hemorrhage (eSAH). *Transl Stroke Res.* 2017 Apr;8(2):144-156. doi: 10.1007/s12975-016-0485-3. Epub 2016 Aug 1. PubMed PMID: 27477569.
- 196: Schindler K, Rummel C, Andrzejak RG, Goodfellow M, Zubler F, Abela E, Wiest R, Pollo C, Steimer A, Gast H. Ictal time-irreversible intracranial EEG signals as markers of the epileptogenic zone. *Clin Neurophysiol.* 2016 Sep;127(9):3051-3058. doi: 10.1016/j.clinph.2016.07.001. Epub 2016 Jul 12. PubMed PMID: 27472540.
- 197: Fiehler J, Cognard C, Gallitelli M, Jansen O, Kobayashi A, Mattle HP, Muir KW, Mazighi M, Schaller K, Schellinger PD. European Recommendations on Organisation of Interventional Care in Acute Stroke (EROICAS). *Int J Stroke.* 2016 Aug;11(6):701-16. doi: 10.1177/1747493016647735. PubMed PMID: 27462090.
- 198: Anderegg L, Gralla J, Andres RH, Weber S, Schroth G, Beck J, Widmer HR, Reinert M, Raabe A, Peterhans M. Stereolithographic models in the interdisciplinary planning of treatment for complex intracranial aneurysms. *Acta Neurochir (Wien).* 2016 Sep;158(9):1711-20. doi: 10.1007/s00701-016-2892-3. Epub 2016 Jul 14. PubMed PMID: 27416860.
- 199: Zinn PO, Hatami M, Youssef E, Thomas GA, Luedi MM, Singh SK, Colen RR. Diffusion Weighted Magnetic Resonance Imaging Radiophenotypes and Associated Molecular Pathways in Glioblastoma. *Neurosurgery.* 2016 Aug;63 Suppl 1:127-135. doi: 10.1227/NEU.0000000000001302. PubMed PMID: 27399377.
- 200: Reitmeir R, Eyding J, Oertel MF, Wiest R, Gralla J, Fischer U, Giquel PY, Weber S, Raabe A, Mattle HP, Z'Graggen WJ, Beck J. Is ultrasound perfusion imaging capable of detecting mismatch? A proof-of-

- concept study in acute stroke patients. *J Cereb Blood Flow Metab.* 2017 Apr;37(4):1517-1526. doi: 10.1177/0271678x16657574. Epub 2016 Jan 1. PubMed PMID: 27389180; PubMed Central PMCID: PMC5453469.
- 201: Fiechter M, Hewer E, Knecht U, Wiest R, Beck J, Raabe A, Oertel MF. Adult anaplastic pilocytic astrocytoma - a diagnostic challenge? A case series and literature review. *Clin Neurol Neurosurg.* 2016 Aug;147:98-104. doi: 10.1016/j.clineuro.2016.06.005. Epub 2016 Jun 6. Review. PubMed PMID: 27341279.
- 202: Bouaicha S, Slankamenac K, Moor BK, Tok S, Andreisek G, Finkenstaedt T. Cross-Sectional Area of the Rotator Cuff Muscles in MRI - Is there Evidence for a Biomechanical Balanced Shoulder? *PLoS One.* 2016 Jun 23;11(6):e0157946. doi: 10.1371/journal.pone.0157946. eCollection 2016. PubMed PMID: 27336464; PubMed Central PMCID: PMC4918939.
- 203: Pérez-Beteta J, Martínez-González A, Molina D, Amo-Salas M, Luque B, Arregui E, Calvo M, Borrás JM, López C, Claramonte M, Barcia JA, Iglesias L, Avecillas J, Albillo D, Navarro M, Villanueva JM, Paniagua JC, Martino J, Velásquez C, Asenjo B, Benavides M, Herruzo I, Delgado MD, Del Valle A, Falkov A, Schucht P, Arana E, Pérez-Romasanta L, Pérez-García VM. Glioblastoma: does the pre-treatment geometry matter? A postcontrast T1 MRI-based study. *Eur Radiol.* 2017 Mar;27(3):1096-1104. doi: 10.1007/s00330-016-4453-9. Epub 2016 Jun 21. PubMed PMID: 27329522.
- 204: Dichgans M, Planas AM, Biessels GJ, van der Worp B, Sudlow C, Norrving B, Lees K, Mattle HP. Third European Stroke Science Workshop. *Stroke.* 2016 Jul;47(7):e178-86. doi: 10.1161/STROKEAHA.116.013516. Epub 2016 Jun 9. PubMed PMID: 27283200.
- 205: Pouyatos B, Nemoz C, Chabrol T, Potez M, Bräuer E, Renaud L, Pernet-Gallay K, Estève F, David O, Kahane P, Laissue JA, Depaulis A, Serduc R. Synchrotron X-ray microtransections: a non invasive approach for epileptic seizures arising from eloquent cortical areas. *Sci Rep.* 2016 Jun 6;6:27250. doi: 10.1038/srep27250. PubMed PMID: 27264273; PubMed Central PMCID: PMC4893707.
- 206: Rieber J, Streblow J, Uhlmann L, Flentje M, Duma M, Ernst I, Blanck O, Wittig A, Boda-Heggemann J, Krempien R, Lohaus F, Klass ND, Eble MJ, Imhoff D, Kahl H, Petersen C, Gerum S, Henkenberens C, Adebahr S, Hass P, Schrade E, Wendt TG, Hildebrandt G, Andratschke N, Sterzing F, Guckenberger M. Stereotactic body radiotherapy (SBRT) for medically inoperable lung metastases-A pooled analysis of the German working group "stereotactic radiotherapy". *Lung Cancer.* 2016 Jul;97:51-8. doi: 10.1016/j.lungcan.2016.04.012. Epub 2016 Apr 26. PubMed PMID: 27237028.
- 207: Schwalbe M, Haine A, Schindewolf M, von Tengg-Kobligh H, Williamson T, Weber S, Baumgartner I, Fuss T. Feasibility of stereotactic MRI-based image guidance for the treatment of vascular malformations: a phantom study. *Int J Comput Assist Radiol Surg.* 2016 Dec;11(12):2207-2215. Epub 2016 May 27. PubMed PMID: 27234374.
- 208: Di Santo S, Widmer HR. Paracrine factors for neurodegenerative disorders: special emphasis on Parkinson's disease. *Neural Regen Res.* 2016 Apr;11(4):570-1. doi: 10.4103/1673-5374.180739. PubMed PMID: 27212915; PubMed Central PMCID: PMC4870911.
- 209: Goldberg J, Beck J, Bervini D. Dural Arteriovenous Fistula Mimicking a Supratentorial Tumor. *World Neurosurg.* 2016 Aug;92:585.e1-585.e3. doi: 10.1016/j.wneu.2016.05.027. Epub 2016 May 18. PubMed PMID: 27208851.
- 210: Sadovnick AD, Traboulsee AL, Bernales CQ, Ross JP, Forwell AL, Yee IM, Guillot-Noel L, Fontaine B, Cournu-Rebeix I, Alcina A, Fedetz M, Izquierdo G, Matesanz F, Hilven K, Dubois B, Goris A, Astobiza I, Alloza I, Antigüedad A, Vandenbroeck K, Akkad DA, Aktas O, Blaschke P, Buttmann M, Chan A,

Epplen JT, Gerdes LA, Kroner A, Kubisch C, Kümpfel T, Lohse P, Rieckmann P, Zettl UK, Zipp F, Bertram L, Lill CM, Fernandez O, Urbaneja P, Leyva L, Alvarez-Cermeño JC, Arroyo R, Garagorri AM, García-Martínez A, Villar LM, Urcelay E, Malhotra S, Montalban X, Comabella M, Berger T, Fazekas F, Reindl M, Schmied MC, Zimprich A, Vilariño-Güell C. Analysis of Plasminogen Genetic Variants in Multiple Sclerosis Patients. G3 (Bethesda). 2016 Jul 7;6(7):2073-9. doi: 10.1534/g3.116.030841. PubMed PMID: 27194806; PubMed Central PMCID: PMC4938660.

211: Zuccarella-Hackl C, von Känel R, Thomas L, Hauser M, Kuebler U, Widmer HR, Wirtz PH. Macrophage Superoxide Anion Production in Essential Hypertension: Associations With Biological and Psychological Cardiovascular Risk Factors. *Psychosom Med*. 2016 Jul-Aug;78(6):750-7. doi: 10.1097/PSY.0000000000000324. PubMed PMID: 27187852.

212: Tinuper P, Bisulli F, Cross JH, Hesdorffer D, Kahane P, Nobili L, Provini F, Scheffer IE, Tassi L, Vignatelli L, Bassetti C, Cirignotta F, Derry C, Gambardella A, Guerrini R, Halasz P, Licchetta L, Mahowald M, Manni R, Marini C, Mostacci B, Naldi I, Parrino L, Picard F, Pugliatti M, Ryvlin P, Vigevano F, Zucconi M, Berkovic S, Ottman R. Definition and diagnostic criteria of sleep-related hypermotor epilepsy. *Neurology*. 2016 May 10;86(19):1834-42. doi: 10.1212/WNL.0000000000002666. Epub 2016 Apr 15. Review. PubMed PMID: 27164717; PubMed Central PMCID: PMC4862248.

213: Puente de la Vega Costa K, Gómez Perez MA, Roqueta C, Fischer L. Effects on hemodynamic variables and echocardiographic parameters after a stellate ganglion block in 15 healthy volunteers. *Auton Neurosci*. 2016 May;197:46-55. doi: 10.1016/j.autneu.2016.04.002. Epub 2016 Apr 16. PubMed PMID: 27143533.

214: Jenny B, Smoll N, El Hassani Y, Momjian S, Pollo C, Korff CM, Seeck M, Schaller K. Pediatric epilepsy surgery: could age be a predictor of outcomes? *J Neurosurg Pediatr*. 2016 Aug;18(2):235-41. doi: 10.3171/2015.10.PEDS14413. Epub 2016 Apr 29. PubMed PMID: 27128787.

215: Z'Graggen WJ, Trautmann JP, Bostock H. Force training induces changes in human muscle membrane properties. *Muscle Nerve*. 2016 Jun;54(1):144-6. doi: 10.1002/mus.25149. PubMed PMID: 27104654.

216: González JA, Iordanidou P, Strom M, Adamantidis A, Burdakov D. Awake dynamics and brain-wide direct inputs of hypothalamic MCH and orexin networks. *Nat Commun*. 2016 Apr 22;7:11395. doi: 10.1038/ncomms11395. PubMed PMID: 27102565; PubMed Central PMCID: PMC4844703.

217: Seiler S, Di Santo S, Widmer HR. Nogo-A Neutralization Improves Graft Function in a Rat Model of Parkinson's Disease. *Front Cell Neurosci*. 2016 Apr 5;10:87. doi: 10.3389/fncel.2016.00087. eCollection 2016. PubMed PMID: 27092052; PubMed Central PMCID: PMC4821173.

218: Schär RT, Fiechter M, Z'Graggen WJ, Söll N, Krejci V, Wiest R, Raabe A, Beck J. No Routine Postoperative Head CT following Elective Craniotomy-A Paradigm Shift? *PLoS One*. 2016 Apr 14;11(4):e0153499. doi: 10.1371/journal.pone.0153499. eCollection 2016. PubMed PMID: 27077906; PubMed Central PMCID: PMC4831779.

219: Berger D, Bloechlinger S, von Haehling S, Doehner W, Takala J, Z'Graggen WJ, Schefold JC. Dysfunction of respiratory muscles in critically ill patients on the intensive care unit. *J Cachexia Sarcopenia Muscle*. 2016 Sep;7(4):403-12. doi: 10.1002/jcsm.12108. Epub 2016 Mar 9. Review. PubMed PMID: 27030815; PubMed Central PMCID: PMC4788634.

220: Hewer E, Knecht U, Ulrich CT. Two adult cases of massively calcified low-grade glioma: expanding clinical spectrum of an emerging entity. *Neuropathology*. 2016 Oct;36(5):508-509. doi: 10.1111/neup.12288. Epub 2016 Mar 16. PubMed PMID: 26991895.

221: Thurston RC, Matthews KA, Chang Y, Santoro N, Barinas-Mitchell E, von Känel R, Landsittel DP, Jennings JR. Changes in heart rate variability during vasomotor symptoms among midlife women. *Menopause*. 2016 May;23(5):499-505. doi: 10.1097/GME.0000000000000586. PubMed PMID: 26926327; PubMed Central PMCID: PMC4844776.

222: Alicandri-Ciufelli M, Anschuetz L, Presutti L, Villari D, Marchioni D. Letter to the Editor "Is endoscopic ear surgery an alternative to the modified Bondy technique for limited epitympanic cholesteatoma?" by Prasad et al. *Eur Arch Otorhinolaryngol*. 2016 Sep;273(9):2863-4. doi: 10.1007/s00405-016-3952-2. Epub 2016 Feb 29. PubMed PMID: 26924740.

223: Sturm D, Orr BA, Toprak UH, Hovestadt V, Jones DTW, Capper D, Sill M, Buchhalter I, Northcott PA, Leis I, Ryzhova M, Koelsche C, Pfaff E, Allen SJ, Balasubramanian G, Worst BC, Pajtler KW, Brabetz S, Johann PD, Sahm F, Reimand J, Mackay A, Carvalho DM, Remke M, Phillips JJ, Perry A, Cowdrey C, Drissi R, Fouladi M, Giangaspero F, Łastowska M, Grajkowska W, Scheurlen W, Pietsch T, Hagel C, Gojo J, Lötsch D, Berger W, Slavc I, Haberler C, Jouvet A, Holm S, Hofer S, Prinz M, Keohane C, Fried I, Mawrin C, Scheie D, Mobley BC, Schniederjan MJ, Santi M, Buccoliero AM, Dahiya S, Kramm CM, von Bueren AO, von Hoff K, Rutkowski S, Herold-Mende C, Frühwald MC, Milde T, Hasselblatt M, Wesseling P, Rößler J, Schüller U, Ebinger M, Schittenhelm J, Frank S, Grobholz R, Vajtai I, Hans V, Schneppenheim R, Zitterbart K, Collins VP, Aronica E, Varlet P, Puget S, Dufour C, Grill J, Figarella-Branger D, Wolter M, Schuhmann MU, Shalaby T, Grotzer M, van Meter T, Monoranu CM, Felsberg J, Reifenberger G, Snuderl M, Forrester LA, Koster J, Versteeg R, Volckmann R, van Sluis P, Wolf S, Mikkelsen T, Gajjar A, Aldape K, Moore AS, Taylor MD, Jones C, Jabado N, Karajannis MA, Eils R, Schlesner M, Lichter P, von Deimling A, Pfister SM, Ellison DW, Korshunov A, Kool M. New Brain Tumor Entities Emerge from Molecular Classification of CNS-PNETs. *Cell*. 2016 Feb 25;164(5):1060-1072. doi: 10.1016/j.cell.2016.01.015. PubMed PMID: 26919435; PubMed Central PMCID: PMC5139621.

224: Liu ZH, Huo JL, Wu ZG, Sun Z, Bai F, Samartzis D, Gantenbein B, Fan SD, Wang HQ. RASSF7 expression and its regulatory roles on apoptosis in human intervertebral disc degeneration. *Int J Clin Exp Pathol*. 2015 Dec 1;8(12):16097-103. eCollection 2015. PubMed PMID: 26884887; PubMed Central PMCID: PMC4730100.

225: Gallay MN, Moser D, Rossi F, Pourtehrani P, Magara AE, Kowalski M, Arnold A, Jeanmonod D. Incisionless transcranial MR-guided focused ultrasound in essential tremor: cerebellothalamic tractotomy. *J Ther Ultrasound*. 2016 Feb 13;4:5. doi: 10.1186/s40349-016-0049-8. eCollection 2016. PubMed PMID: 26877873; PubMed Central PMCID: PMC4752806.

226: Menovsky T, Sener S, Kamerling N, Plazier M, Boogaarts J, Lukes A. Preservation and Microsurgical Repair of the Superficial Temporal Artery During Pterional Craniotomy. *World Neurosurg*. 2016 May;89:72-7. doi: 10.1016/j.wneu.2016.01.012. Epub 2016 Feb 11. PubMed PMID: 26875427.

227: Fung C, Murek M, Klinger-Gratz PP, Fiechter M, Z'Graggen WJ, Gautschi OP, El-Koussy M, Gralla J, Schaller K, Zbinden M, Arnold M, Fischer U, Mattle HP, Raabe A, Beck J. Effect of Decompressive Craniectomy on Perihematomal Edema in Patients with Intracerebral Hemorrhage. *PLoS One*. 2016 Feb 12;11(2):e0149169. doi: 10.1371/journal.pone.0149169. eCollection 2016. PubMed PMID: 26872068; PubMed Central PMCID: PMC4752325.

228: Zuercher P, Groen JL, Aries MJ, Steyerberg EW, Maas AI, Ercole A, Menon DK. Reliability and Validity of the Therapy Intensity Level Scale: Analysis of Clinimetric Properties of a Novel Approach to Assess Management of Intracranial Pressure in Traumatic Brain Injury. *J Neurotrauma*. 2016 Oct 1;33(19):1768-1774. Epub 2016 Feb 11. PubMed PMID: 26866876.

229: Gross T, Schneider MP, Bachmann LM, Blok BF, Groen J, Hoen LA, Castro-Diaz D, Padilla

Fernández B, Del Popolo G, Musco S, Hamid R, Ecclestone H, Karsenty G, Phé V, Pannek J, Kessler TM. Transcutaneous Electrical Nerve Stimulation for Treating Neurogenic Lower Urinary Tract Dysfunction: A Systematic Review. *Eur Urol*. 2016 Jun;69(6):1102-11. doi: 10.1016/j.eururo.2016.01.010. Epub 2016 Jan 29. Review. PubMed PMID: 26831506.

230: Wiegand J, Hickson L, Merz TM. Indicators of external ventricular drainage-related infections—a retrospective observational study. *Acta Neurochir (Wien)*. 2016 Mar;158(3):595-601; discussion 601. doi: 10.1007/s00701-016-2709-4. Epub 2016 Jan 25. PubMed PMID: 26811299.

231: Sauter AR, Romundstad L. Animal models can help us prevent nerve injuries in regional anaesthesia for patients. *Acta Anaesthesiol Scand*. 2016 Mar;60(3):284-8. doi: 10.1111/aas.12680. PubMed PMID: 26806955.

232: Lemmens R, Hamilton SA, Liebeskind DS, Tomsick TA, Demchuk AM, Nogueira RG, Marks MP, Jahan R, Gralla J, Yoo AJ, Yeatts SD, Palesch YY, Saver JL, Pereira VM, Broderick JP, Albers GW, Lansberg MG; DEFUSE 2, IMS III, STAR, and SWIFT trialists; DEFUSE 2 IMS III STAR and SWIFT trialists. Effect of endovascular reperfusion in relation to site of arterial occlusion. *Neurology*. 2016 Feb 23;86(8):762-70. doi: 10.1212/WNL.0000000000002399. Epub 2016 Jan 22. PubMed PMID: 26802090; PubMed Central PMCID: PMC4763803.

233: Zehnder P, Aghayev E, Fekete TF, Haschtmann D, Pigott T, Mannion AF. Influence of previous surgery on patient-rated outcome after surgery for degenerative disorders of the lumbar spine. *Eur Spine J*. 2016 Aug;25(8):2553-62. doi: 10.1007/s00586-016-4383-x. Epub 2016 Jan 22. PubMed PMID: 26801193.

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

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

Gavathiotis E, Ge L, Ge P, Ge S, Gean PW, Gelmetti V, Genazzani AA, Geng J, Genschik P, Gerner L, Gestwicki JE, Gewirtz DA, Ghavami S, Ghigo E, Ghosh D, Giammarioli AM, Giampieri F, Giampietri C, Giatromanolaki A, Gibbings DJ, Gibellini L, Gibson SB, Ginet V, Giordano A, Giorgini F, Giovannetti E, Girardin SE, Gispert S, Giuliano S, Gladson CL, Glavic A, Gleave M, Godefroy N, Gogal RM Jr, Gokulan K, Goldman GH, Goletti D, Goligorsky MS, Gomes AV, Gomes LC, Gomez H, Gomez-Manzano C, Gómez-Sánchez R, Gonçalves DA, Goncu E, Gong Q, Gongora C, Gonzalez CB, Gonzalez-Alegre P, Gonzalez-Cabo P, González-Polo RA, Goping IS, Gorbea C, Gorbunov NV, Goring DR, Gorman AM, Gorski SM, Goruppi S, Goto-Yamada S, Gotor C, Gottlieb RA, Gozes I, Gozuacik D, Graba Y, Graef M, Granato GE, Grant GD, Grant S, Gravina GL, Green DR, Greenhough A, Greenwood MT, Grimaldi B, Gros F, Grose C, Groulx JF, Gruber F, Grumati P, Grune T, Guan JL, Guan KL, Guerra B, Guillen C, Gulshan K, Gunst J, Guo C, Guo L, Guo M, Guo W, Guo XG, Gust AA, Gustafsson ÅB, Gutierrez E, Gutierrez MG, Gwak HS, Haas A, Haber JE, Hadano S, Hagedorn M, Hahn DR, Halayko AJ, Hamacher-Brady A, Hamada K, Hamai A, Hamann A, Hamasaki M, Hamer I, Hamid Q, Hammond EM, Han F, Han W, Handa JT, Hanover JA, Hansen M, Harada M, Harhaji-Trajkovic L, Harper JW, Harrath AH, Harris AL, Harris J, Hasler U, Hasselblatt P, Hasui K, Hawley RG, Hawley TS, He C, He CY, He F, He G, He RR, He XH, He YW, He YY, Heath JK, Hébert MJ, Heinzen RA, Helgason GV, Hensel M, Henske EP, Her C, Herman PK, Hernández A, Hernandez C, Hernández-Tiedra S, Hetz C, Hiesinger PR, Higaki K, Hilfiker S, Hill BG, Hill JA, Hill WD, Hino K, Hofius D, Hofman P, Höglinger GU, Höhfeld J, Holz MK, Hong Y, Hood DA, Hoozemans JJ, Hoppe T, Hsu C, Hsu CY, Hsu LC, Hu D, Hu G, Hu HM, Hu H, Hu MC, Hu YC, Hu ZW, Hua F, Hua Y, Huang C, Huang HL, Huang KH, Huang KY, Huang S, Huang S, Huang WP, Huang YR, Huang Y, Huang Y, Huber TB, Huebbe P, Huh WK, Hulmi JJ, Hur GM, Hurley JH, Husak Z, Hussain SN, Hussain S, Hwang JJ, Hwang S, Hwang TI, Ichihara A, Imai Y, Imbriano C, Inomata M, Into T, Iovane V, Iovanna JL, Iozzo RV, Ip NY, Irazoqui JE, Iribarren P, Isaka Y, Isakovic AJ, Ischiropoulos H, Isenberg JS, Ishaq M, Ishida H, Ishii I, Ishmael JE, Isidoro C, Isobe K, Isono E, Issazadeh-Navikas S, Itahana K, Itakura E, Ivanov AI, Iyer AK, Izquierdo JM, Izumi Y, Izzo V, Jäättelä M, Jaber N, Jackson DJ, Jackson WT, Jacob TG, Jacques TS, Jagannath C, Jain A, Jana NR, Jang BK, Jani A, Janji B, Jannig PR, Jansson PJ, Jean S, Jendrach M, Jeon JH, Jessen N, Jeung EB, Jia K, Jia L, Jiang H, Jiang H, Jiang L, Jiang T, Jiang X, Jiang X, Jiang X, Jiang Y, Jiang Y, Jiménez A, Jin C, Jin H, Jin L, Jin M, Jin S, Jinwal UK, Jo EK, Johansen T, Johnson DE, Johnson GV, Johnson JD, Jonasch E, Jones C, Joosten LA, Jordan J, Joseph AM, Joseph B, Joubert AM, Ju D, Ju J, Juan HF, Juenemann K, Juhász G, Jung HS, Jung JU, Jung YK, Jungbluth H, Justice MJ, Jutten B, Kaakoush NO, Kaarniranta K, Kaasik A, Kabuta T, Kaeffer B, Kågedal K, Kahana A, Kajimura S, Kakhlon O, Kalia M, Kalvakolanu DV, Kamada Y, Kambas K, Kaminsky VO, Kampinga HH, Kandouz M, Kang C, Kang R, Kang TC, Kanki T, Kanneganti TD, Kanno H, Kanthasamy AG, Kantorow M, Kaparakis-Liaskos M, Kapuy O, Karantza V, Karim MR, Karmakar P, Kaser A, Kaushik S, Kawula T, Kaynar AM, Ke PY, Ke ZJ, Kehrl JH, Keller KE, Kemper JK, Kenworthy AK, Kepp O, Kern A, Kesari S, Kessel D, Ketteler R, Kettelhut Ido C, Khambu B, Khan MM, Khandelwal VK, Khare S, Kiang JG, Kiger AA, Kihara A, Kim AL, Kim CH, Kim DR, Kim DH, Kim EK, Kim HY, Kim HR, Kim JS, Kim JH, Kim JC, Kim JH, Kim KW, Kim MD, Kim MM, Kim PK, Kim SW, Kim SY, Kim YS, Kim Y, Kimchi A, Kimmelman AC, Kimura T, King JS, Kirkegaard K, Kirkin V, Kirshenbaum LA, Kishi S, Kitajima Y, Kitamoto K, Kitaoka Y, Kitazato K, Kley RA, Klimecki WT, Klinkenberg M, Klucken J, Knævelsrud H, Knecht E, Knuppertz L, Ko JL, Kobayashi S, Koch JC, Koechlin-Ramonatxo C, Koenig U, Koh YH, Köhler K, Kohlwein SD, Koike M, Komatsu M, Kominami E, Kong D, Kong HJ, Konstantakou EG, Kopp BT, Korcsmaros T, Korhonen L, Korolchuk VI, Koshkina NV, Kou Y, Koukourakis MI, Koumenis C, Kovács AL, Kovács T, Kovacs WJ, Koya D, Kraft C, Krainc D, Kramer H, Kravic-Stevovic T, Krek W, Kretz-Remy C, Krick R, Krishnamurthy M, Kriston-Vizi J, Kroemer G, Kruer MC, Kruger R, Ktistakis NT, Kuchitsu K, Kuhn C, Kumar AP, Kumar A, Kumar A, Kumar D, Kumar D, Kumar R, Kumar S, Kundu M, Kung HJ, Kuno A, Kuo SH, Kuret J, Kurz T, Kwok T, Kwon TK, Kwon YT, Kyrmizi I, La Spada AR, Lafont F, Lahm T, Lakkaraju A, Lam T, Lamark T, Lancel S, Landowski TH, Lane DJ, Lane JD, Lanzi C, Lapaquette P, Lapierre LR, Laporte J, Laukkanen J, Laurie GW, Lavandero S, Lavie L, LaVoie MJ, Law BY, Law HK, Law KB, Layfield R, Lazo PA, Le Cam L, Le Roch KG, Le Stunff H, Leardkamolkarn V, Lecuit M, Lee BH, Lee CH, Lee EF, Lee GM, Lee HJ, Lee H, Lee JK, Lee J, Lee JH, Lee JH, Lee M, Lee MS, Lee PJ, Lee SW, Lee SJ, Lee SJ, Lee SY, Lee SH, Lee SS, Lee SJ, Lee S,

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

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

Endothelial Progenitor Cell-Conditioned Medium Against an Ischemic Insult Are Not Dependent on VEGF and IL-8. *Cell Transplant.* 2016;25(4):735-47. doi: 10.3727/096368916x690458. Epub 2016 Jan 15. PubMed PMID: 26776768.

237: Wiesmann T, Piechowiak K, Duderstadt S, Haupt D, Schmitt J, Eschbach D, Feldmann C, Wulf H, Zoremba M, Steinfeldt T. Continuous adductor canal block versus continuous femoral nerve block after total knee arthroplasty for mobilisation capability and pain treatment: a randomised and blinded clinical trial. *Arch Orthop Trauma Surg.* 2016 Mar;136(3):397-406. doi: 10.1007/s00402-015-2403-7. Epub 2016 Jan 11. PubMed PMID: 26754752.

238: Vasiliadis HS, Nikolakopoulou A, Shrier I, Lunn MP, Brassington R, Scholten RJ, Salanti G. Endoscopic and Open Release Similarly Safe for the Treatment of Carpal Tunnel Syndrome. A Systematic Review and Meta-Analysis. *PLoS One.* 2015 Dec 16;10(12):e0143683. doi: 10.1371/journal.pone.0143683. eCollection 2015. Review. PubMed PMID: 26674211; PubMed Central PMCID: PMC4682940.

239: O'Donnell JM, Morgan MK, Bervini D, Heller GZ, Assaad N. The Risk of Seizure After Surgery for Unruptured Intracranial Aneurysms: A Prospective Cohort Study. *Neurosurgery.* 2016 Aug;79(2):222-30. doi: 10.1227/NEU.0000000000001176. PubMed PMID: 26671633.

240: Bosemani T, Steinlin M, Toelle SP, Beck J, Boltshauser E, Huisman TA, Poretti A. Pseudotumoral hemicerebellitis as a mimicker of Lhermitte-Duclos disease in children: does neuroimaging help to differentiate them? *Childs Nerv Syst.* 2016 May;32(5):865-71. doi: 10.1007/s00381-015-2977-y. Epub 2015 Dec 9. PubMed PMID: 26649682.

241: Wenger M, Markwalder TM. Heterotopic ossification associated with myelopathy following cervical disc prosthesis implantation. *J Clin Neurosci.* 2016 Apr;26:154-6. doi: 10.1016/j.jocn.2015.09.016. Epub 2015 Nov 26. PubMed PMID: 26633091.

242: Jennings JM, Randell TR, Green CL, Zheng G, Wellman SS. Independent Evaluation of a Mechanical Hip Socket Navigation System in Total Hip Arthroplasty. *J Arthroplasty.* 2016 Mar;31(3):658-61. doi: 10.1016/j.arth.2015.09.052. Epub 2015 Oct 9. PubMed PMID: 26614747.

243: Slater LA, Coutinho JM, Gralla J, Nogueira RG, Bonafé A, Dávalos A, Jahan R, Levy E, Baxter BJ, Saver JL, Pereira VM; STAR and SWIFT investigators. TICl and Age: What's the Score? *AJNR Am J Neuroradiol.* 2016 May;37(5):838-43. doi: 10.3174/ajnr.A4618. Epub 2015 Nov 26. PubMed PMID: 26611995.

244: Raabe A, Seidel K. Prevention of ischemic complications during aneurysm surgery. *J Neurosurg Sci.* 2016 Mar;60(1):95-103. Epub 2015 Nov 24. Review. PubMed PMID: 26606432.

245: Coutinho JM, Liebeskind DS, Slater LA, Nogueira RG, Baxter BW, Levy EI, Siddiqui AH, Goyal M, Zaidat OO, Dávalos A, Bonafé A, Jahan R, Gralla J, Saver JL, Pereira VM. Mechanical Thrombectomy for Isolated M2 Occlusions: A Post Hoc Analysis of the STAR, SWIFT, and SWIFT PRIME Studies. *AJNR Am J Neuroradiol.* 2016 Apr;37(4):667-72. doi: 10.3174/ajnr.A4591. Epub 2015 Nov 12. PubMed PMID: 26564442.

246: Gritti P, Cazzaniga S, Castioni CA, Lorini FL, Velly LJ, Bilotta F; European Neuroanaesthesia, Critical Care Interest Group (ENIG). Variability by country in the European Neuroanaesthesia and Critical Care Interest Group subarachnoid haemorrhage survey. *Eur J Anaesthesiol.* 2016 May;33(5):387-90. doi: 10.1097/EJA.0000000000000368. PubMed PMID: 26535558.

247: Moro E, Schüpbach M, Wächter T, Allert N, Eleopra R, Honey CR, Rueda M, Schiess MC, Shimo Y,

Valkovic P, Whone A, Stoevelaar H. Referring Parkinson's disease patients for deep brain stimulation: a RAND/UCLA appropriateness study. *J Neurol*. 2016 Jan;263(1):112-9. doi: 10.1007/s00415-015-7942-x. Epub 2015 Nov 3. PubMed PMID: 26530503; PubMed Central PMCID: PMC4723622.

248: Fiechter M, Fichtner J, Feiler S, Olariu R, Beck J, Raabe A, Ulrich CT. "Dinosaur spine" in ankylosing spondylitis: case illustration. *J Neurosurg Spine*. 2016 Feb;24(2):321-322. doi: 10.3171/2015.6.SPINE15152. Epub 2015 Oct 30. PubMed PMID: 26516665.

249: Rummel C, Abela E, Andrzejak RG, Hauf M, Pollo C, Müller M, Weisstanner C, Wiest R, Schindler K. Resected Brain Tissue, Seizure Onset Zone and Quantitative EEG Measures: Towards Prediction of Post-Surgical Seizure Control. *PLoS One*. 2015 Oct 29;10(10):e0141023. doi: 10.1371/journal.pone.0141023. eCollection 2015. PubMed PMID: 26513359; PubMed Central PMCID: PMC4626164.

250: Seiler S, Widmer HR. Nogo-A and its functions beyond axonal inhibition: the controversial role of Nogo-A in Parkinson's disease. *Neural Regen Res*. 2015 Aug;10(8):1223-4. doi: 10.4103/1673-5374.162749. PubMed PMID: 26487844; PubMed Central PMCID: PMC4590229.

251: Albers GW, Goyal M, Jahan R, Bonafe A, Diener HC, Levy EI, Pereira VM, Cognard C, Cohen DJ, Hacke W, Jansen O, Jovin TG, Mattle HP, Nogueira RG, Siddiqui AH, Yavagal DR, Baxter BW, Devlin TG, Lopes DK, Reddy VK, de Rochemont Rdu M, Singer OC, Bammer R, Saver JL. Ischemic core and hypoperfusion volumes predict infarct size in SWIFT PRIME. *Ann Neurol*. 2016 Jan;79(1):76-89. doi: 10.1002/ana.24543. Epub 2015 Dec 12. PubMed PMID: 26476022.

252: Kocher GJ, Poulson JL, Blichfeldt-Eckhardt MR, Elle B, Schmid RA, Licht PB. The importance of phrenic nerve preservation and its effect on long-term postoperative lung function after pneumonectomy. *Eur J Cardiothorac Surg*. 2016 Apr;49(4):1059-62. doi: 10.1093/ejcts/ezv334. Epub 2015 Sep 23. PubMed PMID: 26405235.

253: Fung C, Inglin F, Murek M, Balmer M, Abu-Isa J, Z'Graggen WJ, Ozdoba C, Gralla J, Jakob SM, Takala J, Beck J, Raabe A. Reconsidering the logic of World Federation of Neurosurgical Societies grading in patients with severe subarachnoid hemorrhage. *J Neurosurg*. 2016 Feb;124(2):299-304. doi: 10.3171/2015.2.JNS14614. Epub 2015 Sep 18. PubMed PMID: 26381248.

254: Nowacki A, Fiechter M, Fichtner J, Debove I, Lachenmayer L, Schüpbach M, Oertel MF, Wiest R, Pollo C. Using MDEFT MRI Sequences to Target the GPI in DBS Surgery. *PLoS One*. 2015 Sep 14;10(9):e0137868. doi: 10.1371/journal.pone.0137868. eCollection 2015. PubMed PMID: 26366574; PubMed Central PMCID: PMC4569189.

255: Noussitou FL, Gorgas D, Rohrbach H, Henke D, Howard J, Forterre F. Assessment of Intramedullary Spinal Pressure in Small Breed Dogs With Thoracolumbar Disk Extrusion Undergoing Hemilaminectomy. *Vet Surg*. 2015 Nov;44(8):944-8. doi: 10.1111/vsu.12399. Epub 2015 Sep 10. PubMed PMID: 26358818.

256: Rossi-Mossuti F, Fisch U, Schoettker P, Gugliotta M, Morard M, Schucht P, Schatlo B, Levivier M, Walder B, Fandino J. Surgical Treatment of Severe Traumatic Brain Injury in Switzerland: Results from a Multicenter Study. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Jan;77(1):36-45. doi: 10.1055/s-0035-1563556. Epub 2015 Sep 9. PubMed PMID: 26351872.

257: Seiler S, Di Santo S, Widmer HR. Non-canonical actions of Nogo-A and its receptors. *Biochem Pharmacol*. 2016 Jan 15;100:28-39. doi: 10.1016/j.bcp.2015.08.113. Epub 2015 Sep 4. Review. PubMed PMID: 26348872.

- 258: Adamantidis A, Arber S, Bains JS, Bamberg E, Bonci A, Buzsáki G, Cardin JA, Costa RM, Dan Y, Goda Y, Graybiel AM, Häusser M, Hegemann P, Huguenard JR, Insel TR, Janak PH, Johnston D, Josselyn SA, Koch C, Kreitzer AC, Lüscher C, Malenka RC, Miesenböck G, Nagel G, Roska B, Schnitzer MJ, Shenoy KV, Soltesz I, Sternson SM, Tsien RW, Tsien RY, Turrigiano GG, Tye KM, Wilson RI. Optogenetics: 10 years after ChR2 in neurons—views from the community. *Nat Neurosci*. 2015 Sep;18(9):1202-12. doi: 10.1038/nn.4106. Review. PubMed PMID: 26308981.
- 259: Krähenbühl AK, Baldauf J, Guhl S, Gaab MR, Schroeder HW. Endoscopic Biopsy for Intra- and Paraventricular Tumors: Rates of Complications, Mortality, and Tumor Cell Dissemination. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Mar;77(2):93-101. doi: 10.1055/s-0035-1559809. Epub 2015 Aug 24. PubMed PMID: 26302404.
- 260: Gerster-Gilliéron K, Forrer F, Maecke H, Mueller-Brand J, Merlo A, Cordier D. 90Y-DOTATOC as a Therapeutic Option for Complex Recurrent or Progressive Meningiomas. *J Nucl Med*. 2015 Nov;56(11):1748-51. doi: 10.2967/jnumed.115.155853. Epub 2015 Aug 20. PubMed PMID: 26294303.
- 261: Fichtner J, Ulrich CT, Fung C, Knüppel C, Veitweber M, Jilch A, Schucht P, Ertl M, Schömig B, Gralla J, Z'Graggen WJ, Bernasconi C, Mattle HP, Schlachetzki F, Raabe A, Beck J. Management of spontaneous intracranial hypotension - Transorbital ultrasound as discriminator. *J Neurol Neurosurg Psychiatry*. 2016 Jun;87(6):650-5. doi: 10.1136/jnnp-2015-310853. Epub 2015 Aug 18. PubMed PMID: 26285586; PubMed Central PMCID: PMC4893146.
- 262: Bervini D, Morgan MK. Surgery for high-grade unruptured brain arteriovenous malformations: era for a new paradox? *Acta Neurochir (Wien)*. 2015 Oct;157(10):1655-6. doi: 10.1007/s00701-015-2538-x. Epub 2015 Aug 14. PubMed PMID: 26269031.
- 263: Rimoldi SF, Messerli FH, Bangalore S, Scherrer U. Resistant hypertension: what the cardiologist needs to know. *Eur Heart J*. 2015 Oct 21;36(40):2686-95. doi: 10.1093/eurheartj/ehv392. Epub 2015 Aug 10. Review. PubMed PMID: 26261296.
- 264: Ringel F, Pape H, Sabel M, Krex D, Bock HC, Misch M, Weyerbrock A, Westermaier T, Senft C, Schucht P, Meyer B, Simon M; SN1 study group. Clinical benefit from resection of Glioblastoma recurrences: results of a multicenter study including 503 patients with Glioblastoma recurrences undergoing surgical resection. *Neuro Oncol*. 2016 Jan;18(1):96-104. doi: 10.1093/neuonc/nov145. Epub 2015 Aug 4. PubMed PMID: 26243790; PubMed Central PMCID: PMC4677413.
- 265: Kunz RE, Rohrbach H, Gorgas D, Gendron K, Henke D, Forterre F. Assessment of Intrathecal Pressure in Chondrodystrophic Dogs With Acute Thoracolumbar Disk Disease. *Vet Surg*. 2015 Aug;44(6):687-93. doi: 10.1111/j.1532-950X.2014.12319.x. PubMed PMID: 26223569.
- 266: Wälchli T, Wacker A, Frei K, Regli L, Schwab ME, Hoerstrup SP, Gerhardt H, Engelhardt B. Wiring the Vascular Network with Neural Cues: A CNS Perspective. *Neuron*. 2015 Jul 15;87(2):271-96. doi: 10.1016/j.neuron.2015.06.038. Review. PubMed PMID: 26182414.
- 267: Leclère FM, Badur N, Mathys L, Vögelin E. Nerve Transfers for Persistent Traumatic Peroneal Nerve Palsy: The Inselspital Bern Experience. *Neurosurgery*. 2015 Oct;77(4):572-9; discussion 579-80. doi: 10.1227/NEU.0000000000000897. PubMed PMID: 26164725.
- 268: Sheth SA, Jahan R, Gralla J, Pereira VM, Nogueira RG, Levy EI, Zaidat OO, Saver JL; SWIFT-STAR Trialists. Time to endovascular reperfusion and degree of disability in acute stroke. *Ann Neurol*. 2015 Oct;78(4):584-93. doi: 10.1002/ana.24474. Epub 2015 Aug 17. PubMed PMID: 26153450; PubMed Central PMCID: PMC4955570.

- 269: Hsieh K, Stein K, Mono ML, Kellner-Weldon F, Verma RK, Weisstanner C, Anderegg L, Reinert M, Gralla J, Schroth G, El-Koussy M. In-vivo phase contrast magnetic resonance angiography of the cerebrovascular system: a comparative study with duplex sonography. *Swiss Med Wkly*. 2015 Jul 7;145:w14155. doi: 10.4414/smw.2015.14155. eCollection 2015. PubMed PMID: 26151805.
- 270: Mantokoudis G, Agrawal Y, Newman-Toker DE, Xie L, Saber Tehrani AS, Wong A, Schubert MC. Compensatory saccades benefit from prediction during head impulse testing in early recovery from vestibular deafferentation. *Eur Arch Otorhinolaryngol*. 2016 Jun;273(6):1379-85. doi: 10.1007/s00405-015-3685-7. Epub 2015 Jun 19. PubMed PMID: 26088345.
- 271: Anderegg L, Vajtai I, Widmer HR, Raabe A, Andres RH. Rapid Recurrence of a Benign Meningial Perineurioma. *World Neurosurg*. 2015 Dec;84(6):2074.e1-3. doi: 10.1016/j.wneu.2015.06.001. Epub 2015 Jun 11. PubMed PMID: 26072455.
- 272: Leclère FM, Badur N, Mathys L, Vögelin E. Neurotized lateral gastrocnemius muscle transfer for persistent traumatic peroneal nerve palsy: Surgical technique. *Neurochirurgie*. 2015 Aug;61(4):292-7. doi: 10.1016/j.neuchi.2014.08.001. Epub 2015 Jun 10. PubMed PMID: 26071175.
- 273: Rohner D, Forterre S, Rohrbach H, Bürki A, Gorgas D, Howard J, Forterre F. Influence of two types of self-retaining retractors on multifidus muscle blood flow during dorsolateral thoracolumbar hemilaminectomy in dogs. *Vet Comp Orthop Traumatol*. 2015;28(4):256-62. doi: 10.3415/VCOT-15-01-0008. Epub 2015 Jun 10. PubMed PMID: 26058891.
- 274: Z'graggen WJ, Trautmann JP, Boërio D, Bostock H. Muscle velocity recovery cycles: Comparison between surface and needle recordings. *Muscle Nerve*. 2016 Feb;53(2):205-8. doi: 10.1002/mus.24726. Epub 2015 Jul 2. PubMed PMID: 26044702.
- 275: Krähenbühl AK, Gralla J, Abu-Isa J, Mordasini P, Widmer HR, Raabe A, Reinert M. High-flow venous pouch aneurysm in the rabbit carotid artery: A model for large aneurysms. *Interv Neuroradiol*. 2015 Jun;21(3):407-11. doi: 10.1177/1591019915582381. Epub 2015 May 26. PubMed PMID: 26015528; PubMed Central PMCID: PMC4757261.
- 276: Hasler RM, Baschera D, Taugwalder D, Exadaktylos AK, Raabe A. Cohort Study on the Association Between Helmet Use and Traumatic Brain Injury in Snowboarders From a Swiss Tertiary Trauma Center. *World Neurosurg*. 2015 Sep;84(3):805-12. doi: 10.1016/j.wneu.2015.05.016. Epub 2015 May 21. PubMed PMID: 26004699.
- 277: Mahfoud F, Böhm M, Azizi M, Pathak A, Durand Zaleski I, Ewen S, Tsioufis K, Andersson B, Blankestijn PJ, Burnier M, Chatellier G, Gafoor S, Grassi G, Joner M, Kjeldsen SE, Lüscher TF, Lobo MD, Lotan C, Parati G, Redon J, Ruilope L, Sudano I, Ukena C, van Leeuwen E, Volpe M, Windecker S, Witkowski A, Wijns W, Zeller T, Schmieder RE. Proceedings from the European clinical consensus conference for renal denervation: considerations on future clinical trial design. *Eur Heart J*. 2015 Sep 1;36(33):2219-27. doi: 10.1093/eurheartj/ehv192. Epub 2015 May 18. PubMed PMID: 25990344.
- 278: Debette S, Compter A, Labeyrie MA, Uyttenboogaart M, Metso TM, Majersik JJ, Goeggel-Simonetti B, Engelter ST, Pezzini A, Bijlenga P, Southerland AM, Naggara 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 Jun;14(6):640-54. doi: 10.1016/S1474-4422(15)00009-5. Review. PubMed PMID: 25987283.

- 279: Mueller M, Schoeberlein A, Zhou J, Joerger-Messerli M, Oppliger B, Reinhart U, Bordey A, Surbek D, Barnea ER, Huang Y, Paidas M. Preimplantation Factor bolsters neuroprotection via modulating Protein Kinase A and Protein Kinase C signaling. *Cell Death Differ*. 2015 Dec;22(12):2078-86. doi: 10.1038/cdd.2015.55. Epub 2015 May 15. PubMed PMID: 25976303; PubMed Central PMCID: PMC4816111.
- 280: Pajtler KW, Witt H, Sill M, Jones DT, Hovestadt V, Kratochwil F, Wani K, Tatevossian R, Punchihewa C, Johann P, Reimand J, Warnatz HJ, Ryzhova M, Mack S, Ramaswamy V, Capper D, Schweizer L, Sieber L, Wittmann A, Huang Z, van Sluis P, Volckmann R, Koster J, Versteeg R, Fuhs D, Toledano H, Avigad S, Hoffman LM, Donson AM, Foreman N, Hewer E, Zitterbart K, Gilbert M, Armstrong TS, Gupta N, Allen JC, Karajannis MA, Zagzag D, Hasselblatt M, Kulozik AE, Witt O, Collins VP, von Hoff K, Rutkowski S, Pietsch T, Bader G, Yaspo ML, von Deimling A, Lichter P, Taylor MD, Gilbertson R, Ellison DW, Aldape K, Korshunov A, Kool M, Pfister SM. Molecular Classification of Ependymal Tumors across All CNS Compartments, Histopathological Grades, and Age Groups. *Cancer Cell*. 2015 May 11;27(5):728-43. doi: 10.1016/j.ccell.2015.04.002. PubMed PMID: 25965575; PubMed Central PMCID: PMC4712639.
- 281: Winkelmann A, You X, Grünwald N, Häussler U, Krestel H, Haas CA, Schwarz G, Chen W, Meier JC. Identification of a new genomic hot spot of evolutionary diversification of protein function. *PLoS One*. 2015 May 8;10(5):e0125413. doi: 10.1371/journal.pone.0125413. eCollection 2015. PubMed PMID: 25955356; PubMed Central PMCID: PMC4425505.
- 282: Studer F, Serduc R, Pouyatos B, Chabrol T, Bräuer-Krisch E, Donzelli M, Nemoz C, Laissue JA, Estève F, Depaulis A. Synchrotron X-ray microbeams: A promising tool for drug-resistant epilepsy treatment. *Phys Med*. 2015 Sep;31(6):607-14. doi: 10.1016/j.ejmp.2015.04.005. Epub 2015 Apr 29. PubMed PMID: 25934524.
- 283: Hewer E, Beck J, Kellner-Weldon F, Vajtai I. Suprasellar chordoid neoplasm with expression of thyroid transcription factor 1: evidence that chordoid glioma of the third ventricle and pituitaryoma may form part of a spectrum of lineage-related tumors of the basal forebrain. *Hum Pathol*. 2015 Jul;46(7):1045-9. doi: 10.1016/j.humpath.2015.03.005. Epub 2015 Mar 25. PubMed PMID: 25934249.
- 284: Menovsky T, Bosshart SL, Lukes A. Surgicel for microvascular decompression of the trigeminal nerve. *Acta Neurol Belg*. 2015 Dec;115(4):831-2. doi: 10.1007/s13760-014-0424-6. Epub 2015 Apr 29. PubMed PMID: 25921937.
- 285: Bastian D, Fessele K, Bednarski P, Göhl K. Interventional Laser-assisted Extraction of an Infected Trapped Ventriculoatrial Shunt Based on Techniques for Pacemaker Lead Explantation. *J Neurol Surg A Cent Eur Neurosurg*. 2016 Jan;77(1):73-6. doi: 10.1055/s-0034-1396439. Epub 2015 Apr 27. PubMed PMID: 25915491.
- 286: Wenger S, Luyet C, Garweg JG. Update on regional anaesthesia in intraocular surgery. *Klin Monbl Augenheilkd*. 2015 Apr;232(4):367-71. doi: 10.1055/s-0035-1545680. Epub 2015 Apr 22. Review. PubMed PMID: 25902077.
- 287: Nowacki A, Seidel K, Schucht P, Schindler K, Abela E, Heinemann D, Gutbrod K, Wiest R, Raabe A, Pollo C. Induction of Fear by Intraoperative Stimulation During Awake Craniotomy: Case Presentation and Systematic Review of the Literature. *World Neurosurg*. 2015 Aug;84(2):470-4. doi: 10.1016/j.wneu.2015.03.056. Epub 2015 Apr 8. Review. PubMed PMID: 25862115.
- 288: Cihoric N, Jeremic B. Elective nodal irradiation in early non-small cell lung cancer. In regard to Lao et al. *Int J Radiat Oncol Biol Phys*. 2015 Apr 1;91(5):1111-2. doi: 10.1016/j.ijrobp.2014.12.053.

PubMed PMID: 25832704.

289: Stieglitz LH, Raabe A, Beck J. Simple Accuracy Enhancing Techniques in Neuronavigation. *World Neurosurg*. 2015 Aug;84(2):580-4. doi: 10.1016/j.wneu.2015.03.025. Epub 2015 Mar 25. PubMed PMID: 25819528.

290: Fernandez-Palomo C, Mothersill C, Bräuer-Krisch E, Laissue J, Seymour C, Schültke E. γ -H2AX as a marker for dose deposition in the brain of wistar rats after synchrotron microbeam radiation. *PLoS One*. 2015 Mar 23;10(3):e0119924. doi: 10.1371/journal.pone.0119924. eCollection 2015. PubMed PMID: 25799425; PubMed Central PMCID: PMC4370487.

291: Muellner J, Gharrad I, Habert MO, Kas A, Martini JB, Cormier-Dequaire F, Tahiri K, Vidailhet M, Meier N, Brice A, Schuepbach M, Mallet A, Hartmann A, Corvol JC. Dopaminergic denervation severity depends on COMT Val158Met polymorphism in Parkinson's disease. *Parkinsonism Relat Disord*. 2015 May;21(5):471-6. doi: 10.1016/j.parkreldis.2015.02.009. Epub 2015 Feb 19. PubMed PMID: 25753458.

292: Syrbe S, Hedrich UBS, Riesch E, Djémié T, Müller S, Møller RS, Maher B, Hernandez-Hernandez L, Synofzik M, Caglayan HS, Arslan M, Serratosa JM, Nothnagel M, May P, Krause R, Löffler H, Detert K, Dorn T, Vogt H, Krämer G, Schöls L, Mullis PE, Linnankivi T, Lehesjoki AE, Sterbova K, Craiu DC, Hoffman-Zacharska D, Korff CM, Weber YG, Steinlin M, Gallati S, Bertsche A, Bernhard MK, Merckenschlager A, Kiess W; EuroEPINOMICS RES consortium, Gonzalez M, Züchner S, Palotie A, Suls A, De Jonghe P, Helbig I, Biskup S, Wolff M, Maljevic S, Schüle R, Sisodiya SM, Weckhuysen S, Lerche H, Lemke JR. De novo loss- or gain-of-function mutations in KCNA2 cause epileptic encephalopathy. *Nat Genet*. 2015 Apr;47(4):393-399. doi: 10.1038/ng.3239. Epub 2015 Mar 9. PubMed PMID: 25751627; PubMed Central PMCID: PMC4380508.

293: Liechti R, Ducray AD, Jensen P, Di Santo S, Seiler S, Jensen CH, Meyer M, Widmer HR. Characterization of fetal antigen 1/delta-like 1 homologue expressing cells in the rat nigrostriatal system: effects of a unilateral 6-hydroxydopamine lesion. *PLoS One*. 2015 Feb 27;10(2):e0116088. doi: 10.1371/journal.pone.0116088. eCollection 2015. PubMed PMID: 25723595; PubMed Central PMCID: PMC4344227.

294: Pitzschke A, Lovisa B, Seydoux O, Haenggi M, Oertel MF, Zellweger M, Tardy Y, Wagnières G. Optical properties of rabbit brain in the red and near-infrared: changes observed under in vivo, postmortem, frozen, and formalin-fixated conditions. *J Biomed Opt*. 2015 Feb;20(2):25006. doi: 10.1117/1.JBO.20.2.025006. PubMed PMID: 25706688.

295: Schucht P, Beck J, Raabe A. Response to: "Maximizing the extent of resection and survival benefit of patients in glioblastoma surgery: high-field iMRI versus conventional and 5-ALA-assisted surgery". *Eur J Surg Oncol*. 2015 Apr;41(4):604-5. doi: 10.1016/j.ejso.2014.07.044. Epub 2015 Jan 16. PubMed PMID: 25656704.

296: Schucht P, Beck J, Seidel K, Raabe A. Extending resection and preserving function: modern concepts of glioma surgery. *Swiss Med Wkly*. 2015 Feb 4;145:w14082. doi: 10.4414/smw.2015.14082. eCollection 2015. Review. PubMed PMID: 25651063.

297: Leclère FM, Bignon D, Franz T, Mathys L, Klimsa C, Vögelin E. Endoscopically assisted proximal radial nerve decompression: surgical technique. *Neurochirurgie*. 2015 Feb;61(1):30-4. doi: 10.1016/j.neuchi.2014.11.005. Epub 2015 Jan 31. PubMed PMID: 25648578.

298: Fichtner J, Beck J, Raabe A, Stieglitz LH. The Nelaton Catheter Guard for Safe and Effective Placement of Subdural Drain for Two-Burr-Hole Trephination in Chronic Subdural Hematoma: A Technical Note. *J Neurol Surg A Cent Eur Neurosurg*. 2015 Sep;76(5):415-7. doi:

10.1055/s-0034-1396435. Epub 2015 Jan 16. PubMed PMID: 25594820.

299: Wagner F, Haenggi MM, Wagner B, Weck A, Weisstanner C, Grunt S, Z'Graggen WJ, Gralla J, Wiest R, Verma RK. The value of susceptibility-weighted imaging (SWI) in patients with non-neonatal hypoxic-ischemic encephalopathy. *Resuscitation*. 2015 Mar;88:75-80. doi: 10.1016/j.resuscitation.2014.12.024. Epub 2015 Jan 8. PubMed PMID: 25576980.

300: Schawkat K, Di Santo S, Seiler S, Ducray AD, Widmer HR. Loss of Nogo-A-expressing neurons in a rat model of Parkinson's disease. *Neuroscience*. 2015 Mar 12;288:59-72. doi: 10.1016/j.neuroscience.2014.12.035. Epub 2014 Dec 30. PubMed PMID: 25554426.

301: Stieglitz LH, Fung C, Murek M, Fichtner J, Raabe A, Beck J. What happens to the bone flap? Long-term outcome after reimplantation of cryoconserved bone flaps in a consecutive series of 92 patients. *Acta Neurochir (Wien)*. 2015 Feb;157(2):275-80. doi: 10.1007/s00701-014-2310-7. Epub 2014 Dec 24. PubMed PMID: 25534126.

302: Stienen MN, Smoll NR, Battaglia M, Schatlo B, Woernle CM, Fung C, Roethlisberger M, Daniel RT, Fathi AR, Fandino J, Hildebrandt G, Schaller K, Bijlenga P; Swiss SOS study group. Intracranial aneurysm rupture is predicted by measures of solar activity. *World Neurosurg*. 2015 Apr;83(4):588-95. doi: 10.1016/j.wneu.2014.12.021. Epub 2014 Dec 17. PubMed PMID: 25527878.

303: Coluccia D, Fandino J, Marbacher S, Erhardt S, Kienzler J, Martin E, Werner B. A microsurgical bifurcation rabbit model to investigate the effect of high-intensity focused ultrasound on aneurysms: a technical note. *J Ther Ultrasound*. 2014 Oct 31;2:21. doi: 10.1186/2050-5736-2-21. eCollection 2014. PubMed PMID: 25512871; PubMed Central PMCID: PMC4265988.

304: Magara A, Bühler R, Moser D, Kowalski M, Pourtehrani P, Jeanmonod D. First experience with MR-guided focused ultrasound in the treatment of Parkinson's disease. *J Ther Ultrasound*. 2014 May 31;2:11. doi: 10.1186/2050-5736-2-11. eCollection 2014. PubMed PMID: 25512869; PubMed Central PMCID: PMC4266014.

305: Rimoldi SF, von Arx R, Scherrer U. The reply. *Am J Med*. 2014 Dec;127(12):e31. doi: 10.1016/j.amjmed.2014.09.004. PubMed PMID: 25481207.

306: Fung C, Balmer M, Murek M, Z'Graggen WJ, Abu-Isa J, Ozdoba C, Haenggi M, Jakob SM, Raabe A, Beck J. Impact of early-onset seizures on grading and outcome in patients with subarachnoid hemorrhage. *J Neurosurg*. 2015 Feb;122(2):408-13. doi: 10.3171/2014.10.JNS14163. Epub 2014 Dec 5. PubMed PMID: 25479126.

307: Marbacher S, Frösén J, Marjamaa J, Anisimov A, Honkanen P, von Gunten M, Abo-Ramadan U, Hernesniemi J, Niemelä M. Intraluminal cell transplantation prevents growth and rupture in a model of rupture-prone saccular aneurysms. *Stroke*. 2014 Dec;45(12):3684-90. doi: 10.1161/STROKEAHA.114.006600. Epub 2014 Nov 4. PubMed PMID: 25370586.

308: Kocher GJ, Taha A, Ahler M, Schmid RA. Is clipping the preferable technique to perform sympathectomy? A retrospective study and review of the literature. *Langenbecks Arch Surg*. 2015 Jan;400(1):107-12. doi: 10.1007/s00423-014-1249-8. Epub 2014 Sep 23. Review. PubMed PMID: 25246193.

309: Baschera D, Hasler RM, Taugwalder D, Exadaktylos A, Raabe A. Association between head injury and helmet use in alpine skiers: cohort study from a Swiss level 1 trauma center. *J Neurotrauma*. 2015 Apr 15;32(8):557-62. doi: 10.1089/neu.2014.3604. Epub 2015 Jan 22. PubMed PMID: 25244343.

- 310: Day AL, Dannenbaum M, Jung S. A randomized trial of unruptured brain arteriovenous malformations trial: an editorial review. *Stroke*. 2014 Oct;45(10):3147-8. doi: 10.1161/STROKEAHA.114.004614. Epub 2014 Aug 19. PubMed PMID: 25139880.
- 311: Anderegg L, Neuschmelting V, von Gunten M, Widmer HR, Fandino J, Marbacher S. The role of microclot formation in an acute subarachnoid hemorrhage model in the rabbit. *Biomed Res Int*. 2014;2014:161702. doi: 10.1155/2014/161702. Epub 2014 Jul 7. PubMed PMID: 25110658; PubMed Central PMCID: PMC4109416.
- 312: Eroglu A, Erturk E, Apan A, Apan OC. Regional anesthesia for postoperative pain control. *Biomed Res Int*. 2014;2014:309606. doi: 10.1155/2014/309606. Epub 2014 Jun 18. Erratum in: *Biomed Res Int*. 2015;2015:793720. Eichenberger, Urs [removed]. PubMed PMID: 25054137; PubMed Central PMCID: PMC4087300.
- 313: Jenkinson MD, Weber DC, Haylock BJ, Mallucci CL, Zakaria R, Javadpour M. Radiotherapy versus observation following surgical resection of atypical meningioma (the ROAM trial). *Neuro Oncol*. 2014 Nov;16(11):1560-1. doi: 10.1093/neuonc/nou149. Epub 2014 Jul 19. PubMed PMID: 25038504; PubMed Central PMCID: PMC4201075.
- 314: Lefaucheur JP, André-Obadia N, Antal A, Ayache SS, Baeken C, Benninger DH, Cantello RM, Cincotta M, de Carvalho M, De Ridder D, Devanne H, Di Lazzaro V, Filipović SR, Hummel FC, Jääskeläinen SK, Kimiskidis VK, Koch G, Langguth B, Nyffeler T, Oliviero A, Padberg F, Poulet E, Rossi S, Rossini PM, Rothwell JC, Schönfeldt-Lecuona C, Siebner HR, Slotema CW, Stagg CJ, Valls-Sole J, Ziemann U, Paulus W, Garcia-Larrea L. Evidence-based guidelines on the therapeutic use of repetitive transcranial magnetic stimulation (rTMS). *Clin Neurophysiol*. 2014 Nov;125(11):2150-2206. doi: 10.1016/j.clinph.2014.05.021. Epub 2014 Jun 5. Review. PubMed PMID: 25034472.
- 315: Mordasini L, Kessler TM, Kiss B, Schüpbach M, Pollo C, Kaelin-Lang A. Bladder function in patients with dystonia undergoing deep brain stimulation. *Parkinsonism Relat Disord*. 2014 Sep;20(9):1015-7. doi: 10.1016/j.parkreldis.2014.05.016. Epub 2014 Jun 14. PubMed PMID: 24984838.
- 316: Stieglitz LH, Ayer C, Schindler K, Oertel MF, Wiest R, Pollo C. Improved localization of implanted subdural electrode contacts on magnetic resonance imaging with an elastic image fusion algorithm in an invasive electroencephalography recording. *Neurosurgery*. 2014 Dec;10 Suppl 4:506-12; discussion 512-3. doi: 10.1227/NEU.0000000000000473. PubMed PMID: 24978648.
- 317: Schippling S, Balk LJ, Costello F, Albrecht P, Balcer L, Calabresi PA, Frederiksen JL, Frohman E, Green AJ, Klistorner A, Outteryck O, Paul F, Plant GT, Traber G, Vermersch P, Villoslada P, Wolf S, Petzold A. Quality control for retinal OCT in multiple sclerosis: validation of the OSCAR-IB criteria. *Mult Scler*. 2015 Feb;21(2):163-70. doi: 10.1177/1352458514538110. Epub 2014 Jun 16. PubMed PMID: 24948688.
- 318: Fichtner J, Jilch A, Stieglitz LH, Beck J, Raabe A, Z'Graggen WJ. Infection rate of emergency bolt-kit vs. non-emergency conventional implanted silver bearing external ventricular drainage catheters. *Clin Neurol Neurosurg*. 2014 Jul;122:70-6. doi: 10.1016/j.clineuro.2014.04.018. Epub 2014 May 1. PubMed PMID: 24908221.
- 319: Boërio D, Bostock H, Spescha R, Z'Graggen WJ. Potassium and the excitability properties of normal human motor axons in vivo. *PLoS One*. 2014 Jun 3;9(6):e98262. doi: 10.1371/journal.pone.0098262. eCollection 2014. PubMed PMID: 24893161; PubMed Central PMCID: PMC4043986.
- 320: von Arx R, Rexhaj E, Allemann Y, Moschovitis A, Windecker S, Meier B, Scherrer U, Rimoldi SF.

Lack of blood pressure-lowering effect of renal denervation in a drug-naïve patient with pronounced arterial stiffening. *Am J Med.* 2014 Sep;127(9):e3-4. doi: 10.1016/j.amjmed.2014.05.024. Epub 2014 May 22. PubMed PMID: 24858061.

321: Pollo C, Kaelin-Lang A, Oertel MF, Stieglitz L, Taub E, Fuhr P, Lozano AM, Raabe A, Schüpbach M. Directional deep brain stimulation: an intraoperative double-blind pilot study. *Brain.* 2014 Jul;137(Pt 7):2015-26. doi: 10.1093/brain/awu102. Epub 2014 May 19. PubMed PMID: 24844728.

322: Porz N, Bauer S, Pica A, Schucht P, Beck J, Verma RK, Slotboom J, Reyes M, Wiest R. Multi-modal glioblastoma segmentation: man versus machine. *PLoS One.* 2014 May 7;9(5):e96873. doi: 10.1371/journal.pone.0096873. eCollection 2014. PubMed PMID: 24804720; PubMed Central PMCID: PMC4013039.

323: Schneider F, Kompis M, Ozdoba C, Beck J, Caversaccio M, Senn P. Pilocytic astrocytoma of the cerebellopontine angle in a child presenting with auditory neuropathy spectrum disorder. *Otol Neurotol.* 2015 Apr;36(4):e101-3. doi: 10.1097/MAO.0000000000000355. PubMed PMID: 24781101.

324: Koch F, Möller AM, Frenz M, Pieleles U, Kuehni-Boghenbor K, Mevissen M. An in vitro toxicity evaluation of gold-, PLLA- and PCL-coated silica nanoparticles in neuronal cells for nanoparticle-assisted laser-tissue soldering. *Toxicol In Vitro.* 2014 Aug;28(5):990-8. doi: 10.1016/j.tiv.2014.04.010. Epub 2014 Apr 21. PubMed PMID: 24768613.

325: Di Santo S, Seiler S, Fuchs AL, Staudigl J, Widmer HR. The secretome of endothelial progenitor cells promotes brain endothelial cell activity through PI3-kinase and MAP-kinase. *PLoS One.* 2014 Apr 22;9(4):e95731. doi: 10.1371/journal.pone.0095731. eCollection 2014. PubMed PMID: 24755675; PubMed Central PMCID: PMC3995762.

326: Hower E, Mariani L, Vajtai I. Glioma-like proliferation in a cortical hamartoma of tuberous sclerosis complex. *Brain Tumor Pathol.* 2015 Jan;32(1):76-8. doi: 10.1007/s10014-014-0185-1. Epub 2014 Apr 11. PubMed PMID: 24723163.

327: Koskela E, Setälä K, Kivisaari R, Hernesniemi J, Laakso A. Visual field findings after a ruptured intracranial aneurysm. *Acta Neurochir (Wien).* 2014 Jul;156(7):1273-9. doi: 10.1007/s00701-014-2086-9. Epub 2014 Apr 11. PubMed PMID: 24722946.

328: Höland K, Boller D, Hagel C, Dolaski S, Treszl A, Pardo OE, Cwiek P, Salm F, Leni Z, Shepherd PR, Styp-Rekowska B, Djonov V, von Bueren AO, Frei K, Arcaro A. Targeting class IA PI3K isoforms selectively impairs cell growth, survival, and migration in glioblastoma. *PLoS One.* 2014 Apr 9;9(4):e94132. doi: 10.1371/journal.pone.0094132. eCollection 2014. PubMed PMID: 24718026; PubMed Central PMCID: PMC3981776.

329: Scharer V, Hafner R, Ciurea A, Henning L, Somoskovi A, Weber R, Fehr J. [Limitations of medicine: diagnosis and therapy of «inflammatory» back pain]. *Praxis (Bern 1994).* 2014 Mar 12;103(6):337-40. Review. German. PubMed PMID: 24712089.

330: De Meerleer G, Khoo V, Escudier B, Joniau S, Bossi A, Ost P, Briganti A, Fonteyne V, Van Vulpen M, Lumen N, Spahn M, Mareel M. Radiotherapy for renal-cell carcinoma. *Lancet Oncol.* 2014 Apr;15(4):e170-7. doi: 10.1016/S1470-2045(13)70569-2. Review. PubMed PMID: 24694640.

331: Mothersill C, Fernandez-Palomo C, Fazzari J, Smith R, Schültke E, Bräuer-Krisch E, Laissue J, Schroll C, Seymour C. Transmission of signals from rats receiving high doses of microbeam radiation to cage mates: an inter-mammal bystander effect. *Dose Response.* 2013 Aug 27;12(1):72-92. doi: 10.2203/dose-response.13-011.Mothersill. eCollection 2014 Jan. PubMed PMID: 24659934; PubMed

Central PMCID: PMC3960955.

- 332: Raabe A, Beck J, Schucht P, Seidel K. Continuous dynamic mapping of the corticospinal tract during surgery of motor eloquent brain tumors: evaluation of a new method. *J Neurosurg.* 2014 May;120(5):1015-24. doi: 10.3171/2014.1.JNS13909. Epub 2014 Mar 14. PubMed PMID: 24628613.
- 333: Kramer AH, Doherr MG, Stoffel MH, Steiner A, Spadavecchia C. Ultrasound-guided proximal paravertebral anaesthesia in cattle. *Vet Anaesth Analg.* 2014 Sep;41(5):534-42. doi: 10.1111/vaa.12148. Epub 2014 Feb 27. PubMed PMID: 24575819.
- 334: Shahim K, Jürgens P, Cattin PC, Nolte LP, Reyes M. Prediction of cranio-maxillofacial surgical planning using an inverse soft tissue modelling approach. *Med Image Comput Comput Assist Interv.* 2013;16(Pt 1):18-25. PubMed PMID: 24505644.
- 335: Schucht P, Knittel S, Slotboom J, Seidel K, Murek M, Jilch A, Raabe A, Beck J. 5-ALA complete resections go beyond MR contrast enhancement: shift corrected volumetric analysis of the extent of resection in surgery for glioblastoma. *Acta Neurochir (Wien).* 2014 Feb;156(2):305-12; discussion 312. doi: 10.1007/s00701-013-1906-7. Epub 2013 Oct 25. PubMed PMID: 24449075.
- 336: Stieglitz LH, Gerber N, Schmid T, Mordasini P, Fichtner J, Fung C, Murek M, Weber S, Raabe A, Beck J. Intraoperative fabrication of patient-specific moulded implants for skull reconstruction: single-centre experience of 28 cases. *Acta Neurochir (Wien).* 2014 Apr;156(4):793-803. doi: 10.1007/s00701-013-1977-5. Epub 2014 Jan 18. PubMed PMID: 24442601.
- 337: Rimoldi SF, Scheidegger N, Scherrer U, Farese S, Rexhaj E, Moschovitis A, Windecker S, Meier B, Allemann Y. Anatomical eligibility of the renal vasculature for catheter-based renal denervation in hypertensive patients. *JACC Cardiovasc Interv.* 2014 Feb;7(2):187-192. doi: 10.1016/j.jcin.2013.10.013. Epub 2014 Jan 15. PubMed PMID: 24440022.
- 338: Rengier F, Geisbüsch P, Schoenhagen P, Müller-Eschner M, Vosschenrich R, Karmonik C, von Tengg-Koblighk H, Partovi S. State-of-the-art aortic imaging: Part II - applications in transcatheter aortic valve replacement and endovascular aortic aneurysm repair. *Vasa.* 2014 Jan;43(1):6-26. doi: 10.1024/0301-1526/a000324. Review. PubMed PMID: 24429327.
- 339: Schmidhalter D, Malthaner M, Born EJ, Pica A, Schmuecking M, Aebersold DM, Fix MK, Manser P. Assessment of patient setup errors in IGRT in combination with a six degrees of freedom couch. *Z Med Phys.* 2014 May;24(2):112-22. doi: 10.1016/j.zemedi.2013.11.002. Epub 2014 Jan 10. PubMed PMID: 24418323.
- 340: Tyrand R, Seeck M, Pollo C, Boëx C. Effects of amygdala-hippocampal stimulation on synchronization. *Epilepsy Res.* 2014 Feb;108(2):327-30. doi: 10.1016/j.epilepsyres.2013.11.024. Epub 2013 Dec 7. PubMed PMID: 24368130.
- 341: Di Santo S, Mina A, Ducray A, Widmer HR, Senn P. Creatine supports propagation and promotes neuronal differentiation of inner ear progenitor cells. *Neuroreport.* 2014 May 7;25(7):446-51. doi: 10.1097/WNR.000000000000112. PubMed PMID: 24356107.
- 342: Zisakis AK, Varsos V, Exadaktylos A. What is New and Innovative in Emergency Neurosurgery? Emerging Diagnostic Technologies Provide Better Care and Influence Outcome: A Specialist Review. *Emerg Med Int.* 2013;2013:568960. doi: 10.1155/2013/568960. Epub 2013 Nov 14. Review. PubMed PMID: 24349786; PubMed Central PMCID: PMC3847970.
- 343: Schucht P, Murek M, Jilch A, Seidel K, Hewer E, Wiest R, Raabe A, Beck J. Early re-do surgery for

glioblastoma is a feasible and safe strategy to achieve complete resection of enhancing tumor. PLoS One. 2013 Nov 13;8(11):e79846. doi: 10.1371/journal.pone.0079846. eCollection 2013. PubMed PMID: 24348904; PubMed Central PMCID: PMC3865346.

344: Schmidhalter D, Fix MK, Wyss M, Schaer N, Munro P, Scheib S, Kunz P, Manser P. Evaluation of a new six degrees of freedom couch for radiation therapy. Med Phys. 2013 Nov;40(11):111710. doi: 10.1118/1.4823789. PubMed PMID: 24320418.

345: Rummel C, Zubler C, Schroth G, Gralla J, Hsieh K, Abela E, Hauf M, Meier N, Verma RK, Andres RH, Nirkko AC, Wiest R. Monitoring cerebral oxygenation during balloon occlusion with multichannel NIRS. J Cereb Blood Flow Metab. 2014 Feb;34(2):347-56. doi: 10.1038/jcbfm.2013.207. Epub 2013 Dec 4. PubMed PMID: 24301292; PubMed Central PMCID: PMC3915216.

346: Wenger M, Markwalder TM. Posterior decompression salvages Bryan total disc arthroplasty in post-operatively recurrent uncoforaminal stenosis. J Clin Neurosci. 2014 May;21(5):741-4. doi: 10.1016/j.jocn.2013.07.016. Epub 2013 Sep 11. PubMed PMID: 24256884.

347: Marbacher S, Marjamaa J, Bradacova K, von Gunten M, Honkanen P, Abo-Ramadan U, Hernesniemi J, Niemelä M, Frösen J. Loss of mural cells leads to wall degeneration, aneurysm growth, and eventual rupture in a rat aneurysm model. Stroke. 2014 Jan;45(1):248-54. doi: 10.1161/STROKEAHA.113.002745. Epub 2013 Nov 12. PubMed PMID: 24222045.

348: Seiler S, Pollini D, Di Santo S, Widmer HR. Antagonizing Nogo-receptor 1 promotes the number of cultured dopaminergic neurons and elongates their neurites. Neuroreport. 2013 Dec 18;24(18):1047-52. doi: 10.1097/WNR.0000000000000063. PubMed PMID: 24201447.

349: Aghayev E, Zullig N, Diel P, Dietrich D, Benneker LM. Development and validation of a quantitative method to assess pedicle screw loosening in posterior spine instrumentation on plain radiographs. Eur Spine J. 2014 Mar;23(3):689-94. doi: 10.1007/s00586-013-3080-2. Epub 2013 Oct 31. PubMed PMID: 24170238; PubMed Central PMCID: PMC3940783.

350: Riesterer O. [Extracranial stereotactic radiotherapy for early-stage non-small cell lung cancer and oligometastases]. Praxis (Bern 1994). 2013 Oct 16;102(21):1309-16. doi: 10.1024/1661-8157/a001440. German. PubMed PMID: 24129299.

351: Jensen P, Heimberg M, Ducray AD, Widmer HR, Meyer M. Expression of trefoil factor 1 in the developing and adult rat ventral mesencephalon. PLoS One. 2013 Oct 7;8(10):e76592. doi: 10.1371/journal.pone.0076592. eCollection 2013. PubMed PMID: 24116124; PubMed Central PMCID: PMC3792045.

352: Flaherty ML, Beck J. Surgery for intracerebral hemorrhage: moving forward or making circles? Stroke. 2013 Oct;44(10):2953-4. doi: 10.1161/STROKEAHA.113.002533. Epub 2013 Aug 27. Review. PubMed PMID: 23982715.

353: Broemme J, Abu-Isa J, Kottke R, Beck J, Wiest R, Malthaner M, Schmidhalter D, Raabe A, Aebbersold DM, Pica A. Adjuvant therapy after resection of brain metastases. Frameless image-guided LINAC-based radiosurgery and stereotactic hypofractionated radiotherapy. Strahlenther Onkol. 2013 Sep;189(9):765-70. doi: 10.1007/s00066-013-0409-z. Epub 2013 Aug 11. PubMed PMID: 23934329.

354: Wallach D, Toporek G, Weber S, Bale R, Widmann G. Comparison of freehand-navigated and aiming device-navigated targeting of liver lesions. Int J Med Robot. 2014 Mar;10(1):35-43. doi: 10.1002/rcs.1505. Epub 2013 Jul 8. PubMed PMID: 23832927.

- 355: Schucht P, Ghareeb F, Duffau H. Surgery for low-grade glioma infiltrating the central cerebral region: location as a predictive factor for neurological deficit, epileptological outcome, and quality of life. *J Neurosurg.* 2013 Aug;119(2):318-23. doi: 10.3171/2013.5.JNS122235. Epub 2013 Jun 14. PubMed PMID: 23767891.
- 356: Toporek G, Wallach D, Weber S, Bale R, Widmann G. Cone-beam computed tomography-guided stereotactic liver punctures: a phantom study. *Cardiovasc Intervent Radiol.* 2013 Dec;36(6):1629-1637. doi: 10.1007/s00270-013-0635-x. Epub 2013 May 14. PubMed PMID: 23670569.
- 357: Ulrich CT, Fung C, Vatter H, Setzer M, Gueresir E, Seifert V, Beck J, Raabe A. Occurrence of vasospasm and infarction in relation to a focal monitoring sensor in patients after SAH: placing a bet when placing a probe? *PLoS One.* 2013 May 2;8(5):e62754. doi: 10.1371/journal.pone.0062754. Print 2013. PubMed PMID: 23658768; PubMed Central PMCID: PMC3642192.
- 358: Luyet C, Constantinescu M, Waltenspül M, Luginbühl M, Vögelin E. Transition from nerve stimulator to sonographically guided axillary brachial plexus anesthesia in hand surgery: block quality and patient satisfaction during the transition period. *J Ultrasound Med.* 2013 May;32(5):779-86. doi: 10.7863/ultra.32.5.779. PubMed PMID: 23620319.
- 359: Wuethrich PY, Kessler TM, Burkhard FC. The effects of thoracic epidurally administered drugs on urethral sphincter function in women: a pooled analysis. *Pain Med.* 2013 Aug;14(8):1248-53. doi: 10.1111/pme.12128. Epub 2013 Apr 24. PubMed PMID: 23614971.
- 360: Schmutz M, Schumacher PM, Luyet C, Curatolo M, Eichenberger U. Ilioinguinal and iliohypogastric nerves cannot be selectively blocked by using ultrasound guidance: a volunteer study. *Br J Anaesth.* 2013 Aug;111(2):264-70. doi: 10.1093/bja/aet028. Epub 2013 Mar 12. PubMed PMID: 23482999.
- 361: Leclère FM, Bignon D, Franz T, Mathys L, Vögelin E. Endoscopically assisted nerve decompression of rare nerve compression syndromes at the upper extremity. *Arch Orthop Trauma Surg.* 2013 Apr;133(4):575-82. doi: 10.1007/s00402-012-1668-3. Epub 2013 Feb 17. PubMed PMID: 23417113.
- 362: Stieglitz LH, Fichtner J, Andres R, Schucht P, Krähenbühl AK, Raabe A, Beck J. The silent loss of neuronavigation accuracy: a systematic retrospective analysis of factors influencing the mismatch of frameless stereotactic systems in cranial neurosurgery. *Neurosurgery.* 2013 May;72(5):796-807. doi: 10.1227/NEU.0b013e318287072d. PubMed PMID: 23334280.
- 363: Fung C, De Marchis GM, Katan M, Seiler M, Arnold M, Gralla J, Raabe A, Beck J. Copeptin as a marker for severity and prognosis of aneurysmal subarachnoid hemorrhage. *PLoS One.* 2013;8(1):e53191. doi: 10.1371/journal.pone.0053191. Epub 2013 Jan 11. PubMed PMID: 23326397; PubMed Central PMCID: PMC3543451.
- 364: Pica A, Abbeel S, Von der Weid N, Sajadi A, Negretti L, Phan-Hug F, Hauschild M, Schmidhalter D, Schwitzgebel V, Weber D. Fractionated stereotactic radiotherapy with static field conformal and non coplanar arcs for pediatric patients with craniopharyngioma: analysis of long term visual outcome and endocrine toxicity. *J Radiosurg SBRT.* 2013;2(3):209-216. PubMed PMID: 29296363; PubMed Central PMCID: PMC5658812.
- 365: Seidel K, Beck J, Stieglitz L, Schucht P, Raabe A. The warning-sign hierarchy between quantitative subcortical motor mapping and continuous motor evoked potential monitoring during resection of supratentorial brain tumors. *J Neurosurg.* 2013 Feb;118(2):287-96. doi: 10.3171/2012.10.JNS12895. Epub 2012 Nov 30. PubMed PMID: 23198802.

- 366: Luyet C, Siegenthaler A, Szucs-Farkas Z, Hummel G, Eichenberger U, Vogt A. The location of paravertebral catheters placed using the landmark technique. *Anaesthesia*. 2012 Dec;67(12):1321-6. doi: 10.1111/j.1365-2044.2012.07234.x. PubMed PMID: 23130724.
- 367: Fung C, Murek M, Z'Graggen WJ, Krähenbühl AK, Gautschi OP, Schucht P, Gralla J, Schaller K, Arnold M, Fischer U, Mattle HP, Raabe A, Beck J. Decompressive hemicraniectomy in patients with supratentorial intracerebral hemorrhage. *Stroke*. 2012 Dec;43(12):3207-11. doi: 10.1161/STROKEAHA.112.666537. Epub 2012 Oct 30. PubMed PMID: 23111437.
- 368: Schatlo B, Fung C, Fathi AR, Sailer M, Winkler K, Daniel RT, Bijlenga P, Ahlborn P, Seule M, Zumofen D, Reinert M, Woernle C, Stienen M, Levivier M, Hildebrandt G, Mariani L, Bernays R, Fandino J, Raabe A, Keller E, Schaller K. Introducing a nationwide registry: the Swiss study on aneurysmal subarachnoid haemorrhage (Swiss SOS). *Acta Neurochir (Wien)*. 2012 Dec;154(12):2173-8; discussion 2178. doi: 10.1007/s00701-012-1500-4. Epub 2012 Oct 6. PubMed PMID: 23053275.
- 369: Schlegel M, Vibert D, Ott SR, Häusler R, Caversaccio MD. Functional results and quality of life after retrosigmoid vestibular neurectomy in patients with Ménière's disease. *Otol Neurotol*. 2012 Oct;33(8):1380-5. doi: 10.1097/MAO.0b013e318268d1cd. PubMed PMID: 22931868.
- 370: Schucht P, Beck J, Abu-Isa J, Anderegg L, Murek M, Seidel K, Stieglitz L, Raabe A. Gross total resection rates in contemporary glioblastoma surgery: results of an institutional protocol combining 5-aminolevulinic acid intraoperative fluorescence imaging and brain mapping. *Neurosurgery*. 2012 Nov;71(5):927-35; discussion 935-6. doi: 10.1227/NEU.0b013e31826d1e6b. PubMed PMID: 22895402.
- 371: Siegenthaler A, Mlekusch S, Trelle S, Schliessbach J, Curatolo M, Eichenberger U. Accuracy of ultrasound-guided nerve blocks of the cervical zygapophysial joints. *Anesthesiology*. 2012 Aug;117(2):347-52. PubMed PMID: 22728783.
- 372: Schucht P, Moritz-Gasser S, Herbet G, Raabe A, Duffau H. Subcortical electrostimulation to identify network subserving motor control. *Hum Brain Mapp*. 2013 Nov;34(11):3023-30. doi: 10.1002/hbm.22122. Epub 2012 Jun 19. PubMed PMID: 22711688.
- 373: Anderegg L, Arnold M, Andres RH, Raabe A, Reinert M, Gralla J. Bow hunter's stroke due to prominent degenerative spinal disorder. *Clin Neuroradiol*. 2012 Dec;22(4):355-8. doi: 10.1007/s00062-012-0154-1. Epub 2012 Jun 12. PubMed PMID: 22689220.
- 374: Luyet C, Eng KT, Kertes PJ, Avila A, Muni RH, McHardy P. Real-time evaluation of diffusion of the local anesthetic solution during peribulbar block using ultrasound imaging and clinical correlates of diffusion. *Reg Anesth Pain Med*. 2012 Jul-Aug;37(4):455-9. doi: 10.1097/AAP.0b013e31825541e8. PubMed PMID: 22609643.
- 375: Fichtner J, Fung C, Z'Graggen W, Raabe A, Beck J. Lack of increase in intracranial pressure after epidural blood patch in spinal cerebrospinal fluid leak. *Neurocrit Care*. 2012 Jun;16(3):444-9. doi: 10.1007/s12028-012-9702-4. PubMed PMID: 22528279.
- 376: Fung C, Beck J, Lauber L, Müri R, Raabe A, Nyffeler T. Clinical assessment of deficits after SAH: hasty neurosurgeons and accurate neurologists. *J Neurol*. 2012 Oct;259(10):2198-201. doi: 10.1007/s00415-012-6483-9. Epub 2012 Apr 14. PubMed PMID: 22527224.
- 377: Birkhäuser FD, Wipfli M, Eichenberger U, Luyet C, Greif R, Thalmann GN. Vasectomy reversal with ultrasonography-guided spermatic cord block. *BJU Int*. 2012 Dec;110(11):1796-800. doi: 10.1111/j.1464-410X.2012.11099.x. Epub 2012 Mar 27. PubMed PMID: 22452577.

- 378: Marbacher S, Anderegg L, Erhardt S, Fathi AR, Fandino J, Raabe A, Beck J. Intraoperative template-molded bone flap reconstruction for patient-specific cranioplasty. *Neurosurg Rev.* 2012 Oct;35(4):527-35; discussion 535. doi: 10.1007/s10143-012-0376-3. Epub 2012 Mar 6. PubMed PMID: 22391771.
- 379: Luyet C, Meyer C, Herrmann G, Hatch GM, Ross S, Eichenberger U. Placement of coiled catheters into the paravertebral space. *Anaesthesia.* 2012 Mar;67(3):250-5. doi: 10.1111/j.1365-2044.2011.06988.x. PubMed PMID: 22321080.
- 380: Seidel K, Beck J, Stieglitz L, Schucht P, Raabe A. Low-threshold monopolar motor mapping for resection of primary motor cortex tumors. *Neurosurgery.* 2012 Sep;71(1 Suppl Operative):104-14; discussion 114-5. doi: 10.1227/NEU.0b013e31824c02a0. PubMed PMID: 22270233.
- 381: Siegenthaler A, Mlekusch S, Schliessbach J, Curatolo M, Eichenberger U. Ultrasound imaging to estimate risk of esophageal and vascular puncture after conventional stellate ganglion block. *Reg Anesth Pain Med.* 2012 Mar-Apr;37(2):224-7. doi: 10.1097/AAP.0b013e31823d40fe. PubMed PMID: 22157739.
- 382: Siegenthaler A, Eichenberger U, Curatolo M. A shortened radiofrequency denervation method for cervical zygapophysial joint pain based on ultrasound localization of the nerves. *Pain Med.* 2011 Dec;12(12):1703-9. doi: 10.1111/j.1526-4637.2011.01275.x. Epub 2011 Nov 28. PubMed PMID: 22123073.
- 383: Marbacher S, Schläppi JA, Fung C, Hüsler J, Beck J, Raabe A. Do statins reduce the risk of aneurysm development? A case-control study. *J Neurosurg.* 2012 Mar;116(3):638-42. doi: 10.3171/2011.10.JNS11153. Epub 2011 Nov 25. PubMed PMID: 22117185.
- 384: Reinert M, Mono ML, Kuhlen D, Mariani L, Barth A, Beck J, Andres RH, Gralla J, Wymann R, Schmidt J, Kauert C, Schroth G, Arnold M, Mattle HP, Raabe A, Fischer U. Restenosis after microsurgical non-patch carotid endarterectomy in 586 patients. *Acta Neurochir (Wien).* 2012 Mar;154(3):423-31; discussion 431. doi: 10.1007/s00701-011-1233-9. Epub 2011 Nov 24. PubMed PMID: 22113556; PubMed Central PMCID: PMC3284671.
- 385: Schöni DS, Boggi S, Bregy A, Wirth A, Raabe A, Vajtai I, Pielles U, Reinert M, Frenz M. Nanoshell assisted laser soldering of vascular tissue. *Lasers Surg Med.* 2011 Dec;43(10):975-83. doi: 10.1002/lsm.21140. Epub 2011 Nov 22. PubMed PMID: 22109727.
- 386: Fung C, Z'Graggen WJ, Beck J, Gralla J, Jakob SM, Schucht P, Raabe A. Traumatic subarachnoid hemorrhage, basal ganglia hematoma and ischemic stroke caused by a torn lenticulostriate artery. *Acta Neurochir (Wien).* 2012 Jan;154(1):59-62. doi: 10.1007/s00701-011-1162-7. PubMed PMID: 21976234.
- 387: Schär RT, Vajtai I, Sahli R, Seiler RW. Manifestation of a sellar hemangioblastoma due to pituitary apoplexy: a case report. *J Med Case Rep.* 2011 Oct 4;5:496. doi: 10.1186/1752-1947-5-496. PubMed PMID: 21970745; PubMed Central PMCID: PMC3197537.
- 388: Gutbrod K, Spring D, Degonda N, Heinemann D, Nirkko A, Hauf M, Ozdoba C, Schnider A, Schroth G, Wiest R. Determination of language dominance: Wada test and fMRI compared using a novel sentence task. *J Neuroimaging.* 2012 Jul;22(3):266-74. doi: 10.1111/j.1552-6569.2011.00646.x. Epub 2011 Sep 1. PubMed PMID: 21883628.
- 389: Marbacher S, Milavec H, Neuschmelting V, Anderegg L, Erhardt S, Fandino J. Outer skull landmark-based coordinates for measurement of cerebral blood flow and intracranial pressure in

- rabbis. *J Neurosci Methods*. 2011 Oct 15;201(2):322-6. doi: 10.1016/j.jneumeth.2011.08.009. Epub 2011 Aug 12. PubMed PMID: 21864572.
- 390: Stieglitz LH, Giordano M, Gerganov VM, Samii A, Samii M, Lüdemann WO. How obliteration of petrosal air cells by vestibular schwannoma influences the risk of postoperative CSF fistula. *Clin Neurol Neurosurg*. 2011 Nov;113(9):746-51. doi: 10.1016/j.clineuro.2011.07.029. Epub 2011 Aug 21. PubMed PMID: 21862208.
- 391: Schucht P, Duffau H. New-onset epilepsy: considerations for initial and follow-up MRI to detect brain tumor. *Expert Rev Neurother*. 2011 Aug;11(8):1107-10. doi: 10.1586/ern.11.80. PubMed PMID: 21797650.
- 392: Henning Stieglitz L, Seidel K, Wiest R, Beck J, Raabe A. Localization of primary language areas by arcuate fascicle fiber tracking. *Neurosurgery*. 2012 Jan;70(1):56-64; discussion 64-5. doi: 10.1227/NEU.0b013e31822cb882. PubMed PMID: 21760558.
- 393: Streitberger K, Müller T, Eichenberger U, Trelle S, Curatolo M. Factors determining the success of radiofrequency denervation in lumbar facet joint pain: a prospective study. *Eur Spine J*. 2011 Dec;20(12):2160-5. doi: 10.1007/s00586-011-1891-6. Epub 2011 Jun 30. PubMed PMID: 21717237; PubMed Central PMCID: PMC3229738.
- 394: Al Mufargi YS, Mouch CA, Ziebarth K, Joeris A, Slongo T. An unusual cause of paralysis of the peroneal nerve: a report of 3 cases. *J Pediatr Orthop*. 2011 Jul-Aug;31(5):e50-2. doi: 10.1097/BPO.0b013e31821f50cb. Retraction in: Hensinger RN, Thompson GH. *J Pediatr Orthop*. 2012 Oct-Nov;32(7):748. PubMed PMID: 21654448.
- 395: Z'graggen WJ, Troller R, Ackermann KA, Humm AM, Bostock H. Velocity recovery cycles of human muscle action potentials: repeatability and variability. *Clin Neurophysiol*. 2011 Nov;122(11):2294-9. doi: 10.1016/j.clinph.2011.04.010. Epub 2011 May 8. PubMed PMID: 21555240.
- 396: Fathi AR, Mariani L, Szucs Farkas Z, Exadaktylos AK, Bonel HM. Evaluation of the new Statscan radiography device for ventriculoperitoneal shunt assessment. *AJR Am J Roentgenol*. 2011 Mar;196(3):W285-9. doi: 10.2214/AJR.10.4939. PubMed PMID: 21343476.
- 397: Marbacher S, Erhardt S, Schläppi JA, Coluccia D, Remonda L, Fandino J, Sherif C. Complex bilobular, bisaccular, and broad-neck microsurgical aneurysm formation in the rabbit bifurcation model for the study of upcoming endovascular techniques. *AJNR Am J Neuroradiol*. 2011 Apr;32(4):772-7. doi: 10.3174/ajnr.A2374. Epub 2011 Feb 10. PubMed PMID: 21310858.
- 398: Stieglitz LH, Lüdemann WO, Giordano M, Raabe A, Fahlbusch R, Samii M. Optic radiation fiber tracking using anteriorly angulated diffusion tensor imaging: a tested algorithm for quick application. *Neurosurgery*. 2011 May;68(5):1239-51. doi: 10.1227/NEU.0b013e31820b52e1. PubMed PMID: 21273926.
- 399: Gerber RK, Nie H, Arendt-Nielsen L, Curatolo M, Graven-Nielsen T. Local pain and spreading hyperalgesia induced by intramuscular injection of nerve growth factor are not reduced by local anesthesia of the muscle. *Clin J Pain*. 2011 Mar-Apr;27(3):240-7. doi: 10.1097/AJP.0b013e3182048481. PubMed PMID: 21178592.
- 400: Babey M, Sahli R, Vajtai I, Andres RH, Seiler RW. Pituitary surgery for small prolactinomas as an alternative to treatment with dopamine agonists. *Pituitary*. 2011 Sep;14(3):222-30. doi: 10.1007/s11102-010-0283-y. PubMed PMID: 21170594; PubMed Central PMCID: PMC3146980.

401: Beck J, Raabe A. Clazosentan: prevention of cerebral vasospasm and the potential to overcome infarction. *Acta Neurochir Suppl.* 2011;110(Pt 2):147-50. doi: 10.1007/978-3-7091-0356-2_26. PubMed PMID: 21125461.

402: Luyet C, Herrmann G, Ross S, Vogt A, Greif R, Moriggl B, Eichenberger U. Ultrasound-guided thoracic paravertebral puncture and placement of catheters in human cadavers: where do catheters go? *Br J Anaesth.* 2011 Feb;106(2):246-54. doi: 10.1093/bja/aeq309. Epub 2010 Nov 25. PubMed PMID: 21112880.

403: Stieglitz LH, Giordano M, Gerganov V, Raabe A, Samii A, Samii M, Lüdemann WO. Petrous bone pneumatization is a risk factor for cerebrospinal fluid fistula following vestibular schwannoma surgery. *Neurosurgery.* 2010 Dec;67(2 Suppl Operative):509-15. doi: 10.1227/NEU.0b013e3181f88884. PubMed PMID: 21099580.

404: Dubach P, Eichenberger A, Caversaccio M. Radiation dose reduction in computer assisted navigation for functional endoscopic sinus surgery-cadaver head experiments and clinical implementation. *Rhinology.* 2010 Sep;48(3):339-43. doi: 10.4193/Rhin09.175. PubMed PMID: 21038026.

405: Fischer U, Taussky P, Gralla J, Arnold M, Brekenfeld C, Reinert M, Meier N, Mono ML, Schroth G, Mattle HP, Nedeltchev K. Decompressive craniectomy after intra-arterial thrombolysis: safety and outcome. *J Neurol Neurosurg Psychiatry.* 2011 Aug;82(8):885-7. doi: 10.1136/jnnp.2009.198648. Epub 2010 Jun 20. PubMed PMID: 20562459.

406: Schliessbach J, Siegenthaler A, Heini P, Bogduk N, Curatolo M. Blockade of the sinuvertebral nerve for the diagnosis of lumbar diskogenic pain: an exploratory study. *Anesth Analg.* 2010 Jul;111(1):204-6. doi: 10.1213/ANE.0b013e3181e19d03. Epub 2010 Jun 3. PubMed PMID: 20522701.

407: Vögelin E, Haldemann L, Constantinescu MA, Gerber A, Büchler U. Long-term outcome analysis of the supraclavicular surgical release for the treatment of thoracic outlet syndrome. *Neurosurgery.* 2010 Jun;66(6):1085-91; discussion 1091-2. doi: 10.1227/01.NEU.0000369188.24698.70. PubMed PMID: 20495423.

408: Curatolo M. Adding regional analgesia to general anaesthesia: increase of risk or improved outcome? *Eur J Anaesthesiol.* 2010 Jul;27(7):586-91. doi: 10.1097/EJA.0b013e32833963c8. Review. PubMed PMID: 20404731.

409: Siegenthaler A, Eichenberger U, Schmidlin K, Arendt-Nielsen L, Curatolo M. What does local tenderness say about the origin of pain? An investigation of cervical zygapophysial joint pain. *Anesth Analg.* 2010 Mar 1;110(3):923-7. doi: 10.1213/ANE.0b013e3181cbd8f4. PubMed PMID: 20185669.

410: Luft AR, Weller M. [Stroke]. *Praxis (Bern 1994).* 2009 Nov 4;98(22):1285-91. doi: 10.1024/1661-8157.98.22.1285. Review. German. PubMed PMID: 20029781.

411: Zimmermann F, Wulf J, Lax I, Nagata Y, Timmerman RD, Stojkovski I, Jeremic B. Stereotactic body radiation therapy for early non-small cell lung cancer. *Front Radiat Ther Oncol.* 2010;42:94-114. doi: 10.1159/000262465. Epub 2009 Nov 24. Review. PubMed PMID: 19955796.

412: Marbacher S, Fandino J, Lukes A. Acute subdural hematoma from ruptured cerebral aneurysm. *Acta Neurochir (Wien).* 2010 Mar;152(3):501-7. doi: 10.1007/s00701-009-0521-0. Epub 2009 Oct 24. PubMed PMID: 19855924.

413: Aebi M. Surgical treatment of upper, middle and lower cervical injuries and non-unions by

anterior procedures. *Eur Spine J.* 2010 Mar;19 Suppl 1:S33-9. doi: 10.1007/s00586-009-1120-8. Epub 2009 Oct 14. Review. PubMed PMID: 19826842; PubMed Central PMCID: PMC2899722.

414: Murayama M, Larkum ME. In vivo dendritic calcium imaging with a fiberoptic periscope system. *Nat Protoc.* 2009;4(10):1551-9. doi: 10.1038/nprot.2009.142. Epub 2009 Oct 1. PubMed PMID: 19798087.

415: Jetzer AK, Morel A, Magnin M, Jeanmonod D. Cross-modal plasticity in the human thalamus: evidence from intraoperative macrostimulations. *Neuroscience.* 2009 Dec 29;164(4):1867-75. doi: 10.1016/j.neuroscience.2009.09.064. Epub 2009 Sep 29. PubMed PMID: 19796668.

416: Eichenberger U, Stöckli S, Marhofer P, Huber G, Willimann P, Kettner SC, Pleiner J, Curatolo M, Kapral S. Minimal local anesthetic volume for peripheral nerve block: a new ultrasound-guided, nerve dimension-based method. *Reg Anesth Pain Med.* 2009 May-Jun;34(3):242-6. doi: 10.1097/AAP.0b013e31819a7225. PubMed PMID: 19587623.

417: Zweig T, Mannion AF, Grob D, Melloh M, Munting E, Tuschel A, Aebi M, Röder C. How to Tango: a manual for implementing Spine Tango. *Eur Spine J.* 2009 Aug;18 Suppl 3:312-20. doi: 10.1007/s00586-009-1074-x. Epub 2009 Jun 28. Review. PubMed PMID: 19562389; PubMed Central PMCID: PMC2899318.

418: Wenger M, Markwalder TM. Fluoronavigation-assisted, lumbar vertebroplasty for a painful Schmorl node. *J Clin Neurosci.* 2009 Sep;16(9):1250-1. doi: 10.1016/j.jocn.2008.11.016. Epub 2009 Jun 17. PubMed PMID: 19539476.

419: Anderegg L, Meyer M, Guzman R, Ducray AD, Widmer HR. Effects of GDNF pretreatment on function and survival of transplanted fetal ventral mesencephalic cells in the 6-OHDA rat model of Parkinson's disease. *Brain Res.* 2009 Jun 18;1276:39-49. doi: 10.1016/j.brainres.2009.04.021. Epub 2009 Apr 21. PubMed PMID: 19389387.

420: Fathi AR, Eshtehardi P, Meier B. Patent foramen ovale and neurosurgery in sitting position: a systematic review. *Br J Anaesth.* 2009 May;102(5):588-96. doi: 10.1093/bja/aep063. Epub 2009 Apr 4. Review. PubMed PMID: 19346525.

421: Röder C, Staub L, Dietrich D, Zweig T, Melloh M, Aebi M. Benchmarking with Spine Tango: potentials and pitfalls. *Eur Spine J.* 2009 Aug;18 Suppl 3:305-11. doi: 10.1007/s00586-009-0943-7. Epub 2009 Apr 1. Review. PubMed PMID: 19337759; PubMed Central PMCID: PMC2899327.

422: Luyet C, Eichenberger U, Greif R, Vogt A, Szücs Farkas Z, Moriggl B. Ultrasound-guided paravertebral puncture and placement of catheters in human cadavers: an imaging study. *Br J Anaesth.* 2009 Apr;102(4):534-9. doi: 10.1093/bja/aep015. Epub 2009 Feb 24. PubMed PMID: 19244265.

423: Forterre F, Jaggy A, Rohrbach H, Dickomeit M, Konar M. Modified temporal approach for a rostro-temporal basal meningioma in a cat. *J Feline Med Surg.* 2009 Jun;11(6):510-3. doi: 10.1016/j.jfms.2008.11.002. Epub 2008 Dec 25. PubMed PMID: 19111492.

424: Wiest R, Schroth G, Mattle HP. [Imaging for disorders in neurology and neurosurgery]. *Ther Umsch.* 2009 Jan;66(1):9-17. doi: 10.1024/0040-5930.66.1.9. Review. German. PubMed PMID: 19105150.

425: Bregy A, Bogni S, Bernau VJ, Vajtai I, Vollbach F, Petri-Fink A, Constantinescu M, Hofmann H, Frenz M, Reinert M. Solder doped polycaprolactone scaffold enables reproducible laser tissue

soldering. *Lasers Surg Med.* 2008 Dec;40(10):716-25. doi: 10.1002/lsm.20710. PubMed PMID: 19065561.

426: Wenger M, Stähli DM, Roth BE, Markwalder TM. Endplate resorption following manual fracture reduction and vertebroplasty in the lumbar spine. *Acta Neurochir (Wien).* 2008 Dec;150(12):1313-4. doi: 10.1007/s00701-008-0146-8. Epub 2008 Nov 18. PubMed PMID: 19015812.

427: Locher S, Burmeister H, Böhlen T, Eichenberger U, Stoupis C, Moriggl B, Siebenrock K, Curatolo M. Obturator nerve block: a technique based on anatomical findings and MRI analysis. *Pain Med.* 2008 Nov;9(8):1012-15. PubMed PMID: 20419870.

428: Luyet C, Eichenberger U, Moriggl B, Remonda L, Greif R. Real-time visualization of ultrasound-guided retrobulbar blockade: an imaging study. *Br J Anaesth.* 2008 Dec;101(6):855-9. doi: 10.1093/bja/aen293. Epub 2008 Oct 23. PubMed PMID: 18948389.

429: Guzman R, Lovblad KO, Altrichter S, Remonda L, de Koning P, Andres RH, El-Koussy M, Kelly ME, Reiber JH, Schroth G, Oswald H, Barth A. Clinical validation of an automated vessel-segmentation software of the extracranial-carotid arteries based on 3D-MRA: a prospective study. *J Neuroradiol.* 2008 Dec;35(5):278-85. doi: 10.1016/j.neurad.2008.07.001. Epub 2008 Aug 15. PubMed PMID: 18707758.

430: Fathi AR, Marbacher S, Lukes A. Cost-effective patient-specific intraoperative molded cranioplasty. *J Craniofac Surg.* 2008 May;19(3):777-81. doi: 10.1097/SCS.0b013e31816b1b2a. PubMed PMID: 18520398.

431: Alfieri A, Bregy A, Constantinescu M, Stuker F, Schaffner T, Frenz M, Banic A, Reinert M. Tight contact technique during side-to-side laser tissue soldering of rabbit aortas improves tensile strength. *Acta Neurochir Suppl.* 2008;103:87-92. PubMed PMID: 18496951.

432: Taussky P, Widmer HR, Takala J, Fandino J. Outcome after acute traumatic subdural and epidural haematoma in Switzerland: a single-centre experience. *Swiss Med Wkly.* 2008 May 3;138(19-20):281-5. doi: 2008/19/smw-12056. PubMed PMID: 18491241.

433: Locher S, Burmeister H, Böhlen T, Eichenberger U, Stoupis C, Moriggl B, Siebenrock K, Curatolo M. Radiological anatomy of the obturator nerve and its articular branches: basis to develop a method of radiofrequency denervation for hip joint pain. *Pain Med.* 2008 Apr;9(3):291-8. doi: 10.1111/j.1526-4637.2007.00353.x. PubMed PMID: 18366509.

434: Marbacher S, Andres RH, Fathi AR, Fandino J. Primary reconstruction of open depressed skull fractures with titanium mesh. *J Craniofac Surg.* 2008 Mar;19(2):490-5. doi: 10.1097/SCS.0b013e3181534ae8. PubMed PMID: 18362730.

435: Andres RH, Schroth G, Remonda L. Neurological picture. Extensive cerebral calcification in a patient with systemic lupus erythematosus. *J Neurol Neurosurg Psychiatry.* 2008 Apr;79(4):365. doi: 10.1136/jnnp.2007.125393. PubMed PMID: 18344390.

436: Andres RH, Binggeli R. Ossification of the posterior longitudinal ligament. *J Rheumatol.* 2008 Mar;35(3):528-9. PubMed PMID: 18322975.

437: Bregy A, Alfieri A, Demertzis S, Mordasini P, Jetzer AK, Kuhlen D, Schaffner T, Dacey R, Steiger HJ, Reinert M. Automated end-to-side anastomosis to the middle cerebral artery: a feasibility study. *J Neurosurg.* 2008 Mar;108(3):567-74. doi: 10.3171/JNS/2008/108/3/0567. PubMed PMID: 18312105.

- 438: Fathi AR, Novoa E, El-Koussy M, Kappeler A, Mariani L, Vajtai I. Astroblastoma with rhabdoid features and favorable long-term outcome: report of a case with a 12-year follow-up. *Pathol Res Pract*. 2008;204(5):345-51. doi: 10.1016/j.prp.2007.12.003. Epub 2008 Feb 14. PubMed PMID: 18280055.
- 439: Haschtmann D, Stahel PF, Heyde CE. Management of a multiple trauma patient with extensive instability of the lumbar spine as a result of a bilateral facet dislocation and multiple complete vertebral burst fractures. *J Trauma*. 2009 Mar;66(3):922-30. doi: 10.1097/01.ta.0000215415.87801.fc. PubMed PMID: 18277288.
- 440: Wenger M, Markwalder TM. Vertebroplasty combined with pedicular instrumentation. *J Clin Neurosci*. 2008 Mar;15(3):257-62. doi: 10.1016/j.jocn.2006.07.015. Epub 2008 Jan 22. PubMed PMID: 18207410.
- 441: Bley T, Lang J, Jaggy A, Tomek A, Forterre F. Lumbar spinal 'juxtaarticular' cyst in a Gordon setter. *J Vet Med A Physiol Pathol Clin Med*. 2007 Nov;54(9):494-8. PubMed PMID: 17931223.
- 442: Reinert M, Andres RH, Fuhrer M, Müller A, Schaller B, Widmer H. Online correlation of spontaneous arterial and intracranial pressure fluctuations in patients with diffuse severe head injury. *Neurol Res*. 2007 Jul;29(5):455-62. PubMed PMID: 17806207.
- 443: Fathi AR, Vassella E, Arnold M, Curschmann J, Reinert M, Vajtai I, Weis J, Deiana G, Mariani L. Objective response to radiation therapy and long-term survival of patients with WHO grade II astrocytic gliomas with known LOH 1p/19q status. *Strahlenther Onkol*. 2007 Sep;183(9):517-22. PubMed PMID: 17762927.
- 444: Andres RH, Guzman R, Weis J, Schroth G, Barth A. Granuloma formation and occlusion of an unruptured aneurysm after wrapping. *Acta Neurochir (Wien)*. 2007;149(9):953-8; discussion 958. Epub 2007 Aug 6. PubMed PMID: 17676408.
- 445: Vajtai I, Arnold M, Kappeler A, Jeless O, Lukes A, Mariani L, Paulus W. Rosette-forming glioneuronal tumor of the fourth ventricle: report of two cases with a differential diagnostic overview. *Pathol Res Pract*. 2007;203(8):613-9. Epub 2007 Jul 24. PubMed PMID: 17651910.
- 446: Vanhecke D, Studer D, Ochs M. Stereology meets electron tomography: towards quantitative 3D electron microscopy. *J Struct Biol*. 2007 Sep;159(3):443-50. Epub 2007 May 25. PubMed PMID: 17606383.
- 447: Marbacher S, Barth A, Arnold M, Seiler RW. Multiple spinal extradural meningeal cysts presenting as acute paraplegia. Case report and review of the literature. *J Neurosurg Spine*. 2007 May;6(5):465-72. Review. PubMed PMID: 17542516.
- 448: Ducray AD, Schläppi JA, Qualls R, Andres RH, Seiler RW, Schlattner U, Wallimann T, Widmer HR. Creatine treatment promotes differentiation of GABA-ergic neuronal precursors in cultured fetal rat spinal cord. *J Neurosci Res*. 2007 Jul;85(9):1863-75. PubMed PMID: 17526013.
- 449: Barth A, Guzman R, Andres RH, Mordasini P, Barth L, Widmer HR. Experimental intracerebral hematoma in the rat. *Restor Neurol Neurosci*. 2007;25(1):1-7. PubMed PMID: 17473390.
- 450: Wenger M, Zobor N, Markwalder R, Vogt E, Markwalder TM. Intradural extramedullary arachnoid cyst of the thoracic spine associated with cord compression. *J Clin Neurosci*. 2007 Jul;14(7):693-6. Epub 2007 Apr 25. PubMed PMID: 17462905.
- 451: Caversaccio M, Langlotz F, Nolte LP, Häusler R. Impact of a self-developed planning and self-

constructed navigation system on skull base surgery: 10 years experience. *Acta Otolaryngol.* 2007 Apr;127(4):403-7. PubMed PMID: 17453461.

452: Morelius M, Bergadano A, Spreng D, Schawalder P, Doherr M, Forterre F. Influence of surgical approach on the efficacy of the intervertebral disk fenestration: a cadaveric study. *J Small Anim Pract.* 2007 Feb;48(2):87-92. PubMed PMID: 17286661.

453: Ducray AD, Qualls R, Schlattner U, Andres RH, Dreher E, Seiler RW, Wallimann T, Widmer HR. Creatine promotes the GABAergic phenotype in human fetal spinal cord cultures. *Brain Res.* 2007 Mar 16;1137(1):50-7. Epub 2006 Dec 20. PubMed PMID: 17223088.

454: Reinert M, Verweij BH, Schaffner T, Mihalache G, Schroth G, Seiler RW, Tulleken CA. Expanded polytetrafluoroethylene graft for bypass surgery using the excimer laser-assisted nonocclusive anastomosis technique. *J Neurosurg.* 2006 Nov;105(5):758-64. PubMed PMID: 17121140.

455: Reinert M, Babey M, Curschmann J, Vajtai I, Seiler RW, Mariani L. Morbidity in 201 patients with small sized meningioma treated by microsurgery. *Acta Neurochir (Wien).* 2006 Dec;148(12):1257-65; discussion 1266. Epub 2006 Nov 9. PubMed PMID: 17086473.

456: Wenger M, Teuscher J, Markwalder R, Markwalder TM. Total spondylectomy and circular reconstruction for L5 vertebral body chordoma using a telescopic lordotic cage. *Acta Orthop.* 2006 Oct;77(5):825-9. PubMed PMID: 17068718.

457: Ochs M. A brief update on lung stereology. *J Microsc.* 2006 Jun;222(Pt 3):188-200. PubMed PMID: 16872418.

458: Reinert M, Barth A, Schroth G, Seiler RW. Repeated laser-assisted high-flow bypass for recurrent giant intracranial aneurysm. *Swiss Med Wkly.* 2006 May 27;136(21-22):353-6. PubMed PMID: 16779716.

459: Loher TJ, Bärlocher CB, Krauss JK. Dystonic movement disorders and spinal degenerative disease. *Stereotact Funct Neurosurg.* 2006;84(1):1-11. Epub 2006 Apr 12. Review. PubMed PMID: 16612138.

460: Barth A, Arnold M, Mattle HP, Schroth G, Remonda L. Contrast-enhanced 3-D MRA in decision making for carotid endarterectomy: a 6-year experience. *Cerebrovasc Dis.* 2006;21(5-6):393-400. Epub 2006 Mar 9. PubMed PMID: 16534196.

461: Wenger M, Vogt E, Markwalder TM. Double-segment Wilhelm Tell technique for anterior lumbar interbody fusion in unstable isthmic spondylolisthesis and adjacent segment discopathy. *J Clin Neurosci.* 2006 Feb;13(2):265-9. Epub 2006 Feb 3. PubMed PMID: 16459090.

462: Eichenberger U, Greher M, Kapral S, Marhofer P, Wiest R, Remonda L, Bogduk N, Curatolo M. Sonographic visualization and ultrasound-guided block of the third occipital nerve: prospective for a new method to diagnose C2-C3 zygapophysial joint pain. *Anesthesiology.* 2006 Feb;104(2):303-8. PubMed PMID: 16436850.

463: Ducray A, Krebs SH, Schaller B, Seiler RW, Meyer M, Widmer HR. GDNF family ligands display distinct action profiles on cultured GABAergic and serotonergic neurons of rat ventral mesencephalon. *Brain Res.* 2006 Jan 19;1069(1):104-12. Epub 2005 Dec 27. PubMed PMID: 16380100.

464: Zihlmann KB, Ducray AD, Schaller B, Huber AW, Krebs SH, Andres RH, Seiler RW, Meyer M, Widmer HR. The GDNF family members neurturin, artemin and persephin promote the morphological

differentiation of cultured ventral mesencephalic dopaminergic neurons. *Brain Res Bull.* 2005 Dec 15;68(1-2):42-53. Epub 2004 Dec 18. PubMed PMID: 16325003.

465: Ducray A, Kipfer S, Huber AW, Andres RH, Seiler RW, Schlattner U, Wallimann T, Widmer HR. Creatine and neurotrophin-4/5 promote survival of nitric oxide synthase-expressing interneurons in striatal cultures. *Neurosci Lett.* 2006 Feb 27;395(1):57-62. Epub 2005 Nov 28. PubMed PMID: 16314046.

466: Vogt A, Stieger DS, Theurillat C, Curatolo M. Single-injection thoracic paravertebral block for postoperative pain treatment after thoracoscopic surgery. *Br J Anaesth.* 2005 Dec;95(6):816-21. Epub 2005 Sep 30. PubMed PMID: 16199417.

467: Reinert M, Brekenfeld C, Taussky P, Andres R, Barth A, Seiler RW. Cerebral revascularization model in a swine. *Acta Neurochir Suppl.* 2005;94:153-7. PubMed PMID: 16060257.

468: Barth A. Conventional microsurgical endarterectomy. *Acta Neurochir Suppl.* 2005;94:129-32. Review. PubMed PMID: 16060252.

469: Pappas IP, Ryan P, Cossmann P, Kowal J, Borgeson B, Caversaccio M. Improved targeting device and computer navigation for accurate placement of brachytherapy needles. *Med Phys.* 2005 Jun;32(6):1796-801. PubMed PMID: 16013737.

470: Reisch T, Brekenfeld C, Barth A. A case of hydrocephalus occlusus presenting as bipolar disorder. *Acta Psychiatr Scand.* 2005 Aug;112(2):159-62; discussion 162-3. PubMed PMID: 15992398.

471: Svetcic G, Eichenberger U, Curatolo M. Safety of mixture of morphine with ketamine for postoperative patient-controlled analgesia: an audit with 1026 patients. *Acta Anaesthesiol Scand.* 2005 Jul;49(6):870-5. PubMed PMID: 15954974.

472: Wenger M, Markwalder TM. A novel surgical treatment of lumbar disc herniation in patients with long-standing degenerative disc disease. *J Neurosurg Spine.* 2005 May;2(5):515-20, discussion 513-4. PubMed PMID: 15945425.

473: Gralla J, Guzman R, Brekenfeld C, Remonda L, Kiefer C. High-resolution three-dimensional T2-weighted sequence for neuronavigation: a new setup and clinical trial. *J Neurosurg.* 2005 Apr;102(4):658-63. PubMed PMID: 15871508.

474: Wenger M, Sapio N, Markwalder TM. Long-term outcome in 132 consecutive patients after posterior internal fixation and fusion for Grade I and II isthmic spondylolisthesis. *J Neurosurg Spine.* 2005 Mar;2(3):289-97. PubMed PMID: 15796353.

475: Wenger M, Braun M, Markwalder TM. Post-traumatic cervical kyphosis with surgical correction complicated by temporary anterior spinal artery syndrome. *J Clin Neurosci.* 2005 Feb;12(2):193-6. PubMed PMID: 15749431.

476: Schaller B, Andres RH, Huber AW, Meyer M, Pérez-Bouza A, Ducray AD, Seiler RW, Widmer HR. Effect of GDNF on differentiation of cultured ventral mesencephalic dopaminergic and non-dopaminergic calretinin-expressing neurons. *Brain Res.* 2005 Mar 2;1036(1-2):163-72. PubMed PMID: 15725414.

477: Trepp R, Stettler C, Zwahlen M, Seiler R, Diem P, Christ ER. Treatment outcomes and mortality of 94 patients with acromegaly. *Acta Neurochir (Wien).* 2005 Mar;147(3):243-51; discussion 250-1. PubMed PMID: 15627919.

478: Hausmann O. [Informed consent and quality management in neurosurgery]. Praxis (Bern 1994). 2004 Nov 10;93(46):1918-20. Review. German. PubMed PMID: 15580884.

479: Svetcic G, Gentilini A, Eichenberger U, Zanderigo E, Sartori V, Luginbühl M, Curatolo M. Combinations of bupivacaine, fentanyl, and clonidine for lumbar epidural postoperative analgesia: a novel optimization procedure. Anesthesiology. 2004 Dec;101(6):1381-93. PubMed PMID: 15564946.

480: Bellanger S, Steinbrecher A. [Told story (stories): brain death from the viewpoint of the actors]. Praxis (Bern 1994). 2004 Aug 11;93(33):1328-32. German. PubMed PMID: 15453438.

481: Fandino J, Keller E, Barth A, Landolt H, Yonekawa Y, Seiler RW. Decompressive craniotomy after middle cerebral artery infarction. Retrospective analysis of patients treated in three centres in Switzerland. Swiss Med Wkly. 2004 Jul 24;134(29-30):423-9. PubMed PMID: 15389353.

482: Guzman R, Dubach-Schwizer S, Heini P, Lovblad KO, Kalbermatten D, Schroth G, Remonda L. Preoperative transarterial embolization of vertebral metastases. Eur Spine J. 2005 Apr;14(3):263-8. Epub 2004 Sep 16. PubMed PMID: 15378414; PubMed Central PMCID: PMC3476739.

483: Reinert M, Wiest R, Barth L, Andres R, Ozdoba C, Seiler R. Transdermal nitroglycerin in patients with subarachnoid hemorrhage. Neurol Res. 2004 Jun;26(4):435-9. PubMed PMID: 15198873.

484: von Fellenberg A, Lin S, Burgunder JM. Disturbed trafficking of dystrophin and associated proteins in targetoid phenomena after chronic muscle denervation. Neuropathol Appl Neurobiol. 2004 Jun;30(3):255-66. PubMed PMID: 15175079.

485: Wendt TG, Gademann G, Pambor C, Grießbach I, von Specht H, Martin T, Baltas D, Kurek R, Röddiger S, Tunn UW, Zamboglou N, Eich HT, Staar S, Gossmann A, Hansemann K, Semrau R, Skripnitchenko R, Diehl V, Müller RP, Sehlen S, Willich N, Rühl U, Lukas P, Dühmke E, Engel K, Tabbert E, Bolck M, Knaack S, Annweiler H, Krempien R, Hoppe H, Harms W, Daeuber S, Schorr O, Treiber M, Debus J, Alber M, Paulsen F, Birkner M, Bakai A, Belka C, Budach W, Grosser KH, Kramer R, Kober B, Reinert M, Schneider P, Hertel A, Feldmann H, Csere P, Hoinkis C, Rothe G, Zahn P, Alheit H, Cavanaugh SX, Kupelian P, Reddy C, Pollock B, Fuss M, Roeddiger S, Dannenberg T, Rogge B, Drechsler D, Herrmann T, Alberti W, Schwarz R, Graefen M, Krüll A, Rudat V, Huland H, Fehr C, Baum C, Glocker S, Nüsslin F, Heil T, Lemnitzer H, Knips M, Baumgart O, Thiem W, Kloetzer KH, Hoffmann L, Neu B, Hültenschmidt B, Sautter-Bühl ML, Micke O, Seegenschmiedt MH, Köppen D, Klautke G, Fietkau R, Schultze J, Schlichting G, Koltze H, Kimmig B, Glatzel M, Fröhlich D, Bäsecke S, Krauß A, Strauß D, Buth KJ, Böhme R, Oehler W, Bottke D, Keilholz U, Heufelder K, Wiegel T, Hinkelbein W, Rödel C, Papadopoulos T, Munnes M, Wirtz R, Sauer R, Rödel F, Lubgan D, Distel L, Grabenbauer GG, Sak A, Stüben G, Pöttgen C, Grehl S, Stuschke M, Müller K, Pfaffendorf C, Mayerhofer A, Köhn FM, Ring J, van Beuningen D, Meineke V, Neubauer S, Keller U, Wittlinger M, Riesenbeck D, Greve B, Exeler R, Ibrahim M, Liebscher C, Severin E, Ott O, Pötter R, Hammer J, Hildebrandt G, Beckmann MW, Strnad V, Fehlaue F, Tribius S, Bajrovic A, Höller U, Rades D, Warszawski A, Baumann R, Madry-Gevecke B, Karstens JH, Grehn C, Hensley F, Berns C, Wannenmacher M, Semrau S, Reimer T, Gerber B, Ketterer P, Koepcke E, Hänsgen G, Strauß HG, Dunst J, Füller J, Kalb S, Wendt T, Weitmann HD, Waldhäusl C, Knocke TH, Lamprecht U, Classen J, Kaulich TW, Aydeniz B, Bamberg M, Wiezorek T, Banz N, Salz H, Scheithauer M, Schwedas M, Lutterbach J, Bartelt S, Frommhold H, Lambert J, Hornung D, Swiderski S, Walke M, Siefert A, Pöllinger B, Krimmel K, Schaffer M, Koelbl O, Bratengeier K, Vordermark D, Flentje M, Hero B, Berthold F, Combs SE, Gutwein S, Schulz-Ertner D, van Kampen M, Thilmann C, Kocher M, Kunze S, Schild S, Ikezaki K, Müller B, Sieber R, Weiß C, Wolf I, Wenz F, Weber KJ, Schäfer J, Engling A, Laufs S, Veldwijk MR, Milanovic D, Fleckenstein K, Zeller W, Fruehauf S, Herskind C, Weinmann M, Jendrossek V, Rübe C, Appold S, Kusche S, Hölscher T, Brüchner K, Geyer P, Baumann M, Kumpf R, Zimmermann F, Schill S, Geinitz H, Nieder C, Jeremic B, Molls M, Liesenfeld S, Petrat H, Hesselmann S,

Schäfer U, Bruns F, Horst E, Wilkowski R, Assmann G, Nolte A, Diebold J, Löhrs U, Fritz P, Hans-Jürgen K, Mühlnickel W, Bach P, Wahlers B, Kraus HJ, Wulf J, Hädinger U, Baier K, Krieger T, Müller G, Hof H, Herfarth K, Brunner T, Hahn SM, Schreiber FS, Rustgi AK, McKenna WG, Bernhard EJ, Guckenberger M, Meyer K, Willner J, Schmidt M, Kolb M, Li M, Gong P, Abdollahi A, Trinh T, Huber PE, Christiansen H, Saile B, Neubauer-Saile K, Tippelt S, Rave-Fränk M, Hermann RM, Dudas J, Hess CF, Schmidberger H, Ramadori G, Andratschke N, Price R, Ang KK, Schwarz S, Kulka U, Busch M, Schlenger L, Bohsung J, Eichwurz I, Matnjani G, Sandrock D, Richter M, Wurm R, Budach V, Feussner A, Gellermann J, Jordan A, Scholz R, Gneveckow U, Maier-Hauff K, Ullrich R, Wust P, Felix R, Waldöfner N, Seebass M, Ochel HJ, Dani A, Varkonyi A, Osvath M, Szasz A, Messer PM, Blumstein NM, Gottfried HW, Schneider E, Reske SN, Röttinger EM, Grosu AL, Franz M, Stärk S, Weber W, Heintz M, Indenkämpen F, Beyer T, Lübcke W, Levegrün S, Hayen J, Czech N, Mbarek B, Köster R, Thurmann H, Todorovic M, Schuchert A, Meinertz T, Münzel T, Grundtke H, Hornig B, Hehr T, Dilcher C, Chan RC, Mintz GS, Kotani JI, Shah VM, Canos DA, Weissman NJ, Waksman R, Wolfram R, Bürger B, Schrappe M, Timmermann B, Lomax A, Goitein G, Schuck A, Mattke A, Int-Veen C, Brecht I, Bernhard S, Treuner J, Koscielniak E, Heinze F, Kühlen M, von Schorlemer I, Ahrens S, Hunold A, Könemann S, Winkelmann W, Jürgens H, Gerstein J, Polivka B, Sykora KW, Bremer M, Thamm R, Höpfner C, Gumprecht H, Jäger R, Leonardi MA, Frank AM, Trappe AE, Lumenta CB, Östreicher E, Pinsker K, Müller A, Fauser C, Arnold W, Henzel M, Groß MW, Engenhart-Cabillic R, Schüller P, Palkovic S, Schröder J, Wassmann H, Block A, Bauer R, Keffel FW, Theophil B, Wissner L, Rogger M, Niewald M, van Lengen V, Mathias K, Welzel G, Bohrer M, Steinvorth S, Schleußner C, Leppert K, Röhrig B, Strauß B, van Oorschot B, Köhler N, Anselm R, Winzer A, Schneider T, Koch U, Schönekaes K, Mücke R, Büntzel J, Kisters K, Scholz C, Keller M, Winkler C, Prause N, Busch R, Roth S, Haas I, Willers R, Schultze-Mosgau S, Wiltfang J, Kessler P, Neukam FW, Röper B, Nüse N, Auer F, Melzner W, Geiger M, Lotter M, Kuhnt T, Müller AC, Jirsak N, Gernhardt C, Schaller HG, Al-Nawas B, Klein MO, Ludwig C, Körholz J, Grötz KA, Huppers K, Kunkel M, Olschewski T, Bajor K, Lang B, Lang E, Kraus-Tiefenbacher U, Hofheinz R, von Gerstenberg-Helldorf B, Willeke F, Hochhaus A, Roebel M, Oertel S, Riedl S, Buechler M, Foitzik T, Ludwig K, Klar E, Meyer A, Meier Zu Eissen J, Schwab D, Meyer T, Höcht S, Siegmann A, Sieker F, Pigorsch S, Milicic B, Acimovic L, Milisavljevic S, Radosavljevic-Asic G, Presselt N, Baum RP, Treutler D, Bonnet R, Schmücking M, Sammour D, Fink T, Ficker J, Pradier O, Lederer K, Weiss E, Hille A, Welz S, Sepe S, Friedel G, Spengler W, Susanne E, Kölbl O, Hoffmann W, Wörmann B, Günther A, Becker-Schiebe M, Güttler J, Schul C, Nitsche M, Körner MK, Oppenkowski R, Guntrum F, Malaimare L, Raub M, Schöfl C, Averbek T, Hacker I, Blank H, Böhme C, Imhoff D, Eberlein K, Weidauer S, Böttcher HD, Edler L, Tatagiba M, Molina H, Ostertag C, Milker-Zabel S, Zabel A, Schlegel W, Hartmann A, Wildfang I, Kleinert G, Hamm K, Reuschel W, Wehrmann R, Kneschaurek P, Münter MW, Nikoghosyan A, Didinger B, Nill S, Rhein B, Küstner D, Schalldach U, Eßer D, Göbel H, Wördehoff H, Pachmann S, Hollenhorst H, Dederer K, Evers C, Lamprecht J, Dastbaz A, Schick B, Fleckenstein J, Plinkert PK, Rübe C, Merz T, Sommer B, Mencl A, Ghilescu V, Astner S, Martin A, Momm F, Volegova-Neher NJ, Schulte-Mönting J, Guttenberger R, Buchali A, Blank E, Sidow D, Huhnt W, Gorbato T, Heinecke A, Beckmann G, Bentia AM, Schmitz H, Spahn U, Heyl V, Prott PJ, Galalae R, Schneider R, Voith C, Sceda A, Hermann B, Bauer L, Melchert F, Kröger N, Grüneisen A, Jänicke F, Zander A, Zuna I, Schlöcker I, Wagner K, John E, Dörk T, Lochhas G, Houf M, Lorenz D, Link KH, Prott FJ, Thoma M, Schauer R, Heinemann V, Romano M, Reiner M, Quanz A, Oppitz U, Bahrehmand R, Tine M, Naszaly A, Patonay P, Mayer Á, Markert K, Mai SK, Lohr F, Dobler B, Pinkawa M, Fishedick K, Treusacher P, Cengiz D, Mager R, Borchers H, Jakse G, Eble MJ, Asadpour B, Krenkel B, Holy R, Kaplan Y, Block T, Czempel H, Haverkamp U, Prümer B, Christian T, Benkel P, Weber C, Gruber S, Reimann P, Blumberg J, Krause K, Fishedick AR, Kaube K, Steckler K, Henzel B, Licht N, Loch T, Krystek A, Lilienthal A, Alfia H, Claßen J, Spillner P, Knutzen B, Souchon R, Schulz I, Grünschow K, Küchenmeister U, Vogel H, Wolff D, Ramm U, Licner J, Rudolf F, Moog J, Rahl CG, Mose S, Vorwerk H, Weiß E, Engert A, Seufert I, Schwab F, Dahlke J, Zabelina T, Krüger W, Kabisch H, Platz V, Wolf J, Pfistner B, Stieltjes B, Wilhelm T, Schmucking M, Junker K, Treutier D, Schneider CP, Leonhardi J, Niesen A, Hoeffken K, Schmidt A, Mueller KM, Schmid I, Lehmann K, Blumstein CG, Kreienberg R, Freudenberg L, Kühl H, Stahl M, Elo B, Erichsen P, Statta H, Welzel T, Mende U, Heiland S, Salter BJ,

Schmid R, Stratakis D, Huber RM, Haferanke J, Zöller N, Henke M, Lorenzen J, Grzyska B, Kuhlmeier A, Adam G, Hamelmann V, Bölling T, Job H, Panke JE, Feyer P, Püttmann S, Siekmeyer B, Jung H, Gagel B, Militz U, Piroth M, Schmachtenberg A, Hoelscher T, Verfaillie C, Kaminski B, Lücke E, Mörtel H, Eyrich W, Fritsch M, Georgi JC, Plathow C, Zieher H, Kiessling F, Peschke P, Kauczor HU, Licher J, Schneider O, Henschler R, Seidel C, Kolkmeier A, Nguyen TP, Janke K, Michaelis M, Bischof M, Stoffregen C, Lipson K, Weber K, Ehemann V, Jürgen D, Achanta P, Thompson K, Martinez JL, Körschgen T, Pakala R, Pinnow E, Hellinga D, O'Tio F, Katzer A, Kaffer A, Kuechler A, Steinkirchner S, Dettmar N, Cordes N, Frick S, Kappler M, Taubert H, Bartel F, Schmidt H, Bache M, Frühauf S, Wenk T, Litzenberger K, Erren M, van Valen F, Liu L, Yang K, Palm J, Püsken M, Behe M, Behr TM, Marini P, John A, Claussen U, Liehr T, Steil V, Moustakis C, Griessbach I, Oettel A, Schaal C, Reinhold M, Strassmann G, Braun I, Vacha P, Richter D, Osterham T, Wolf P, Guenther G, Miemietz M, Lazaridis EA, Forthuber B, Sure M, Klein J, Saleske H, Riedel T, Hirnle P, Horstmann G, Schoepgens H, Van Eck A, Bundschuh O, Van Oosterhut A, Xydis K, Theodorou K, Kappas C, Zurheide J, Fridtjof N, Ganswindt U, Weidner N, Buchgeister M, Weigel B, Müller SB, Glashörster M, Weining C, Hentschel B, Sauer OA, Kleen W, Beck J, Lehmann D, Ley S, Fink C, Puderbach M, Hosch W, Schmähle A, Jung K, Stoßberg A, Rolf E, Damrau M, Oetzel D, Maurer U, Maurer G, Lang K, Zumbe J, Hahm D, Fees H, Robrandt B, Melcher U, Niemeyer M, Mondry A, Kanellopoulos-Niemeyer V, Karle H, Jacob-Heutmann D, Born C, Mohr W, Kutzner J, Thelen M, Schiebe M, Pinkert U, Piasswilm L, Pohl F, Garbe S, Wolf K, Nour Y, Barwig P, Trog D, Schäfer C, Herbst M, Dietl B, Cartes M, Schroeder F, Sigingan-Tek G, Feierabend R, Theden S, Schlieck A, Gotthardt M, Glowalla U, Kremp S, Hamid O, Riefenstahl N, Michaelis B, Schaal G, Liebermeister E, Niewöhner-Desbordes U, Kowalski M, Franz N, Stahl W, Baumbach C, Thale J, Wagner W, Justus B, Huston AL, Seaborn R, Rai P, Rha SW, Sakas G, Wesarg S, Zogal P, Schwald B, Seibert H, Berndt-Skorka R, Seifert G, Schoenekaes K, Bilecen C, Ito W, Matschuck G, Isik D. [Not Available]. *Strahlenther Onkol.* 2004 Jun;180 Suppl 1:5-87. doi: 10.1007/BF03356734. German. PubMed PMID: 27137922.

486: Mariani L, Siegenthaler P, Guzman R, Friedrich D, Fathi AR, Ozdoba C, Weis J, Ballinari P, Seiler RW. The impact of tumour volume and surgery on the outcome of adults with supratentorial WHO grade II astrocytomas and oligoastrocytomas. *Acta Neurochir (Wien).* 2004 May;146(5):441-8. Epub 2004 Mar 22. PubMed PMID: 15118879.

487: Amstutz C, Caversaccio M, Kowal J, Bächler R, Nolte LP, Häusler R, Styner M. A-mode ultrasound-based registration in computer-aided surgery of the skull. *Arch Otolaryngol Head Neck Surg.* 2003 Dec;129(12):1310-6. PubMed PMID: 14676157.

488: Balsiger BM, Sarr MG. Chronic extrinsic denervation of the small bowel: effect on adrenergic and cholinergic contractile mechanisms in canine ileal circular muscle. *Surgery.* 2003 Nov;134(5):783-90. PubMed PMID: 14639357.

489: Wenger M. Vertebroplasty for metastases. *Med Oncol.* 2003;20(3):203-9. Review. PubMed PMID: 14514969.

490: Guzman R, Remonda L, Barth A. Angiographically undetected aneurysm in the neck remnant after endovascular coiling. *Acta Neurochir (Wien).* 2003 Sep;145(9):815-6; discussion 816-7. PubMed PMID: 14505113.

491: Wenger M, Adam PJ, Alarcón F, Markwalder TM. Traumatic cervical instability associated with cord oedema and temporary quadriplegia. *Spinal Cord.* 2003 Sep;41(9):521-6. PubMed PMID: 12934094.

492: Reinert M, Barth A, Rothen HU, Schaller B, Takala J, Seiler RW. Effects of cerebral perfusion pressure and increased fraction of inspired oxygen on brain tissue oxygen, lactate and glucose in patients with severe head injury. *Acta Neurochir (Wien).* 2003 May;145(5):341-9; discussion 349-50.

PubMed PMID: 12820040.

493: Matarredona ER, Meyer M, Seiler RW, Widmer HR. CGP 3466 increases survival of cultured fetal dopaminergic neurons. *Restor Neurol Neurosci*. 2003;21(1-2):29-37. PubMed PMID: 12808200.

494: Balsiger BM, He CL, Zyromski NJ, Sarr MG. Neuronal adrenergic and muscular cholinergic contractile hypersensitivity in canine jejunum after extrinsic denervation. *J Gastrointest Surg*. 2003 May-Jun;7(4):572-582. doi: 10.1016/S1091-255X(02)00154-3. PubMed PMID: 12763419.

495: Boschert J, Hellwig D, Krauss JK. Endoscopic third ventriculostomy for shunt dysfunction in occlusive hydrocephalus: long-term follow up and review. *J Neurosurg*. 2003 May;98(5):1032-9. PubMed PMID: 12744363.

496: Guzman R, Barth A, Lövblad KO, El-Koussy M, Weis J, Schroth G, Seiler RW. Use of diffusion-weighted magnetic resonance imaging in differentiating purulent brain processes from cystic brain tumors. *J Neurosurg*. 2002 Nov;97(5):1101-7. PubMed PMID: 12450032.

497: Reinert M, Alessandri B, Seiler R, Bullock R. Influence of inspired oxygen on glucose-lactate dynamics after subdural hematoma in the rat. *Neurol Res*. 2002 Sep;24(6):601-6. PubMed PMID: 12238629.

498: Heini PF, Dain Allred C. The use of a side-opening injection cannula in vertebroplasty: a technical note. *Spine (Phila Pa 1976)*. 2002 Jan 1;27(1):105-9. PubMed PMID: 11805646.

499: Lardinois D, Ris HB. Minimally invasive video-endoscopic sympathectomy by use of a transaxillary single port approach. *Eur J Cardiothorac Surg*. 2002 Jan;21(1):67-70. PubMed PMID: 11788259.

500: Loeffler JM, Bodmer T, Zimmerli W, Leib SL. Nocardial brain abscess: observation of treatment strategies and outcome in Switzerland from 1992 to 1999. *Infection*. 2001 Dec;29(6):337-41. PubMed PMID: 11787836.

501: Meyer M, Matarredona ER, Seiler RW, Zimmer J, Widmer HR. Additive effect of glial cell line-derived neurotrophic factor and neurotrophin-4/5 on rat fetal nigral explant cultures. *Neuroscience*. 2001;108(2):273-84. PubMed PMID: 11734360.

502: Frei H, Oxland TR, Rathonyi GC, Nolte LP. The effect of nucleotomy on lumbar spine mechanics in compression and shear loading. *Spine (Phila Pa 1976)*. 2001 Oct 1;26(19):2080-9. PubMed PMID: 11698883.

503: Reinert M, Hoelper B, Doppenberg E, Zauner A, Bullock R. Substrate delivery and ionic balance disturbance after severe human head injury. *Acta Neurochir Suppl*. 2000;76:439-44. PubMed PMID: 11450063.

504: Chigot JP. [Theodor Emil Kocher, modern surgery pioneer]. *Ann Chir*. 2000 Nov;125(9):884-92. French. PubMed PMID: 11244599.

505: Mattle HP, Schroth G, Seiler RW. Dilemmas in the management of patients with arteriovenous malformations. *J Neurol*. 2000 Dec;247(12):917-28. Review. PubMed PMID: 11200683.

506: Seiler RW, Mariani L. Sellar reconstruction with resorbable vicryl patches, gelatin foam, and fibrin glue in transsphenoidal surgery: a 10-year experience with 376 patients. *J Neurosurg*. 2000 Nov;93(5):762-5. PubMed PMID: 11059655.

- 507: Bärlocher CB, Seiler RW. Vertebral erosion and a ligamentum flavum cyst. Case illustration. *J Neurosurg*. 2000 Oct;93(2 Suppl):335. PubMed PMID: 11012073.
- 508: Markwalder TM. The course of chronic subdural hematomas after burr-hole craniostomy with and without closed-system drainage. *Neurosurg Clin N Am*. 2000 Jul;11(3):541-6. Review. PubMed PMID: 10918027.
- 509: Weis J, Kaussen M, Calvo S, Buonanno A. Denervation induces a rapid nuclear accumulation of MRF4 in mature myofibers. *Dev Dyn*. 2000 Jul;218(3):438-51. PubMed PMID: 10878609.
- 510: Widmer HR, Schaller B, Meyer M, Seiler RW. Glial cell line-derived neurotrophic factor stimulates the morphological differentiation of cultured ventral mesencephalic calbindin- and calretinin-expressing neurons. *Exp Neurol*. 2000 Jul;164(1):71-81. PubMed PMID: 10877917.
- 511: Guzman R, Lövblad KO, Meyer M, Spenger C, Schroth G, Widmer HR. Imaging the rat brain on a 1.5 T clinical MR-scanner. *J Neurosci Methods*. 2000 Apr 1;97(1):77-85. PubMed PMID: 10771078.
- 512: Mariani L, Bianchetti MG, Schroth G, Seiler RW. Cerebral aneurysms in patients with autosomal dominant polycystic kidney disease—to screen, to clip, to coil? *Nephrol Dial Transplant*. 1999 Oct;14(10):2319-22. Review. PubMed PMID: 10528652.
- 513: Carrel TP, Klingenmann W, Mohacsi PJ, Berdat P, Althaus U. Perioperative bleeding and thromboembolic risk during non-cardiac surgery in patients with mechanical prosthetic heart valves: an institutional review. *J Heart Valve Dis*. 1999 Jul;8(4):392-8. PubMed PMID: 10461238.
- 514: Melander A, Olsson J, Lindberg G, Salzman A, Howard T, Stang P, Lydick E, Emslie-Smith A, Boyle DI, Evans JM, Macdonald TM, Bain J, Sullivan F; AD Morris for the DARTS/MEMO Collaboration, Juhl C, Pørksen N, Sturis J, Hollingdal M, Pincus S, Veldhuis J, Dejgaard A, Schmitz O, Kristensen JS, Frandsen KB, Bayer T, Müller P, Dunning BE, Paladini S, Gutierrez C, Deacon R, Valentin M, Grunberger G, Weston WM, Patwardhan R, Rappaport EB, Sargeant LA, Wareham NJ, Khaw KT, Zethelius B, Lithell H, Hales CN, Berne C, Lakka HM, Oksanen L, Tuomainen TP, Kontula K, Salonen JT, Dekker JM, de Boks P, de Vegt F, Stehouwer CD, Nijpels G, Bouter LM, Heine RJ, Bruno G, Cavallo-Perin P, Bargero G, D'Errico N, Borra M, Macchia G, Pagano G, Newton RW, Ruta DA, New JP, Wallace C, Roxburgh MA, Young RJ, Vaughan NJ, Elliott P, Brennan G, Devers M, MacAlpine R, Steinke D, Lawson DH, Decallonne B, Casteels K, Gysemans C, Bouillon R, Mathieu C, Linn T, Strate C, Schneider K, Funda DP, Jirsa M Jr, Kozáková H, Kaas A, Kofronová O, Tlaskalová-Hogenová H, Buschard K, Wanka H, Hartmann A, Kuttler B, Rasmussen SB, Sørensen TS, Markholst H, Petersen JS, Karounos D, Dyrberg T, Mabley JG, Haskó G, Szabó C, Seissler J, Nguyen TB, Steinbrenner H, Scherbaum WA, Cipriani R, Gabriele A, Sensi M, Guidobaldi L, Pantellini F, Cerrito MG, Scarpa S, Di Mario U, Morano S, Ceolotto G, Iori E, Baritono E, Del Prato S, Semplicini A, Trevisan R, Zerbini G, Meregalli G, Asnaghi V, Tentori F, Maestroni A, Mangili R, Marescotti C, Vedovato M, Tiengo A, Tadjieva J, Mankovsky BN, Van Aken S, Raes A, Vande Walle J, Matthys D, Craen M, Hansen HP, Lund SS, Rossing P, Jensen T, Parving HH; GENEDIAB Study Group, Andersen S, Tarnow L, Hansen BV, Trautner C, Haastert B, Ennenbach N, Willich S, Tabák ÁG, Orchard TJ, Spranger J, Preissner KT, Schatz H, Pfeiffer A, Cantón A, Burgos R, Hernández C, Lecube A, Mesa J, Segura RM, Mateo C, Simó R, Fathallah L, Greene DA, Obrosova I, Gilbert RE, Kelly DJ, Cox AJ, Berka-Wilkinson JL, Taylor HR, Panagiotopoulos S, Lee V, Jerums G, Cooper ME, Hitman GA, Aganna E, Ogunkolade WB, Rema M, Deepa R, Shanthi-Rani CS, Barakat K, Kumarajeewa TR, Cassell PG, McDermott MF, Mohan V, Ways K, Bursell S, Devries T, Woodworth J, Alatorre C, King G, Aiello LP, Karisen AE, Pavlovic D, Nielsen K, Jensen J, Andersen HU, Pociot F, Mandrup-Poulsen T, Eizirik DL, Nerup J, Lortz S, Tiedge M, Lenzen S, Lally FJ, Bone AJ, Darville MI, Ho YS, Sternesjö J, Sandler S, Chen MC, Schuit F, Pipeleers DG, Merezak S, Hardikar A, Hoet JJ, Remacle C, Reusens B, Bréant B, Garofano A, Czernichow P, Kubota N, Terauchi Y, Miki H, Tamemoto H, Yamauchi T, Nakano R, Komeda K, Eto K,

Tobe K, Kimura S, Kadowaki T, Ide T, Murakami K, Tsunoda M, Mochizuki T, Ozanne SE, Nave BT, Wang CL, Dorling MW, Petry CJ, Koopmans SJ, van der Bent C, Que I, Radder JK, Sebkova E, Sana AK, Klimes I, Ruderman N, Morviducci L, Pastore L, Morelli S, Sagratella E, Zorretta D, Buongiorno A, Tamburrano G, Giaccari A, Martinenghi S, De Angelis GC, Ravasi F, Bifari F, Bordignon C, Falqui L, Kessler A, Dransfeld O, Sasson S, Tomas E, Zorzano A, Eckel J, Thorsby P, Rosenfalck AM, Kjems L, Hanssen KF, Madsbad S, Birkeland KI, Hamilton-Wessler M, Markussen J, Bergman RN, Melki V, Hanaire-Broutin H, Bessi eres-Lacombe S; GEDEC study group, Tauber JP, Home PD, Lindholm A, Riis A; European Insulin Aspart Study Group, Rosenstock J, Schwartz S, Clark C, Edwards M, Donley D; US Study Group of Insulin Glargine in Type 2 DM, Swift P, Mortensen HB, Lynggaard H, Hougaard P; Hvid re Study group on Childhood Diabetes, Cull CA, Neil HA, Frighi V, Manley SE, Holman RR, Turner RC; UKPDS Group, Steiner G; DAIS Project Group, Davis WA, Weeraratna T, Bruce DG, Davis TM, Verg s B, Duvillard L, Pont F, Florentin E, Gambert P, Benko B, Ljubi  S, Turk Z, Grani  M, M rz W, Wollschl ger H, Klein G, Neiss A, Wehling M, Huxtable SJ, Saker PJ, Walker M, Frayling TM, Levy JC, O'Rahilly S, Hattersley AT, McCarthy MI, Orecchio A, Giacchini A, Dominici R, Canettieri G, Trinti B, Zani M, Andreoli M, Sciacchitano S, de Silva AM, Whitecross K, Pasco J, Kotowicz M, Nicholson G, Zimmet P, Boyko EJ, Collier GR, Frittitta L, Pizzuti A, Argiolas A, Graci S, Goldfine ID, Bozzali M, Ercolino T, Costanzo B, Iacoviello L, Tassi V, Trischitta V, Wauters M, Rankinen T, Mertens I, Chagnon M, Bouchard C, Van Gaal L, Sivenius K, Valve R, Hakkarainen V, Niskanen L, Laakso M, Uusitupa M, Beridze N, Japaridze M, Kurashvili R, Dundua M, Kebuladze G, Kazakhashvili N, Offley-Shore B, Thomas B, Ghebremeskel K, Crawford M, Lowy C, Eriksson UJ, Martin Sim n C, Wisse B, Gittenberger-de Groot AC, Wentzel P, Eriksson UJ, Wender-O zegowska E, Drews K, Biczysko R, Bronisz A, Ro   D, Graczykowska-Koczorowska A, Kotschy M, Sokup A, Kohnert KD, Besch W, Strese J, Frick U, Zander E, Kemer W,  krha J, Kvasni ka J, Kalvodov  B, Hilgertov  J, Schatteman K, Goossens F, Scharp  S, De Leeuw I, Hendriks D, Legakis IN, Panayiotou D, Mountokalakis TD, Enderle MD, Beckmann P, Balletshofer B, Rittig K, Maerker E, Volk A, Meisner C, Jacob S, Matthaei S, H ring HU, Rett K, Ueda K, Nakagawa T, Shimajiri Y, Kokawa M, Matsumoto E, Sasaki H, Sanke T, Nanjo K, McKinnon CM, Macfarlane WM, Docherty K, Furukawa N, Shirotani T, Kishikawa H, Kaneko K, Araki E, Shichiri M, Prentki M, Roduit R, Susini S, Buteau J, Ejrn s AM, Andersen NA, Osterhoff M, M hlig M, Ortmann J, Bikashghi F, Mayer C, Bikashagi F, Ackermans MT, Pereira Arias AM, Bisschop PH, Endert E, Sauerwein HP, Romijn JA, Gastaldelli A, Baldi S, Pettiti M, Natali A, Frascerra S, Camastra S, Toschi E, Ferrannini E, Stingl H, Krssak M, Bischof MG, Krebs M, F rnsinn C, Nowotny P, Waldh usl W, Roden M, Neeft M, Meijer AJ, B venholm P, Pigon J, Efendic S, K stenbauer T, Sauseng S, Sokol G, Auinger M, Irsigler K, Abbott CA, Carrington AL, Faragher B, Kulkarni J, Van Ross ER, Boulton AJ, Armstrong DG, Hadi S, Nguyen HC, Harkless LB, Jirkovsk  A, Kasalicky P, Hosov  J, Skibova J, Uccioli L, Caselli A, Giacomozzi C, Macellari V, Giurato L, Lardieri L, Menzinger G, Pham HT, Rosenblum BI, Lyons TE, Giurini JM, Smakowski P, Chrzan JS, Habershaw GM, Veves A, Foster AM, Bates M, Doxford M, Edmonds ME, Kecha O, Winkler R, Martens H, Collette J, Lef bvre PJ, Greiner D, Geenen V, Atlan-Gepner C, Naspetti M, Val ro R, Barad M, Lepault F, Vialettes B, Naquet P, de Galan B, Netea MG, Hancu N, Smits P, Van der Meer JW, Osterbye T, J rgensen KH, Trantum-Jensen J, Fredman P, H y M, Bokvist K, Olsen HL, Horn T, Gromada J, Laub R, Lohmann T, Hahn HJ, Adler T, Emmrich F, Rabuazzo AM, Lupi R, Dotta F, Patan  G, Marselli L, Realacci M, Piro S, Del Guerra S, Santangelo C, Navalesi R, Purrello F, Marchetti P, de Vos P, Visser L, de Haan BJ, Klok P, van Schilfgaarde R, Poppema S, Juang JH, Kuo CH, Hsu BR, Nacher V, P rez M, Biarn s M, Raurell M, Soler J, Montanya E, Ritzel R, Maubach J, B sing M, Becker T, Klempnauer J, H cking K, Schmiegel WH, Nauck MA, Bou ek P, Saudek F, Adamec M, Ko itarov  R, Jedin kov  T, Vlas kov  Z, Skibov  J, Barto  V, Maffi P, Bertuzzi F, Aldrighetti L, Taglietti MV, Castelnuovo A, Pozza G, Di Carlo V, Secchi A, Renier G, Mamputu JC, Gillespie JS, McMaster D, Mercer C, Trimble ER, Lecomte M, V ricel E, Paget C, Ruggiero D, Lagarde M, Wiernsperger N, Pricci F, Leto G, Amadio L, Cordone S, Iacobini C, Catalano S, Violi F, Rotella CM, Pugliese G, Zicari A, Gradini R, Sale P, Pala L, Cresci B, Giannini S, Manuelli C, Dahlfors G, Arnqvist HJ, Gonelle-Gispert C, Halnan PA, Sadoul K, Wolter S, Lang J, Niwa T, Yu W, Hidaka H, Senda T, Niki I, Fukasawa T, Renstrom E, Barg S, Seward E, Rorsman P, Rutter GA, Molinete M, Lilla V, Ravazzola M, Halban PA, Efanov AM, Bertorello

AM, Zaitsev SV, Zwiller J, Berggren PO, MŞengül A, Salman F, Sargrn M, Özer E, Karşıdağ K, Salman S, Gedik S, Satman I, Dinççağ N, Yılmaz MT, Lloyd A, Hopkinson PK, Testa MA, Blonde L, Turner RR, Hayes J, Simonson DC, van der Ven NC, Lubach CH, Snoek FJ, Mollema ED, van der Ploeg HM, Danne T, Hoey H, McGee H, Fitzgerald H, Lernmark B, Thernlund G, Fredin K, Hägglöf B, Lugari R, Dell'Anna C, Ugolotti D, Dei Cas A, Barilli AL, Sard L, Marani B, Iotti M, Zandomeneghi R, Gnudi A, Kjems LL, Volund A, Toft-Nielsen M, Damholt MB, Hilsted L, Hughes TE, Krarup T, Holst JJ, Young A, Gottlieb A, Fineman M, Kolterman O, Cancelas J, García-Martínez JA, Villanueva-Peñacarrillo ML, Valverde I, Malaisse WJ, Filipsson K, Ahrén B, Balkan B, Kwasnik L, Battle B, Li X, Egan JM, Clocquet AR, Elahi D, Petrella E, Prickett K, Petersen KF, Sullivan JT, Amatruda JM, Livingston JN, Shulman GI, Freyse EJ, Knospe S, Glund K, Demuth HU, Walker D, Malik RA, Reljanovic M, Barada A, Milicevic Z, Tack CJ; Croatian Study Group for Diabetic Amyotrophy, Goldstein DS, Van Huysen C, Stevens MJ, Cao X, Sundkvist G, Dahlin LB, Eriksson KF, Rosén I, Lattimer SA, Sima AA, Sullivan K, Shaw JE, de Courten MP, Zimmet PZ, Gourdy P, Ruidavets JB, Arveiler D, Amouyel P, Bingham A, Tauber JP, Lam KS, Wat NM, Lam TH, Janus ED, de Pablos P, Rodriguez F, Martínez J, Sánchez V, Santana C, García I, Macías A, Levin K, Hother-Nielsen O, Henriksen JE, Beck-Nielsen H, Brechtel K, Machann J, Koch M, Nielsen M, Löblein K, Becker R, Deniginger M, Renn W, Machicao F, Claussen CD, Schick F, Diraion F, Moulin P, Beylot M, Thams P, Capito K, Eliasson L, Barg S, Göpel S, Kanno T, Renström E, Meda P, Charollais A, Gjinovci A, Calabrese A, Wonkam A, Caton D, Wiszniewski L, Serre V, Cogne F, Bauquis J, Bosco D, Huarte J, Herrera P, Gotfredsen CF, Vessby B; KANWU study group, Manuel Y, Keenoy B, Engelen W, Vertommen J, Schrans S, Louheranta A, Lindström J, Tuomilehto J; Finnish Diabetes Prevention Study Group, Segal KR, Heymsfield S, Hauptman J, Boldrin M, Lucas C, Pandolfi A, Cetrullo D, Polishchuck R, Alberta M, Pellegrini G, Calafiore A, Vitacolonna E, Capani F, Consoli A, Halleux CM, Gillot EF, Brichard SM, Van der Planken M, Corthouts B, Peiffer F, Scholten D, Walke M, Assert R, Pirags V, Pedula KL, Hillier TA, Brown JB; EURODIAB Prospective Complications Study (PCS) Group, Santini SA, Marra G, Cotroneo P, Manto A, Di Leo MA, Di Gregorio S, Tordi A, Pitocco D, Ruotolo V, Ghirlanda G, Temelkova-Kurktschiev T, Schaper F, Koehler C, Henkel E, Hanefeld M, Mancini L, Citterio F, Cotroneo A, Ceroone S, Castagneto M, Rajbhandari SM, Dent MT, Plater ME, Harris ND, Tesfaye S, Ward JD, Dupuy O, Mayaudon H, Lecoules S, Bauduceau B, Palou M, Farret O, Molinié C, Antonelli-Incalzi R, Fuso L, Giordano A, Calcagni ML, Todaro L, Basso S, Tramaglino LM, Troncone L, Pistelli R, Guillot R, Bringuier A, Porokhov B, Guillausseau PJ, Feldmann G, Zivanic S, Cizmic M, Dragojevic R, Vanovic M, Borghouts LB, van Kranenburg GP, Schaart G, Keizer HA, Niess AM, Dickuth HH, Lutz O, Barbe P, Calazel-Fournier C, Hernandez G, Saint-Martin F, Galitzky J, Gonçalves AA, da Silva EC, Brito IJ, da Silva CA, Lawrence NJ, Kousta E, Mulnier H, Penny A, Millauer B, Johnston DG, Robinson S, Perriello G, Pimenta W, Pampanelli S, Lucidi P, Lepore M, Porcellati F, Cordonci MC, De Feo P, Bolli GB, Sjöstrand M, Holmäng A, Lönnroth P, Hauer B, Grauer P, Artzner S, Lang R, Stumvoll M, Monti LD, Piatti PM, Gemone F, Valsecchi G, Magni M, Barbieri E, Setola E, Sandoli EP, Galli-Kienle M, Pontiroli AE, Nichols GA, Brown JB, Salzsieder E, Boltz H, Ramirez JC, Rutscher A, Fischer U, Koenig C, Friske M, Schramm W, Landgraf R, Bachmann W, Bangemann M, Groeneveld G, Edvell A, Lindström P, Tsiotra P, Koukourava A, Raptis SA, Tsigos C, Boutou E, Triandafilopoulou A, Egido EM, Rodríguez-Gallardo J, Gutiérrez E, García P, Silvestre RA, Marco J, Khan A, Ling ZC, Ahren B, Efendic S, Bünting C, Du X, Zhi Sui G, Rösen P, Koschinsky T, Kearney TM, Sharp PS, Lapolla A, Fedele D, Martano L, Garbeglio M, Seraglia R, Favretto D, Traldi P, Meerwaldt R, Smit AJ, Links TP, V Roon AM, Graaf R, Gans RO, Deyneli O, Ersöz HÖ, Gogas D, Fak AS, Akalin S, Veglio M, Sivieri R, Chinaglia A, Scaglione L; Neuropathy Study Group of the Italian Society of the Study of Diabetes, Le T, Wong N, Detrano R, Charles MA, Colhoun HM, Francis DP, Rubens M, Underwood SR, Fuller JH, Knudsen E, Sato A, Nielsen FS, Bonora E, Kiechl S, Willeit J, Oberhollenzer F, Egger G, Bonadonna R, Muggeo M, Festa A, D'Agostino R Jr, Howard G, Mykkanen L, Tracy RP, Haffner SM, Poulsen P, Vach K; European Group for the Study of Insulin Resistance (EGIR), Ijzerman RG, Bakker SJ, Truster J, Crowther NJ, Cameron N, Gray IP, Chaillous L, Carel JC, Thivolet C, Boitard C, Charbonnel B, Saï P; D.I.O.R. study group, Decochez K, Keymeulen B, Somers G, Dorchy H, Rottiers R, Winnock F, Ver Elst K, Weets I, Pipeleers D, Gorus F, Seebaum S, Schumm-Draeger PM, Petzoldt R, Federlin K, Bonnevie-Nielsen V, Martensen PM, Justesen J, Worsaa A, Karlsson M,

Sederholm S, Ludvigsson J, Bélicar P, Dale C, Vague P, Alessis C, Lassmann-Vague V, Bode BW, Gross TM, Ghegan M, Steed RD, Davidson PC, Ordoñez A, Rubio JL, Sulleiro JM, Buendía JP, Zamora J, Castillo M, Schaupp L, Ellmerer M, Brunner GA, Sendlhofer G, Schlack C, Skrabal F, Wach P, Pieber TR, Heinemann L, Krämer U, Klötzer HM, Hermann M; Non-Invasive Task Force, Cosgrove KE, Chapman JC, Shepherd RM, McIntyre S, Butler PC, Dunne MJ, Brekardin E, Dörschner H, Schwanstecher C, Schwanstecher M, Uhde I, Emmanouilidou E, Teschemacher AG, Pouli AE, Gylfe E, Tengholm A, Hellman B, Perfetti R, Aggarwal S, Müller G, Welte S, Wied S, Valverde AM, Mur C, Kahn CR, Benito M, Rondinone CM, Peterson T, Laviola L, Belsanti G, Logoluso F, Napoli R, Davalli AM, Weir GC, Giorgino R, Giorgino F, Flesch S, Hompesch B, Rave K, Susanto F, Kühn-Velten WN, Heise T, Rendell M, Dole J; Rosiglitazone Study Group, Esper RJ, Stein E, Lemme L; Cerivastatin/Bezafibrate Latin America Study Group, Rubinstein A, Maritz FJ, Soule S, Market A, Chajek-Shaul T, Maislos M, Tal S, Stolerio D; HIDM investigators, Josefsen K, Beckmann H, Petersen C, Ekman R, Efanova I, Zaitsev S, Berggren PO, Birkenbach M, Holl RW, Rosenbauer J, Grabert M; German Working Group on Quality Control, Icks A, Schwab O, Reile K; German Pediat. Working Group, Janssen MM, de Jongh RT, Casteleijn S, Masurel N, Hoogma RP, Santeusano F, Brunetti P, Fanelli CG, Laureti S, Bartocci L, Maran A, Crepaldi C, Trupiani S, Macdonald IA, Avogaro A, Bouman SD, Keitz M, Bruggink JE, Scheurink AJ, Strubbe JH, Steffens AB, Ferguson SC, McCrimmon RJ, Perros P, Best JJ, Deary IJ, Frier BM, Robinson RT, Ireland NH, Bedford C, Fairclough E, Hudson S, Heller SR, Borch-Johnsen K, Berger M, Overmann H, Bender R, Blank M, Sawicki P, Jörgens V, Mühlhauser I, Nosadini R, Sailer A, Dalla Vestra M, Brocco E, Piarulli F, Frigato F, Sambataro M, Velussi M, Baggio B, Fioretto P, Jager A, van Hinsbergh VW, Kostense PJ, Nijpels G, Gæde P, Pedersen O, Andrysiak-Mamos E, Majkowska L, Krzyżanowska B, Pilarska K, Czekalski S, Mazzone C, Brocco S, Field LL, Nejntsev S, Gombos Z, Veijola R, Knip M, Simell O, Vaarala O, Åkerblom HK, Ilonen J, Krokowski M, Bodalski J, Andrzejewski W, Ławnik M, Teodorczyk A, Heinrich A, Caillat-Zucman S, Buzzetti R, Petrone A, Mesturino C, Giorgi G, Fiori R, Nisticò L, Di Genova G, Cascino I, Klötting I, Kovacs P, McKinney PA, Okasha M, Parslow RC, Law GR, Gurney KA, Williams R, Bodansky HJ, Herzig P, Giani G, Vervoort G, Lutterman JA, Berden JH, Wetzels JF, Paniagua O, Shaw L, Austin C, Heagerty AM, Seppälä-Lindroos A, Vehkavaara S, Yki-Järvinen H, Caballero AE, Lim SC, LoGerfo FW, Horton ES, Zembowicz A, Fragasso G, Caumo A, Phan VC, Costa S, Conti M, Chierchia SL, Vigili de Kreutzenberg S, Marchetto S, Calò L, Wascher TC, Wölkart G, Brunner F, Tripathy D, Carlsson M, Isomaa B, Tuomi T, Groop L, Stoffers DA, Muller DC, Wideman L, Chin GA, Clarke WL, Hanks JB, Habener JF, Guazzarotti L, Toffolo G, Clementi L, Vespasiani G, Cobelli C, Clauin S, Bellanné-Chantelot C, Bartolotta E, Gautier JF, Wilson C, Weyer C, Mort D, Knowler WC, Polonsky K, Bogardus C, Pratley RE, Porksen N, Veldhuis JD, Polonsky KS, Byrne MM, Brandt A, Arnold R, Katschinski M, Göke B, Hardt E, Fritsche A, Stefan N, Schützenauer S, Lüddecke HJ, Renner R, Hepp KD, Shnawa N, Krugluger W, Hopmeier P, Schernthaner G, Kautzky-Willer A, Prager R, Fallucca F, Sabbatini A, Sciuillo E, Torresi P, Mazziotti F, Maroccia E, Napoli A, Buongiorno A, Deberg M, Dozio N, Castiglioni MT, Sodoyez-Goffaux F, Carvalheiro M, Fagulha I, Fagulha A, Gomes L, Paiva S, Marta E, Sobral E, Leitão F, Pinto L, Ruas M, Buchanan T, Di Cianni G, Volpe L, Casadidio I, Bottone P, Teti G, Boldrini A, Benzi L, Rasera T, Becciu V, Beretta A, Almirante G, Castiglioni M, Kerényi Z, Stella P, Nádasdi Á, Baranyi É, Csákány MG, Tamás G, Mehta ZM, Manley S, Zimmet P, Bottazzo GF, Hoey H, Mollensen H, Hougaard P, McGee H, Vidal J, Fernández M, Sesmilo G, Casamitjana R, Gomis R, Conget I, Rathmann W, Curran S, Mitchell J, Hennings S, Katsaros T, Saffianis I, Gigiakou E, Kasi E, Polychroniades V, Dzien A, Dzien-Bischinger C, Hadjidakis D, Apostolopoulou N, Sfakianakis M, Raptis AE, Ryysy L, Häkkinen AM, Goto T, Westerbacka J, Halavaara J, Libman I, Pietropaolo M, LaPorte R, Pietropaolo S, Becker D, Pirie FJ, York DF, Motala AA, Omar MA, Tzaneva V, Iotova V, Jaeger C, Hatziaelaki E, Stroedter A, Becker F, Bretzel RG, Strebelow M, Schlosser M, Ziegler B, Ziegler M, Wassmuth R, Ostrauskas R, Žalinskius R, Norkus A; Lithuanian Collaborative Group for the Epidemiology of Diabetes, Jarosz-Chobot P, Otto-Buczkowska E, Koehler B, Maklakiewicz E, Green A, Ionescu-Tirgoviste C, Serban V, Guja C, Mota M, Creteanu G, Calin A, Morosanu M, Ferariu I, Halmagy I, Cristescu I, Strugariu M, Minescu A, Barbul R, Visalli N, Sabastiani L, Adorisio E, Cassone Faldetta MR, Multari G, Casu A, Songini M, Pozzilli P; IMDIAB Study Group, Muntoni S, Wäänänen S, Law G, Muntoni S, Shubnikov E, Choubnikova J, Mikulecký M, Michalková D, Hlava P,

Teuscher AU, Reinli K, Teuscher A, Zhao HX, Stenhouse E, Moyeed R, Demaine AG, Millward BA, Feltbower RG, Holland P, Campbell F, Fear NT, Wasmuth HE, Elliott RB, McLachlan C, Erhardt G, Kolb H, Guaita G, Pelligra I, Motzo C, Obinu M, Cossu E, Cirillo R, Kinalski M, Krętowski A, Bingley P, Kinalska I, Douek IF, Bingley PJ, Gale EA, Imagawa A, Hanafusa T, Miyagawa J, Matsuzawa Y; Osaka IDDM Study Group, Todd JA, Welsh K, Marshall S, Nolsøe R, Kristiansen OP, Larsen Z, Johannesen J, Jahromi MM, Larsen ZM, Kyvik KO, Jeanclos E, Schork NJ, Aviv A, Sieradzki J, Małecki MT, Klupa T, Hanna L, Sieradzka J, Frey J, Królewski AS, Calvo B, Bilbao JR, Perez de Nancrales G, Castaño L, Santos JL, Pérez-Bravo F, Piquer S, Puig-Domingo M, Carrasco E, Calvillán M, De Leiva A, Albala C, Cavallo MG, Manca Bitti ML, Suraci C, Crinò A, Giordano C, Cervoni M, Sbriglia MS, Bizzarri C, Marietti G, Fuchtenbusch M, Bonifacio E, Kredel K, Schnell O, Ziegler AG, Assaad-Khalil SH, Michelsen BK, El-Azzouni O, Abou-Seif M, Kamel F, Fouad K, Abdel-Aty T, El-Sheikh S, Zamani M, Pociot H, Nerup J, Cassiman JJ, Olivares E, Ladrière L, Laghmich A, Sener A, Scott FW, Ivanova O, Poltorack V; Pramlintide Type 1 Study Group; Pramlintide Type 2 Study Group, Gorbenko N, Gladkich A, Nikitchenko I, Dunger A, Augstein P, Berg S, Williams AJ, Norcross AJ, Gillmor HA, Lampasona V, Bernasconi L, Hermite L, Martin-Moutot N, Boucraut J, Seagar M, Couraud F, Scirpoli M, Maioli M, Tonolo G, Bekris L, Schranz D, Ciccarese M, Lernmark A, Lee HC, Nam JH, Ahn CW, Song YD, Lim SK, Kim KR, Huh KB, Fajardo C, Carmona E, Sanchez-Cuenca JM, Campos V, Carles C, Brazales A, Merino F, Piñón F, Mašek Z, Perušičová J, Bárová H, Šterzl I, Hejduková H, Schneiderka P, Hink S, Muzyka B, Streit G, Kopp HP, Kroiss A, Tankova T, Dakovska L, Kirilov G, Koev D, Abrams P, De Block C, Rooman R, Du Caju M, Eibl NL, Wolf H, Eibl MM, Di Cesare E, Previti M, Lombardo F, Di Benedetto A, Romano G, De Luca F, Cucinotta D, Brunelle RL, Huang J, Fineberg SE, Anderson JH, List C, Lamesch P, Kohlhaw K, Schwarz C, Wenzke M, Richter O, Hauss J, Zeng SF, Xu XS, Zheng SX, Shii K, Baba S, Bonfanti R, Bazzigaluppi E, Meschi F, Boggetti E, Bosi E, Chiumello G, Cinapri V, Quilici S, Forotti G, Giampietro O, Matteucci E, Luppi P, Zanone MM, Rudert W, Haluszczak C, Alexander A, Bertera S, Gottlieb P, Trucco M, Irnstetter A, Jäger G, Schenker M, Ziegler MA, Myśliwiec J, Szelachowska M, Monetini L, Valente L, Coppolino G, Stefanini L, Corbi S, Spera S, Matteoli MC, Ferrazzoli F, Cantagallo A, De Mattia GC, Walker B, Sonnet E, Gibassier J, Derrien C, Massart C, Allannic H, Maugendre D, Leech NJ, Elsegood KA, Narendran P, Hubbard A, Dayan CM, Mianowska B, Bodalska-Lipińska J, Chrul S, Wyka K, Geissler A, Schneider ML, Bochow B, Koop I, Zhang TM, Zhang Y, Han CH, Jin SX, Dervogormiyacıyan H, Araslı M, Aydemir D, Yıllar G, Deniz G, Gürol AO, Aktaş E, Tütüncü Y, Pertyńska MP, Banasik M, Zeman K, Cypryk K, Wilczyński J, Tchórzewski H, Müser ES, Baier JE, Bergbauer M, Schmutz G, Figge A, Reiser M, Schmiegel W, Burkart V, Kim YE, Kauer M, Utsugi T, Kanda T, Kobayashi I, Uchiyama T, Ito H, Ohyama Y, Tomono S, Kawazu S, Nagai R, Hehmke B, Heinke P, Kelemen K, Wegmann D, Hutton JC, Wachlin G, Schröder D, Schmidt S, Schloot NC, Hanifi-Moghaddam P, Goebel C, Rothe H, Hausmann A, Laureys J, Depovere J, Waer M, Karsten V, Tritschler S, Belcourt A, Pinget M, Kessler L, Gregori S, Sala L, Smioldo S, Davalli A, Adorini L, Bo S, Repetti E, Gentile L, Fornengo P, Bruno A, Ferrero L, Kanoun F, Harzallah F, Ftouhi B, Mekaouar A, Bellaaj R, Fekih M, Mebazaa A, Zouari B, Ben Khalifa F; Turkish Diabetes Epidemiology Group, Spijkerman AM, Ruige JB, Colagiuri S, Colagiuri R, Palu T, Na'ati E, Muimui-Heata S, Samiu O, deBlieck C, Ta'ai A, Foliaki S, Hussain Z, McLennan M, Hansen CN, Ibsen H, Dogadin SA, Nozdratchev KG, Lidfeldt J, Nerbrand C, Lindholm LH, Samsioe G, Scherstén B, Agardh CD, Wójcikowski C, Grzeszczak W, Łopatyński J, Bandurska-Stankiewicz E; Screen-Pol Study Group, Mardarowicz G, Król H, Matej A, Czapryniak L, Kropiwnicka A, Drzewoski J, Viljoen E, Costa A, Martinez S, Carmona F, Levy I, Baruffaldi L, Solerte B, Mantovani E, Boullu S, Jeandidier N, Legaludec V, Costa B, Franch J, Martín F, Morató J, Donado A, Basora J, Daniel J; IGT Research Group, Sayeed MA, Mahtab H, Kibriya MG, Khanam PA, Azad Khan AK, de Courten M, Chitson P, Cox H; Mauritian NCD group, King R, Dachtler J, Johnston D, Ito C, Kataoka M, Lakhdar AA, Myers MA, Fuecker K, Echwald SM, Hansen T, Ekstrøm CT, Urhammer SA, Eiberg H, Roberts S, Barrow BA, Hainsworth J, Schousboe K, Henriksenog JE, Sørensen TI, Herlihy OM, Timmer B, Grant PJ, Bennett SM, Ghunaim SA, Stewart MW, Baroni MG, Sentinelli F, Lovari S, Vitali M, Capici F, Barbetti F, Weng JP, Lehto M, Li H, Forsblom C, Groop L, Blanche H, Morel V, Hansen L, Stanojevic V, Petersen HV, Urioste S, Stoffers D, Møller AM, Serup P, Ek J, Durviaux S, Clausen JO, Rousseau GG, Lemaigre FP, Bjørkhaug L, Njølstad PR, Lindner T, Cockburn BN, Molven A,

Søvik O, Lindner TH, Horikawa Y, Søvik O, Frederiksen SK, Almind K, Van Obberghen E, Kovács P, van den Brandt J, Fenger M, Vaag A, Haist K, Weisser M, Rettig A, Zhang M, Chung SS, Pihlajamäki J, Karjalainen L, Karhapää P, Vauhkonen I, Cassell P, Uwakwe N, Kopelman P, Ramachandran A, Snehathatha C, Rasmussen SK, Lautier C, Grigorescu F, Smith RJ, Frayling T, Turner R, Hitman G, Subba Rao P, Bennett AJ, Jones E, Lathrop GM, Menzel S, Wahid F, Cooper L, Scott J, Aitman TJ, Galli J, Fakhrai-Rad H, Kamel A, Marcus C, Norgren S, Luthman H, Wallis RH, Collins SC, Kaisaki PJ, Ktorza A, Lathrop M, Gauguier D, Huxtable S, McCarthy M, Shimomura H, Hanabusa T, Tsunoda K, Lazdins M, Dalgaard LT, Jensen NM, Jensen JN, Lynn S, Turnbull DM, Pérez de Nanclares G, Gaztambide S, Vázquez JA, Groves CJ, Izmałowicz ML, Horton VA, Owen RJ, Stratton IR, Green FR, Groves C, Horton V, Owen R, Stratton I, Clark LA, Voigt A, Rochlitz H, Rau H, Braun J, Schmidt K, Plock K, Donner H, Schöneberger A, Usadel KH, Badenhop K, Bendlová B, Mazura I, Včelák J, Vondra K, Palyzová D, Svatoš J, Mikšová P, Russo G, Couture P, Wilson PW, Cupples LA, Otvos JD, Schaefer EJ, Ordovas JM, Malecki MT, Ji L, Curtis S, Rich SS, Warram JH, Krolewski AS, Gudayol M, Usac EF, van Essen EH, Roep BO, 't Hart LM, Janssen JJ, van den Ouweland JM, Lemkes HH, Maassen AJ, Nakano S, Fukuda M, Maejima K, Imaizumi N, Kitazawa M, Nishizawa M, Kigoshi T, Uchida K, Le Gall JY, David V, Baltrusch S, Richter T, da Silva Xavier G, Dickens M, Belin VD, Green IC, Burns CJ, Squires PE, Howell SL, Persaud SJ, Ban N, Yamada Y, Someya Y, Ihara Y, Tsuda K, Seino Y, Alcazar O, Tyrberg B, Carlsson C, Andersson A, Mukai E, Ishida H, Fujimoto S, Kajikawa M, Fujita J, Tsuura Y, Malaisse-Lagae F, Picton S, Tamarit-Rodriguez J, Mukala-Nsengu-Tshibangu A, Fernández S, Giné E, Ortsäter H, Liss P, Åkerman KE, Bergsten P, Hu S, Wang S, Roos ES, Gounarides JS, Shapiro MJ, de Souza CJ, Papas KK, Nishimura M, Kadiata MM, Louchami K, Jijakli H, Rajan AS, Kuang S, Iyer D, Waddell ID, Holloway BR, Ishihara H, Wang H, Wollheim CB, Ayvaz G, Mercan D, Rasschaert J, Giroix MH, Scruel O, Portha B, Broca C, Fernandez-Alvarez J, Manteghetti M, Gross R, Sauvaire Y, Petit P, Ribes G, McClenaghan NH, Ball AJ, Flatt PR, Rustenbeck I, Dickel C, Winkler M, Grimmsmann T, Meyer U, Gross I, Barnes PD, O'Brien RE, Abdel-Wahab YH, Hashmi MN, Giesberts AN, White SJ, Cooper EJ, Hudson AL, Eglen RM, Dillon MP, Chan SL, Morgan NG, Parini A, Gotfredsen C, Ullrich S, Su J, Rösier M, Hescheler J, Greger R, Wardt R, Arredouani A, Gailly P, Henquin JC, Gilon P, Macfarlane WN, Docherty K, Jonkers FC, Schöfl C, Börger J, von Zur Mühlen A, Brabant G, Grapengiesser E, Harris TE, Buchan AM, Jones PM, Jaikaran ET, Marcon G, St George-Hyslop PH, Fraser PE, Clark A, Lebrun P, Antoine MH, Nguyen QA, Rorsman P, Wasmeier C, Antinozzi P, Maechler P, Schwartz E, Wollheim C, Roderigo HM, Matsumoto K, Ebihara K, Yamamoto H, Tabuchi H, Fukunaga K, Yasunami M, Ohkubo H, Miyamoto E, Horn PA, García-Barrado MJ, Sancho C, Martín M, Moratinos J, Westerlund J, Lin JM, Brown R, Björklund A, Grill V, Detimary P, Guiot Y, Rahier J, Elmi A, Sehlin J, Hauge-Evans AC, Cybal M, Druzyńska J, Wierzchowska J, Krippeit-Drews P, Drews G, Krämer C, Jornot L, Düfer M, Nöda M, Yamashita S, Takahashi N, Tsubamoto Y, Kasai H, Sharp GW, Lambert N, Joos HC, Ammon HP, Wahl MA, Ainscow EK, Zhao C, Fabregat ME, Fernández-Álvarez J, Franco C, Novelli M, Fernández-Alvarez J, Masiello P, Lajoix A, Beffy P, Roux S, Chardès T, Roye M, Lajoix AD, Reggio H, Peraldi-Roux S, Henningsson R, Salehi A, Lundquist I, Stickings P, Mistry S, Ratcliff H, Morris SM Jr, Cunningham JM, Ekelund M, Ermakova NV, Paulssen RH, Florholmen J, Carmellini M, Mosca F, Patané G, Longo D, Squatrito S, Clement L, Magnan C, Vincent M, Penicaud L, Assimacopoulos-Jeannet F, Vigneri R, Rolfsen SE, Gregersen S, Hermansen K, Blondeau B, Rojas I, Novials A, Fernández-Usac E, Cristóbal P, Higham CE, Lawrie L, Sherman KI, Birch N, Tito P, Robinson CV, de Koning EJ, Verbeek JS, Esapa C, Laube B, Powell DS, Maksoud H, Chargé SB, Matthews DR, Stratton IM, Karlsson S, Myrsén-Axcrona U, Östlund B, Sundler F, Bertrand G, Puech R, Bockaert J, Persson-Sjögren S, Täljedal IB, Mooney MH, O'Harte FP, Simonsson E, Abdel-Halim SM, Efendić S, Åhrén B, Yanagida K, Arima T, Yada T, Egéa JC, Hirtz C, Deville de Périère D, Meoni C, Falqui L, Arcelloni C, Paroni R, Folli F, Barry R, Turner NC, Tadayyon M, Arch JR, Sutti F, Perego L, Baglioni S, Otte A, Socci C, Raffaele HS, Stumpf E, Aalto Y, Otonkoski T, Knuutila S, Andersson LC, Berra C, Furlan R, Coppelli A, Tellini C, Bordignon C, Rouiller DG, Lister CA, Moore GB, Piercy V, Newman M, Chapman H, Smith SA, Anastasi E, Bulotta A, Tiberti C, Ponte E, Liddi R, Taruscio D, Falchi M, Annerén C, Welsh M, Bernard C, Ilic C, Guilbert V, Palgi J, Korbitt GS, Rayat GR, Rajotte RV, Kieffer TJ, Karlsson E, Sandler S, Boujendar S, Huotari MA, Miettinen PJ, Keski-Oja J, Breda E, Pacini G, Vilsbøll T, Toft-Nielsen

MB, Dinesen B, Corssmit EP, Qvigstad E, Mostad IL, Bjerve K, Ann CW, Kume M, Hiramatsu M, Taniguchi J, Saito Y, Kawasaki Y, Kanazawa M, Notoya Y, Hayashi T, Djemli A, Gallice P, Coste T, Jannot MF, Dufayet D, Raccach D, Vague P, Sattar S, Basak RC, Hasan Z, Ali L, Nikulina MA, Karlsen AE, Hong TP, Andersen NA, Puren AJ, Fantuzzi G, Dinarello CA, Gysemans CA, Sparre T, Fey S, Larsen PM, Andersson AK, John NE, Fey SJ, Mose Larsen P, Frigerio S, Ghayur T, Holländer GA, Zumsteg U, Pinach S, Monge L, Grassi G, Pasquero P, Ruiu G, Dall'Omo A, Carta Q, Hadjivassiliou V, Dunger AM, Green MH, Rasilainen S, Roivainen M, Ylipaasto P, Bouwens L, Hovi T, Sekine N, Takahashi K, Ishikawa T, Okazaki T, Fujita T, Elliott J, Scarpello JH, Conroy S, Byrne P, Newsholme P, Harrison M, Green IC, Kaya F, Süssleyici B, Öztürk M, Eisner M, Guldbakke B, Karpenko N, Brizgalova G, Alesina M, Røder ME, Schwartz RS, Prigeon R, Kahn SE, Kendereški A, Micić D, Šumarac M, Macut D, Zonć S, Čolić M, Cvijović G, Gligorović P, Courtney CH, Atkinson AB, Ennis C, Sheridan B, Bell PM, Jolly M, Amin R, Godsland I, Horvoka R, Anyaoku V, Lawrence N, Krasova N, Sergienko L, Mingrone G, Plat L, Balasse EO, Zykova T, Jenssen T, Strelkova A, Zykova S, Tipisova E, Féry F, Wijenaike AN, Watt PW, Jung RT, Bolton-Smith C, Rennie MJ, Ludvik B, Aigmueller T, Waldhaeusl W, Courtois P, Bource F, Guenat E, Philippe J, Jéquier E, Tappy L, Benny S, Grönemeyer D, Aygen S, Scholz N, Busch M, Tauveron I, Rochon C, Dejax C, Benoit P, Capitan P, Bayle G, Prugnaud J, Fabricio A, Champredon C, Thieblot P, Grizard J, Nielsen MF, Nyholm B, Chandramouli V, Schumann WC, Landau BR, Rizza RA, Mitrakou A, Meyer C, Tolias A, Platanisiotis D, Vlachos L, Gerich J, Wajngot A, Sprangers F, Jellema WT, Lopuhaä CE, van Lieshout JJ, van der Zee JS, Mithieux G, Croset M, Zitoun C, Hurot JM, Rajas F, Montano S, Willem R, Verbruggen I, Grue-Sørensen G, Björkling F, Watson ND, Burns SP, Murphy HC, Iles RA, Cohen RD, Rooney K, Swan V, Phuyal J, Millar J, Bryson J, Denyer G, Caterson I, Thompson C, Gaster M, Handberg A, Schröder HD, Alzaid A, Sobki S, Thye-Rønn P, Alford F, Christopher M, Gras F, Brunmair B, Neschen S, Py G, Lambert K, Raynaud E, Mercier J, Tsuchihashi K, Sumida Y, Fujimoto H, Nakamura M, Miyata E, Furuta M, Katsuki A, Ito K, Sasaki R, Hori Y, Yano Y, Adachi Y, Lauritz J, Eriksson JW, Burén J, Zhao LJ, Li ZC, Kullin M, Karlsson FA, Redondo A, Puente J, Clemente F, González N, Moberg E, Amer P, Hagström-Toft E, Bolinder J, Björnholm M, Krook A, Galuska D, Myers M Jr, Zierath JR, Wallberg-Henriksson H, Niklasson M, Strindberg L, Sternberg F, Hebeda S, Kratzer W, Salgado MI, Hoss U, Kalatz B, Lohmann S, Fussgänger R, Khomazjuk AI, Ncscheret AP, Gonchar IV, Quinones-Galvan A, Sironi AM, Cominacini L, Nagai Y, Yamashita H, Takamura T, Kobayashi K, Szanto I, Peth JA, Kinnick TR, Youngblood EB, Tritschler HJ, Henriksen EJ, Gašperíková D, Rufo C, Teran-Garcia M, Nakamura MT, Clarke SD, Pye S, Zhang Z, Radziuk J, Guignot L, Bell KS, Lim-Fraser M, Cooney G, Kraegen EW, Takayama S, Legare DJ, Macedo MP, Lutt WW, Bradley B, Barron P, Davies J, Ader M, Richey JM, Ait El Mkaem S, Macari F, Renard E, Méchaly I, Brun JF, Cros G, Bringer J, Del Aguila LF, Krishnan RK, Farrell PA, Ulbrecht J, Correll PH, Kirwan JP, Mei J, Rahn-Landström T, Brindley D, Manganiello V, Degerman E, Ziv E, Shafrir E, Kaiman R, Galer S, Bar-On H, Gerő L, Földes K, Janssen J, Járay J, Perner F, Haap M, Houdali B, Schmit MB, Dietze GJ, Perrini S, Natalicchio A, Montrone C, de Robertis O, De Pergola G, Strack V, Kellerer M, Kausch C, Condorelli G, Beguinot F, Häring HU, Song XM, Chibalin AV, Ryder JW, Jiang XJ, Alessi DR, Hennige AM, Metzinger E, Seipke G, Trüb T, Hey A, Sørensen AR, Schäffer L, Drejer K, Kurtzhals P, Hansen BF, Matozaki T, Noguchi T, Yamao T, Takada T, Ochi F, Takeda H, Inagaki K, Hosoka T, Kasuga M, Schürt M, Meier M, Drenckhan M, Meyer M, Aries SP, Klein HH, Telting D, van der Zon GC, Dorrestijn J, Maassen JA, Clapham JC, Holder JC, Tomlinson KM, Pickavance L, Buckingham R, Wilding J, Jacinto SM, Harrold J, Ljung B, Kjellstedt A, Thalén P, Widdowson P, Williams G, Oakes N, Aoki K, Saito T, Satoh S, Mukasa K, Kaneshiro M, Kawasaki S, Hoshino K, Okamura A, Sekihara H, Smith U, Johansson A, Nilsson E, Olausson T, Nakazawa T, Suzuki M, Martinez J, Murado P, Azal Ö, Yönm A, Çakır B, Polat Z, Kutlu M, Çorakçı A, Bayraktar M, Gürlek A, Koray Z, Damian MS, Linn T, Laube H, Arzner S, Meißner HP, Giunti S, Comune M, Cassader M, Conte MR, Sacchi C, Musso G, Mecca F, Depetris N, Gambino R, Perin PC, Kawakami S, Sandqvist M, Jansson PA, Šindelka G, Widimský J, Haas T, Prázný M, Mari A, Nolan JJ, Uusitupa MI, Karşıdağ K, Hacıhanefioğlu B, Dinççağ N, Drivsholm T, Palacios RT, Vølund A, Pedersen OB, Letiexhe MR, Scheen AJ, Quiñones Galvan A, Simeoni M, Basu A, Uosukainen A, Mäkimattila S, Schlenzka A, Adler AI, Levy J, Stevens R, Matthews D, Holman R, Boland BJ, Jeanjean M, Hermans MP, Maudouigt C, Tonglet R, Robert A, Quiñones-Galvan A, Cini G, Galetta F,

Sanna G, Gernone F, Janssen MJ, Gonera RK, Wolffenbuttel BH, de Leeuw PW, Schaper NC, Mołęda P, Kuczerowski R, Czech A, Tatoń J, Taddei S, Patiag D, Qu X, Wilkes M, Gray S, Seale JP, Donnelly R, Campión J, Maestro B, Dávila N, Carranza MC, Calle C, Hales CN, Fernández-Real JM, Grasa M, Pugeat M, Barret C, Ricart W, Lindmark S, Olsson T, Tufvesson M, Loeblein K, Mehnert B, Haering HU, Rave K, Heise T, Clauson P, Hirschberger S, Heinemann L, Claret M, Nadal B, Truc A, Rossi L, Hildebrand P, Ketterer S, Beglinger C, Keller U, Gyr K, Parvin S, Overkamp D, Vayreda M, González-Huix F, G-Huix F, Zavaroni I, Gasparini P, Massironi P, Zuccarelli A, Delsignore R, Reaven GM, Sheu WH, Lee WJ, Chen YT, Iraklianos S, Tournis S, Volonakis I, Spylopoulou M, Biliannou E, Melidonis A, Foussas S, Güler S, Çakir B, Demi Rbaş B, Gürsoy G, Serter R, Aral Y, Morton G, Lee S, Fahey R, de Silva A, Cai XJ, Buckingham RE, Arch JR, Wilson S, Clausen JT, Kristensen P, Nielsen PF, Wulff BS, Thim L, Holness MJ, Sugden MC, Fryer LG, Munns MJ, Mannucci E, Ognibene A, Cremasco F, Bardini G, Mencucci A, Ciani S, Pierazzuoli E, Tsuchihashi K, Rigalleau V, Delafaye C, Baillet L, Vergnot V, Brunou P, Gatta B, Gin H, Felber JP, Munger R, Assimacopoulos F, Bobbioni E, Golay A, Wilken M, Larsen FS, Buckley D, Molina LM, Marquez L, Arceo A, Hernandez C, Kofod H, Damholt AB, Buchan A, Márquez L, Luque MA, Sarti L, Sutton PJ, Behle K, Heimesaat MM, Hüfner M, Gravholt CH, Møllier N, Christiansen JS, Schmitz O, Deacon CF, Brock B, Knudsen LB, Agersø H, Huusfeldt PO, Kelly CM, Brunn C, Schioos J, Sewing S, Lemansky P, Wawro S, Mest HJ, Taguchi T, Motoshima H, Yoshizato K, Guenifi A, Henriksson M, Johansson J, Shafqat J, Tally M, Wahren J, Jömvall H, Ekberg K, Rigler R, Pramanik A, Kratz G, Johansson BL, Uhlén M, Jörmvall H, Forst T, Dufayet De La Tour D, Kunt T, Pfützner A, Goitom K, Pohlmann T, Schneider S, Johansson BL, Löbig M, Engelbach M, Beyer J, Ekman B, Nyström F, Arnqvist HJ, Halvatsiotis PG, Meek S, Bigelow M, Nair KS, Maghsoudi S, Fisker S, Vølund AA, Jørgensen JO, Christiansen JS, Hilsted J, Mazerkina NA, Tiulpakov AN, Gorelyshev SK, Peterkova VA, Macut DJ, Dieguez C, Casanueva FF, Catalina PF, Mallo F, Andrade A, García-Mayor RV, Popova VV, Ter Maaten JC, Popp-Snijders C, Madsen L, Ukropec J, Bergene E, Rnstan AC, Berge R, Arner P, Wahl G, Häring H, Bryson JM, Curtis SE, Caterson ID, Winzell MS, Svensson H, Ahnén B, Holm C, Phillips C, Madigan C, Owens D, Collins P, Johnson A, Tomkin GH, Cabezas MC, van Oostrom AJ, Erkelens DW, Summers LK, Fielding BA, Ilic V, Clark ML, Frayn KN, Pietzsch J, Julius U, Nietzsche S, Fischer S, Lindgren C, Amrot-Fors L, Hoffmann MM, Luft D, Schmölling RM, D'Adamo M, Leonetti F, Paoloni A, Ribaud MC, Basso MS, Elmore U, Restuccia A, Sbraccia P, Emilsson V, O'Dowd J, Heyman R, Cawthorne MA, Pelikánová T, Kazdová L, Žák A, Chvojková Š, Özer EM, Kadioğlu P, Korugan Ü, Hatemi H, Rivelles AA, Dullaart RP, Riemens SC, Sluiter WJ, van Tol A, Farnier M, Megnien S, Turpin G; Cerivastatin Combination Therapy Study Group, Stulp BK, Brambilla P, Brunelli A, Riva MC, Manzoni P, de Poli S, Riboni S, Stolk RP, Meijer R, Wink O, Zelissen PM, van Gils AP, Grobbee DE, Vilarrasa N, Gimenez O, Lopez L, Insa R, Fdez Castañer M, Cabrera-Rode E, Perich P, Diaz-Horta O, Molina G, Fernández Castañer M, López L, Jiménez O, Boltaña A, Ampudia-Blasco FJ, Martínez I, Civera M, Ascaso JF, Carmena R, Ahmed K, Luzio S, Furmaniak V, Owens DR, Dionadji M, Mbaissouroum M, Anderson J, Garg S, MacKenzie T, Shephard M, Peery B, Chase H, Holstein A, Thießen E, Kaufmann N, Egberts EH, Lutgers HL, Hullegie LM, Hoogenberg K, Wientjes KJ, Schoonen AJ, Wientjes KJ, Schoonen AJ, Weitgasser R, Gappmayer B, Pichler M, Sapin R, Friess P, Eskes SA, de Vries JH, Pouwer F, van Ballegooie E, Spijker AJ, Jeng L, Winsett J, Tübiana-Rufi N, Munz-Licha G, Polak M, Sheehan J, Ulchaker M, Toeller M, Üstün A, Yilmaz MT, Aparicio M, Peyron E; EURODIAB Complications Study Group, Rizkalla SW, Taverna M, Guerre-Millo M, Chevalier A, Pacher N, Slama G, Gorshunskaya M, Buyken AE, Heitkamp G, Kabir M, Oppert JM, Wursch P, Bruzzo F, Rahman MH, Fatima K, Ahmed S, Mondal HN, Yilmaz M, Öztok U, Karakoç A, Çakır N, Düzgün E, Yetkin I, Arslan M, Şardaş S, Wilding J, Géloën A, Baret G, Dalmaz Y, Peyronnet J, Clémenceau B, Martignat L, Lalain S, Gouin E, Kenda-Ropson N, Miller AO, You S, Aguilera E, Recasens M, Flores L, Ricart MJ, Fernández-Cruz L, Esmatjes E, Crenier L, Noël C, Le Moine A, Mahy M, Danguy A, Kiss R, Goldman M, Bracci C, De Haan B, Nilsson K, Deschamps JY, Glagolichová A, Smrčková I, Dieterle C, Illner WD, Land W, Feldmeier H, Scheuer R, Lalli C, Di Loreto C, Ellringmann U, Balks HJ, V Zur Mühlen A, Dengler R, Weissenborn K, Rasmussen BM, Ørskov L, Watson J, Owen G, Barrett G, Ingleby J, Weiss M, Deary I, Cavan D, Kerr D, Bruneiii A, Cuce' A, Elsing HG, Kühne D, Quinn ND, Warner DP, Buysschaert M, Jamal R, O'Brien T, Latare P, Mullen J, Rein A, Wargo M, Parkes JL, Ginsberg B,

Sotiropoulos A, Peppas TA, Kotsini V, Apostolou O, Bousboulas S, Michailidis E, Sawala M, Pappas S, Nilsson PM, Nilsson JÅ, Berglund G, Molins T, Esteban JI, Genescà J, Paris I, Haufröid V, Selvais P, Petit JM, Duong M, Grappin M, Guiguet M, Rudoni S, Portier H, Brun JM, Bagg W, Plank L, Drury PL, Sharpe N, Braatvedt GD, Carrascosa JM, Molero JC, Fermín Y, Andrés A, Satrústegui J, Rietzsch H, Patzak A, Schwanebeck U, Simpson H, Robertson-Mackay F, Montegriffo E, Fox C, Chiasson JL, Josse RG, Dorman JM, Gerstein HC, Lau D, Leiter LA, Maheux P, Meneilly GS, Murphy L, Rodger NW, Ross SA, Ryan E, Yale JF, Wolever TM, Haller T, Elias I, Segal P, Standi E, Rybka J, Sencer E, Satman I, Schlcnzka A, Vakkilainen J, Tsaglis H, Ioannidis I, Giakoumaki A, Amantou A, Komitopoulos N, Georgiou S, Varsamis E, Katsilambros N, El Gayar M, Shereba N, Botros R, Fikry R, Jackson D, Balme M, Silva-Nunes J, Alves J, Bogalho P, Gardete-Correia L, Nunes-Corrêa J, Kot'átková A, Němcová D, Vrbíková J, Zamrazil V, Meyer L, Delbachian I, Lehert P, Cugnardey N, Drouin P, Guerçi B, Wagner OF, Jones NP, Vallance SE, Thompson KA, Miller AK, Inglis AM, Patterson S, Jorkasky D, Freed MI, Mathisen AL, Schneider R, Rubin C, Houser V, Beebe KL, Kortboyer JM, Eckland DJ, Cranmer H, Mori Y, Kurokawa N, Komiya H, Horikoshi H, Yokoyama J, Tajima N, Ikeda Y, Bakst A, Hemyari P, Lönnqvist F, Owen S, Vikramadithyan RK, Chakrabarti R, Misra P, Prem Kumar M, Sunil Kumar KB, Ghosh A, Rajagopalan R, Goldstein B, Katoh S, Tsuruoka N, Hata S, Matsushima M, Ikemoto S, Inoue Y, Edwards G, Fonseca V, Biswas N, Bakris G, Viberti G, Rebuck AS, Weill S, Abel MG, Klappoth W, Brodesser A, Linkeschowa R, Pushparaj P, Tan CH, Tan BK, Bahner A, Parker J, Waite G, Lipson V, Nahar N, Rokeya B, Parveen S, Nur-E-Alam M, Mosihuzzaman M, Hansen AK, Lepore M, Kurzhals R, Pampanelli S, Fanelli CG, Bolli GB, Ratner RE, Hirsch IB, Mecca TE, Wilson CA, Mohideen P, Mudaliar S, Deutsch R, Ciaraldi T, Armstrong D, Kim B, Morrill B, Sha X, Henry R, Meyer BH, Scholtz HE, van Niekerk N, Rosenkranz B, Schoenle E; HOE 901/3003 study group, Witthaus E, Bradley C, Stewart J, Barbeau M, Myers S, Flora D, DiMarchi R, Chance R, Plum A, Larsen PS, Larsen UD, Kristensen JB, Jansen JA, Olsen B, Mortensen H, Hylleberg B, Jacobsen LV, Gall MA, Søgaaard B, Ewing FM, Ireland RH, Hoogwerf B, Raskin P, Jovanovic L, Leiter L, Boss AH, Bott U, Ebrahim S, Hirschberger S, Leukel P, Sieber HJ, McGill J, Kilo C, Kamp NM, Wutte A, Le Thai F, Balarac N, Allicar MP, Cazeneuve B, Augendre B, Wise SD, Seah ES, Koivisto V, Torlone E, Del Sindaco P, Ciofetta M, Hedman C, Orre Pettersson AC, Lindström T, Cernigoi AM, Kong N, Kitchen MM, Ryder RE, Petkova M, Angelova-Gateva P, Malone J, Arora V, Bue-Valleskey J, Pein M, Diebler F, Roach P, Gudat U, Dreyer M, Hanusch U, Ristic S, McLeod J, Hirschberg Y, Garreffa S, Keilson L, Mather S, Gagen K, Chen W, Dragonas N, Chuang LM, Juang JH, Wu HP, Chiang YD, Li KL, Jorgensen LN, Tai TY, Cheatham WW, Kennedy F, Woo V, Jain R, Boss A, Moses R, Clauson P, Fischer T, Björk S, Østergaard A, Langendorf KW, Hatorp V, Hasslacher C, Farrar NS, Chambers NJ, Denyer GS, Johnston GA, Hashiguchi S, Jönsson A, Hallengren B, Rydberg T, Herbaut C, Turc A, Mourand I, Chevassus H, Molinier N, Christensen AL, Mathiesen ER, Stage E, Damm P, Boivin S, Gross P, Pennington M, Harder T, Kohlhoff R, Dörner G, Rohde W, Plagemann A, Ferdeghini M, Murru S, Maffei M, Cecchetti P, Dunne F, Brydon P, Smith T, Proffitt M, Holder R, Gee H, Goulis DG, Teoh TG, Asatiani N, Elphick A, Natsvlishvili M, Chanturia T, Shelestova E, Ramazashvili M, Hod M, Cederberg J, Casi AL, Pampfer S, De Hertogh R, Hinck L, Aly S, Bertie J, Botta RM, Imbergamo MP, Impiccihè MG, Todaro B, Greco D, Ekblom P, Clausen P, Feldt-Rasmussen U, Feldt-Rasmussen B, Mølsted Pedersen L, Nørgaard K, Svenningsen A, Nielsen L, Zmudzińska M, Ziętek I, Min Y, Crawford MA, Bozzoni F, Corubolo C, Borrello E, Di Biase N, Spagnolo S, Hawthorne G, Sen D, Bagust A; Northern Diabetic Pregnancy Survey, Maier W, Currie CJ, Sailesh S, Patel V, Hayes D, Cockrill B, Gatling W, Budd S, Mullee MA, Savill AW, Smithers MG, Davies RR, Sandford A, Stutz L, Vadstrup S, Simonsen V, Musaeus L, Molsing B, Lyholm B, Turner BC, Jenkins E, Hejlesen OJ, Andreassen S, Hovorka R, Cavan DA, Klinge A, Strauss KW, Guthrie R, Testa M, Zimmerman R, Sandberg M, Steinfatt H, Hardenberg R, Gottsmann M, König A, Schmauß S, Hierl FX, Renders CM, Valk GD, van Eijk JT, van der Wal G, Jermendy G, Hídvégi T; Hungarian HbA1c Screening Study Group, Müller UA, Junghänel J, Köhler S, Köhler C, Schumann M, Use G, de Valk HW, Blankestijn JG, de Bruin HJ, Bottomley J, Gillam S, Holmes J, Murphy M; TARDIS Steering Committee and UK centres, Madani SF, Müller R, Hunger Dathe W, Grüßer M, Roien D, Hussain M, Vibe-Petersen J, Braun A, Schiel R, Höfer A, Leppert K, Trento M, Passera P, Tomalino M, Bajardi M, Vaccari P, Pagnozzi F, Pomero F, Molinatti GM, Porta M, Blaauwwinkel EE, Hania M, Scholten-Jaegers SM, Links TP, Perciun

R, Dumitrescu C, Skeie S, Thue G, Sandberg S, Nordfeldt S, Ludvigsson J, García R, Suárez R, Henry JL, Kangas M, Wilson PH, Pibernik M, Szabo S, Metelko Ž, González-Clemente JM, Galdon G, De Pedro B, Fontanals L, Miñarro A, Topsever P, Azik A, Karşıdağ K, Dündar Y, Şengül A, Vileikyte L, Apostolou T, Tomenson B, Bundy CH, Gokal R, Gormley DA; WHO/IDF Patient Empowerment Workshop, Baksi AK, Hrachovinová T, Csémy L, Bartášková D, Krch FD, Gåfvels MC, Lithner F, Branchtein L, Matos MC, Gaio D, Yamashita T, Pousada JM, Duncan BB, Schmidt MI; Brazilian Gestational Diabetes Study Group, Buchanan TA, Xiang AH, Tan S, Peters RK, Trigo E, Kjos SL, Lee WP, Azen S, Ilic S, Mezic J, Pettitt DJ, Bastyr EJ, Camps I, Salcedo MD, Rius F, Rubio M, Baptista C, Martins T, Ruas MM, Acosta D, Cerrillos L, Soto A, Quijada D, Morales F, Silva H, García-Hernandez N, Villamil F, Astorga R, Selby PL, Jude EB, Biggs AM, Al-Sabbagh S, Kumar S, Rowbotham J, McKenzie WE, Dodson PM, Barnett AH, Maresh M, Alevizaki M, Anastasiou E, Grigorakis SI, Philippou G, Michalopoulou G, Souvatzoglou A, Corcoy R, Pau E, Pascual E, García-Patterson A, Albareda ML, Ccrmeño J, Altirriba O, Adelantado JM, Ubeda J, Endocrinologia S, Reichelt AJ, Nucci L, Teixeira MM, Costa-E-Forti A, Ciampalini P, Giannone G, Benedetti S, Borrelli P, Czerniawska M, Manowska B, Rami B, Schober E, Hueppe A, Granditsch G, Huber W, Bittmann B, Jaeger A, Saukkonen T, Väisänen S, Savilahti E; Childhood Diabetes in Finland Study Group, Šumník Z, Kotalová R, Loudová M, Cinek O, Šnajderová M, Koloušková S, Vavřinec J, Barbato M, Viola T, Formisano M, Hovind P, Adler IA; UK Prospective Diabetes Study Group, Makita Z, Takeuchi M, Kamada Y, Koike T, Courrèges JP, Pradier P, Bacha J, Aboud E, André L, Lamarca R; Service of internal medicine - diabetologia - vascular diseases, Janeczko-Sosnowska E, Lewandowski Z, Janeczko D, Kopczyński J, Nakagami T, Tomonaga O, Babazono T, Iwamoto Y, Nakanishi K, Higa M, Kosugi E, Elving LD, Szadkowska A, Mirecka MW, Czerniawska E, Weekers L, Hadjadj S, Belloum R, Gallois Y, Bouhanick B, Marre M, Saucha W, Skwarna B, Zychma M, Żukowska-Szczechowska E, Zychma MJ, Zukowska-Szczechowska E, Nazim J, Dziatkowiak H, Sanak M, Cieślik G, Nannipieri M, Viberti GC, De Cosmo S, Piras G, Errannini E, Uchigata Y, Miura J, Okada T, Gong JS, Zhang J, Tanaka M, Wamoto Y, Zucaro L, Bacci S, Miscio G, Thomas M, Piras GP, Cavallo Perin P, Mauer M, Barzon I, Bortoloso E, Saller A, Crepaldi G, Latif ZA, Christensen PK, V Larsen S, Olsen S, Bombonato G, Sacerdoti D, Chiesura-Corona M, Marangon A, Rudberg S, Rasmussen L, Bangstad HJ, Össterby R, Sivous GI, Kasatkina EP, Demurov LM, Nosikov VV, Kotova AK, Kuraeva TL, Mishina II, Gorashko NM, Nosicov VV, Petercova VA, Berrut G, Alhenc-Gelas F, Tsimaratos M, Gerbi A, Barone R, Ollerton RL, Playle RA, Luzio SD, Evans WD, Burch A, Siebenhofer A, Meinitzer A, Brandmaier H, Brunner G, Plank J, West P, Tindall H, McKenna K, Smith D, Tormey W, Kesson CM, Thompson CJ, Penno G, Anichini R, Bandinelli S, Boldrini E, Giannarelli R, Piazza F, Pucci L, Karunakaran S, Morris RJ, Nádas J, Farkas K, Daróczy A, Péterfai É, Svensson M, Weigert C, Facchin S, Gambaro G, Brodbeck K, Schleicher E, Tada H, Nomura K, Kuboki K, Tsukamoto M, Inokuchi T, Menè P, Pugliese F, Iino K, Yoshinari M, Iwase M, Asano T, Sonoki K, Wakisaka M, Takata Y, Ujishima M, Del Prete D, Anglani F, Antonucci F, Mauri JM, Vallés M, Gutiérrez C, Vendrell J, Shinada M, Akdeniz A, Panagiotopoulos P, Bach LA, Law VA, Lecomte PP, Yokota C, Okuda Y, Odawara M, Yamashita K, Yamada N, Kawai K, Açıbay Ö, Mazlum A, Kural E, Gündoğdu S, Jensen C, Körner A, Eklöf AC, Jaremko G, Lal M, DiBona G, Aperia A, Yavuz DG, Tuncer M, Sargon M, Küçükaya B, Ahiskali R, Akalin S, Nohara E, Oates PJ, Ellery CA, Yonem A, Azal O, Cakır B, Erdogan MF, Corakcy A, Ozdemir IC, Stevens RJ, Yudkin JS, Webber J, Wheeler DC, Taylor KG, Jones SL, Srivatsa A, Anderson SG, Cruikshank JK, Florkowski CM, Scott RS, Graham PJ, Moir CL, Flores C, Ruggerenti P, Dodesini AR, Vasile B, Gaspari F, Arnoldi F, Ferrari S, Ciocca I, Spalluzzi A, Remuzzi G, Delvigne C, Ballaux D, Bosman DR, Winkler AS, Marsden J, Watkins PJ, Strutton D, Erbey JR, Jacobsen P, Rossing K, Jensen JS, Mansfield MW, Kowalska I, Telejko B, Bachórzewska-Gajewska A, Prokop J, Kochman W, Musiał W, Naskręt D, Oleksa R, Zozulińska D, Sowiński J, Wierusz-Wysocka B, Klamann A, Jonas M, Müller-Lung U, Heuser L, Launhardt V, Valensi P, Pariès J, Torremocha F, Brulport V, Sachs RN, Vanzetto G, Levy M, Lormeau B, Halimi S, Perforinis A, Boumal D, Zimmermann C, Bernard Y, Sabbah A, Meneveau N, Gautier S, Bassand JP, Anděl M, Kraml P, Potočková J, Dvořáková H, Trešlová L, Nuttall SL, Martin U, Kendall MJ, Schiaffini R, Pantaleo A, Battocletti T, Vaccari V, Brufani C, Martuscelli E, Gargiulo P, Nieszner E, Posa I, Kocsis E, Préda I, Pogatsa G, Koltai MZ, Stefanidis A, Manoussakis S, Handanis S, Zairis M, Vitalis D, Dadiotis L, Fiorina P, La Rocca E, Astorri E, Rossetti C,

Lucignani G, Giudici D, Castoldi R, Mazarakis N, Giagiakou E, Karavidas A, Agellou A, Karamani O, Matsakas E, Caviezel F, Morricone L, Ranucci M, Denti S, Cazzaniga A, Enrini R, Isgrò G, González de Molina FJ, Sala J, Masià R, Marrugat J, Kruszewski P, Wolnik B, Bieniaszewski L, Świerblewska E, Semetkowska-Jurkiewicz E, Krupa-Wojciechowska B, Vasilikos PG, Alaveras AE, Anastasopoulos NG, Chala E, Sidira M, Christakopoulos PD, Poulsen PL, Hansen KW, Ebbenhøj E, Knudsen ST, Mogensen CE, Ramu Y, Vidyullatha Y, Strojek K, Gorska J, Morawin E, Ritz E, Ciavarella A, Malini PL, Strocchi E, Fiumi N, Ambrosioni E, Idzior-Waluś B, Stevens L, McEneny J, O'Kane MJ, Moles KW, McMaster C, Young IS, Leonhardt W, Konstadelou E, Gürlek A, Soedamah-Muthu S, Taskinen MR, Ehnholm C, Wäagner A, Bayen L, Rigla M, Ortega E, Caixàs A, Mestrón A, Ordóñez J, Pérez A, Sotiropoulou G, Servais PL, Bertolotto A, Pilo M, Suchánková G, Andratschke S, Tschöp M, Strasburger CJ, Rizzo L, Aerts P, Vinckx M, Ansquer JC, Ryan M, Buter H, Navis GJ, de Jong PE, de Zeeuw D, Carreras G, Giménez G, Pou JM, Howorka K, Gabriel M, Pumpřla J, Köves A, Bhowmik NB, Haque A, Rahman A, Paleari F, Gamba P, Mauri G, Rovaris G, Giannattasio C, Piatti ML, Zincone A, Cavaletti G, Mancina G, Lan S, Arezzo J, Gerber RA, Klioze SS, Saponara C, Tartaglione T, Cercione S, Caputo S, Meloni T, Brunetti D, Di Lazzaro V, Xu G, Jiang HY, Shy ME, Sugimoto K, Zhang WX, Kuchmerovskaya T, Donchenko G, Shymansky I, Kuchmerovsky N, Pakyrbaeva L, Cameron NE, Keegan A, Cotter MA, Mirrlees D, Smale SE, Biessels GJ, Duis SE, Kamal A, Gispen WH, Carrington A, Carman S, Smiarowski H, Lavoie D, Sawicki D, Sabetta A, Litchfield J, Van Zandt M, Sredy J, Smirnova V, Stokov I, Ivanova L, Ichunina A, Nakamura J, Nakayama M, Hamada Y, Chaya S, Kato K, Kasuya Y, Mizubayashi R, Miwa K, Yasuda Y, Kamiya H, Hotta N, Břró K, Kukorelli T, Szilágyi N, Kürthy M, Komáromy A, Mogyrosi T, Nagy K, Çakir M, Baskal N, Güllü S, Elhan AH, Erdogan G, Ziegler D, Piolot R, Neubauer J, Senesi B, Bonetti R, Napolitano A, Canepa F, Ottonello P, Schabmann A, Giménez-Pérez G, Arroyo JA, López T, Ponz E, Mauricio D, Diem P, Zanchin L, Suter SL, Lefrandt JD, Smit A, van Roon AM, Dullaart R, Voita D, Mackevics V, Vitols A, Lengyel C, Farkas G, Török T, Légrády P, Várkonyi TT, Kardos A, Gingl Z, Kempler P, Rudas L, Lonovics J, Marchand M, Stevens LK, Tarnás G; EURODIAB IDDM Study Group, Estrella F, Christensen NJ, Keresztes K, Barna I, Hermányi Z, Vargha P, Bonnevie L, Chanudet X, Larroque P, Tutuncu NB, Deger A, Batur MK, Yildirim A, Onalan O, Aksöyek S, Kabakçı G, Erbaş T, Galicka-Latała D, Surdacki A, Gerritsen J, TenVoorde BJ, Heethaar RM, Tagawa TS, Kodama M, Yoshioka R, Yamasaki Y, Didangelos T, Athyros V, Kontopoulos A, Papageorgiou A, Karamitsos D, Lacigová S, Rušavý Z, Kárová R, Perrild H, Kay L, Jørgensen T, Bień AI, Witek P, Geraldine E, Rodrigues D, Pereira L, Doménech A, Leitão P, Anagnostopoulos D, Foster AV, Nag S, Barsoum M, Lewis G, Dunlop N, Connolly V, Bilous R, Kelly W, Chantelau E, Gede A, Sharman D, O'Halloran D, Best C, Abbas ZG, Lutale J, Gill GV, Jarvis WR, Archibald LK, Corcoran S, Mansell J, Pibworth L, Terada H, Shiba T, Utugi N, Utugi T, Blum M, Strobel J, Höffken K, Razvi FM, Kritzing EE, Taylor K, Jones S, Illahi W, Grüßer M, Hartmann P, Hoffstadt K, van Leiden HA, Moll AC, Polak BC, Pietragalla GB, Maurino M, Montanaro M, Karadeniz Ş, Tommasini P, Quadrini C, Demiraj V, Rispoli E, Ota A, Takama H, Saito N, Hernández C, Lepore D, Antico L, Giardina B, Franconi F, Michoud E, Chamot S, Riva C, Hammes HP, Renner O, Breier G, Lin J, Alt A, Betzholtz C, Bretzel RG 3rd, Manti R, Gallo M, Molinar Hin A, Brignardello E, Boccuzzi G, Li S, Xiang K, Zhang R, Shangguan X, Wu J, Donnan PT, Broomhall J, Hunter K, Morris AD; DARTS/MEMO Collaboration, Ioannidis G, Peppia M, Rontogianni E, Kallifronas M, Lekatsas I, Chrysanthopoulou G, Anthopoulos L, Kesse M, Thalassinou N, Neves C, Medina JL, Lopes F, Yılmaz M, Güvener N, Güvener M, Kocagöz T, Böke E, Paşaoğlu I, Bascil Tutuncu N, Oto A, Karvonen MK, Koulou M, Pesonen U, Mercuri M, Rauramaa R; Pittsburgh Epidemiology of Diabetes Complications (EDC) Study, Rutter MK, Kestevan P, McComb JM, Marshall SM, Sobieska M, Wiktorowicz K, Kanter SD, Banga JD, Algra A, Frijns CJ, Beutler JJ, Fijnheer R, Nicoloff G, Baydanoff S, Stanimirova N, Petrova C, Lario S, Campistol JM, Cases A, Clària J, Iñigo P, Esmatjes E, Sárman B, Tóth M, Kocsis I, Somogyi A, Bumbure A, Jachimowicz K, Samson J, Tomasiak M, Sobol A, Stańczyk L, Watała C, Stradina P, Wiśniewska-Jarosińska M, Marciniak D, Więclawska B, Watała C, Golański J, Zinnat R, Mahmud I, Büyükasik Y, Demiroğlu H, Szczepanik A, Skowroński M, Murawska A, Meeking DR, Allard S, Munday J, Chowienicz P, Shaw KM, Cummings MH, Šimková R, Jirsa M, Hadoke PW, McIntyre CA, Jones GC, Williams BC, Elliott AI, McKnight JA, Pernow J, Bombonato GC, Finucci GF, Zotta L, Senses V, Ozyazgan S, Ince E, Tunçdemir M, Oztürk M, Sultuybek

G, Akkan AG, Özyazgan S, Unlücerici Y, Bekpınar S, Meyer MF, Lee BC, Shore AC, Humphreys JM, Tooke JE, Dell'Omo G, Giovannitti G, Caricato F, Mariani M, Pedrinelli R, Kiviet-Boehm C, Schwelling V, Matthäei S, Pfohl M, McInerney D, Itoh H, Ohno T, Katoh N, Baumgartner-Parzer S, Artwohl M, Graier W, Ludwig C, Tachi Y, Bannai C, Shinohara M, Shimpuku H, Ohura K, Bertacca A, Sasvári M, Szaleczki E, Pusztai P, Boes U, Klaus E, Dittrich P, Wagner Z, Wittmann I, Pótó L, Wagner L, Mazák I, Nagy J, Feletto F, Taboga C, Tonutti L, Lizzio S, Russo A, Selmo V, Ceriello A, Lekakis J, Papamichael CM, Stamatelopoulos K, Stamatelopoulos S, Yillar DO, Gay M, Lillaz E, Passaro A, Vanini A, Calzoni F, D'Elia K, Carantoni M, Zuliani G, Fellin R, Solini A, Chwatko G, Bald E, Dramais AS, Wallemacq PE, Vandeleene B, Ciaria MV, Ariano M, Strom R, Gibney J, Weiss U, Turner B, O'Gorman P, Watts G, Powrie J, Crook M, Shaw K, Cummings M. 35th Annual Meeting of the European Association for the Study of Diabetes : Brussels, Belgium, 28 September-2 October 1999. *Diabetologia*. 1999 Aug;42(Suppl 1):A1-A330. PubMed PMID: 27770183.

515: Meyer M, Zimmer J, Seiler RW, Widmer HR. GDNF increases the density of cells containing calbindin but not of cells containing calretinin in cultured rat and human fetal nigral tissue. *Cell Transplant*. 1999 Jan-Feb;8(1):25-36. PubMed PMID: 10338273.

516: Langmoen IA, Lundar T. A tribute to Helge Nornes. *Acta Neurochir Suppl*. 1999;72:1-5. PubMed PMID: 10337409.

517: Guzman R, Meyer M, Lövblad KO, Ozdoba C, Schroth G, Seiler RW, Widmer HR. Striatal grafts in a rat model of Huntington's disease: time course comparison of MRI and histology. *Exp Neurol*. 1999 Mar;156(1):180-90. PubMed PMID: 10192789.

518: Höglinger GU, Sautter J, Meyer M, Spenger C, Seiler RW, Oertel WH, Widmer HR. Rat fetal ventral mesencephalon grown as solid tissue cultures: influence of culture time and BDNF treatment on dopamine neuron survival and function. *Brain Res*. 1998 Dec 7;813(2):313-22. PubMed PMID: 9838177.

519: Kaiser GL, Wenger P, Rouiller D. Clinical, gross morphological and neurochemical follow-up in normal, hydrocephalic and hydrocephalic-shunted rats. *Eur J Pediatr Surg*. 1998 Oct;8(5):258-61. PubMed PMID: 9825233.

520: Kalbarczyk A, Lukes A, Seiler RW. Surgical treatment of lumbar spinal stenosis in the elderly. *Acta Neurochir (Wien)*. 1998;140(7):637-41. PubMed PMID: 9781274.

521: Sautter J, Meyer M, Spenger C, Seiler RW, Widmer HR. Effects of combined BDNF and GDNF treatment on cultured dopaminergic midbrain neurons. *Neuroreport*. 1998 Apr 20;9(6):1093-6. PubMed PMID: 9601674.

522: Meyer M, Widmer HR, Wagner B, Guzman R, Evtouchenko L, Seiler RW, Spenger C. Comparison of mesencephalic free-floating tissue culture grafts and cell suspension grafts in the 6-hydroxydopamine-lesioned rat. *Exp Brain Res*. 1998 Apr;119(3):345-55. PubMed PMID: 9551835.

523: Kaiser GL, Horner E, Marchand S, Jost A. Conventional versus Delta valve in the treatment of hydrocephalus in early infancy. *Eur J Pediatr Surg*. 1997 Dec;7 Suppl 1:45-6. PubMed PMID: 9497119.

524: Curatolo M, Petersen-Felix S, Arendt-Nielsen L, Lauber R, Höglström H, Scaramozzino P, Luginbühl M, Sieber TJ, Zbinden AM. Adding sodium bicarbonate to lidocaine enhances the depth of epidural blockade. *Anesth Analg*. 1998 Feb;86(2):341-7. PubMed PMID: 9459246.

525: Sautter J, Tseng JL, Braguglia D, Aebischer P, Spenger C, Seiler RW, Widmer HR, Zurn AD. Implants of polymer-encapsulated genetically modified cells releasing glial cell line-derived

neurotrophic factor improve survival, growth, and function of fetal dopaminergic grafts. *Exp Neurol.* 1998 Jan;149(1):230-6. PubMed PMID: 9454632.

526: Visarius H, Gong J, Scheer C, Haralamb S, Nolte LP. Man-machine interfaces in computer assisted surgery. *Comput Aided Surg.* 1997;2(2):102-7. PubMed PMID: 9292262.

527: Spenger C, Haque NS, Studer L, Evtouchenko L, Wagner B, Bühler B, Lendahl U, Dunnett SB, Seiler RW. Fetal ventral mesencephalon of human and rat origin maintained in vitro and transplanted to 6-hydroxydopamine-lesioned rats gives rise to grafts rich in dopaminergic neurons. *Exp Brain Res.* 1996 Nov;112(1):47-57. PubMed PMID: 8951406.

528: Curatolo M, Scaramozzino P, Venuti FS, Orlando A, Zbinden AM. Factors associated with hypotension and bradycardia after epidural blockade. *Anesth Analg.* 1996 Nov;83(5):1033-40. PubMed PMID: 8895281.

529: Evtouchenko L, Studer L, Spenger C, Dreher E, Seiler RW. A mathematical model for the estimation of human embryonic and fetal age. *Cell Transplant.* 1996 Jul-Aug;5(4):453-64. PubMed PMID: 8800513.

530: Studer L, Spenger C, Seiler RW, Othberg A, Lindvall O, Odin P. Effects of brain-derived neurotrophic factor on neuronal structure of dopaminergic neurons in dissociated cultures of human fetal mesencephalon. *Exp Brain Res.* 1996 Mar;108(2):328-36. PubMed PMID: 8815041.

531: Studer L, Psylla M, Bühler B, Evtouchenko L, Vouga CM, Leenders KL, Seiler RW, Spenger C. Noninvasive dopamine determination by reversed phase HPLC in the medium of free-floating roller tube cultures of rat fetal ventral mesencephalon: a tool to assess dopaminergic tissue prior to grafting. *Brain Res Bull.* 1996;41(3):143-50. PubMed PMID: 8886383.

532: Curatolo M, Orlando A, Zbinden A, Venuti FS. Failure rate of epidural anaesthesia for foot and ankle surgery. A comparison with other surgical procedures. *Eur J Anaesthesiol.* 1995 Jul;12(4):363-7. PubMed PMID: 7588665.

533: Ebeling U, Fischer M, Kothbauer K. Surgery of astrocytomas in the motor and premotor cortex under local anesthesia: report of 11 cases. *Minim Invasive Neurosurg.* 1995 Jun;38(2):51-9. PubMed PMID: 7583363.

534: Kothbauer K, Schroth G, Seiler RW, Do DD. Severe symptomatic vasospasm after rupture of an arteriovenous malformation. *AJNR Am J Neuroradiol.* 1995 May;16(5):1073-5. PubMed PMID: 7639129.

535: Spenger C, Hyman C, Studer L, Egli M, Evtouchenko L, Jackson C, Dahl-Jørgensen A, Lindsay RM, Seiler RW. Effects of BDNF on dopaminergic, serotonergic, and GABAergic neurons in cultures of human fetal ventral mesencephalon. *Exp Neurol.* 1995 May;133(1):50-63. PubMed PMID: 7601263.

536: Ebeling U, Hasdemir MG. Stereotactic guided microsurgery of cerebral lesions. *Minim Invasive Neurosurg.* 1995 Mar;38(1):10-5. PubMed PMID: 7627579.

537: Nolte LP, Zamorano LJ, Jiang Z, Wang Q, Langlotz F, Berlemann U. Image-guided insertion of transpedicular screws. A laboratory set-up. *Spine (Phila Pa 1976).* 1995 Feb 15;20(4):497-500. PubMed PMID: 7747237.

538: Studer L, Spenger C, Seiler RW, Altar CA, Lindsay RM, Hyman C. Comparison of the effects of the neurotrophins on the morphological structure of dopaminergic neurons in cultures of rat substantia nigra. *Eur J Neurosci.* 1995 Feb 1;7(2):223-33. PubMed PMID: 7757259.

- 539: Nolte LP, Visarius H, Arm E, Langlotz F, Schwarzenbach O, Zamorano L. Computer-aided fixation of spinal implants. *J Image Guid Surg.* 1995;1(2):88-93. PubMed PMID: 9079432.
- 540: Sturzenegger M, Herren D, Büchler U. [The treatment of combined digital-palmar injuries]. *Rev Med Suisse Romande.* 1994 Apr;114(4):301-9. French. PubMed PMID: 8197348.
- 541: Kothbauer K, Schmid UD, Seiler RW, Eisner W. Intraoperative motor and sensory monitoring of the cauda equina. *Neurosurgery.* 1994 Apr;34(4):702-7; discussion 707. PubMed PMID: 8008170.
- 542: Studer L, Spenger C, Luthman J, Seiler RW. NGF increases neuritic complexity of cholinergic interneurons in organotypic cultures of neonatal rat striatum. *J Comp Neurol.* 1994 Feb 8;340(2):281-96. PubMed PMID: 7515400.
- 543: Steiger HJ, Fritschi J, Seiler RW. Current pattern of in-hospital aneurysmal rebleeds. Analysis of a series treated with individually timed surgery and intravenous nimodipine. *Acta Neurochir (Wien).* 1994;127(1-2):21-6. PubMed PMID: 7942176.
- 544: Fritschi JA, Reulen HJ, Spetzler RF, Zabramski JM. Cavernous malformations of the brain stem. A review of 139 cases. *Acta Neurochir (Wien).* 1994;130(1-4):35-46. Review. PubMed PMID: 7725941.
- 545: Kaiser GL, Rüdeberg A. Congenital cerebrospinal fluid mass lesions: does it make sense? *Eur J Pediatr Surg.* 1993 Dec;3 Suppl 1:28-9. PubMed PMID: 8130148.
- 546: Bänninger H, Hardegger T, Tobler A, Barth A, Schüpbach P, Reinhart W, Lämmle B, Furlan M. Fibrin glue in surgery: frequent development of inhibitors of bovine thrombin and human factor V. *Br J Haematol.* 1993 Nov;85(3):528-32. PubMed PMID: 8136275.
- 547: Kothbauer K, Schmid UD, Liechti S, Rösler KM. The effect of ketamine anesthetic induction on muscle responses to transcranial magnetic cortex stimulation studied in man. *Neurosci Lett.* 1993 May 14;154(1-2):105-8. PubMed PMID: 8361620.
- 548: Steiger HJ, Aaslid R, Stooss R. Dynamic computed tomographic imaging of regional cerebral blood flow and blood volume. A clinical pilot study. *Stroke.* 1993 Apr;24(4):591-7. PubMed PMID: 8465367.
- 549: Raveh J, Laedrach K, Speiser M, Chen J, Vuillemin T, Seiler R, Ebeling U, Leibinger K. The subcranial approach for fronto-orbital and anteroposterior skull-base tumors. *Arch Otolaryngol Head Neck Surg.* 1993 Apr;119(4):385-93. PubMed PMID: 8457302.
- 550: Meier CL, Herrling PL. N-methyl-D-aspartate induces regular firing patterns in the cat lateral habenula in vivo. *Neuroscience.* 1993 Feb;52(4):951-9. PubMed PMID: 7680802.
- 551: Hasdemir MG, Ebeling U. CT-guided stereotactic aspiration and treatment of brain abscesses. An experience with 24 cases. *Acta Neurochir (Wien).* 1993;125(1-4):58-63. PubMed PMID: 8122558.
- 552: Raveh J, Laedrach K, Vuillemin T, Zingg M. Management of combined frontonasal-orbital/skull base fractures and telecanthus in 355 cases. *Arch Otolaryngol Head Neck Surg.* 1992 Jun;118(6):605-14. PubMed PMID: 1637538.
- 553: Ebeling U, von Cramon D. Topography of the uncinate fascicle and adjacent temporal fiber tracts. *Acta Neurochir (Wien).* 1992;115(3-4):143-8. PubMed PMID: 1605083.
- 554: Markwalder TM, Saager C, Reulen HJ. "Isthmic" spondylolisthesis—an analysis of the clinical and

radiological presentation in relation to intraoperative findings and surgical results in 72 consecutive cases. *Acta Neurochir (Wien)*. 1991;110(3-4):154-9. PubMed PMID: 1927608.

555: Gröger U, Marmarou A. Importance of protein content in the edema fluid for the resolution of brain edema. *Adv Neurol*. 1990;52:215-8. PubMed PMID: 2396515.

556: Steiger HJ. Pathophysiology of development and rupture of cerebral aneurysms. *Acta Neurochir Suppl (Wien)*. 1990;48:1-57. PubMed PMID: 2389684.

557: Reulen HJ, Huber P, Ito U, Gröger U. Peritumoral brain edema. A keynote address. *Adv Neurol*. 1990;52:307-15. Review. PubMed PMID: 2204255.

558: Aaslid R, Gröger U, Patlak CS, Fenstermacher JD, Huber P, Reulen HJ. Fluid flow rates in human peritumoural oedema. *Acta Neurochir Suppl (Wien)*. 1990;51:152-4. PubMed PMID: 2089881.

559: Ebeling U, Steinmetz H, Huang YX, Kahn T. Topography and identification of the inferior precentral sulcus in MR imaging. *AJR Am J Roentgenol*. 1989 Nov;153(5):1051-6. PubMed PMID: 2678995.

560: Ott B, Neuberger L, Frey HP. Obliteration of the axillary artery after axillary block. *Anaesthesia*. 1989 Sep;44(9):773-4. PubMed PMID: 2802129.

561: Ebeling U, Steinmetz H, Huang Y, Kahn T. Topography and identification of the inferior precentral sulcus in MR imaging. *AJNR Am J Neuroradiol*. 1989 Sep-Oct;10(5):937-42. PubMed PMID: 2505537.

562: Ebeling U, Kalbarczyk H, Reulen HJ. Microsurgical reoperation following lumbar disc surgery. Timing, surgical findings, and outcome in 92 patients. *J Neurosurg*. 1989 Mar;70(3):397-404. PubMed PMID: 2915246.

563: Steiger HJ, Aaslid R, Keller S, Reulen HJ. Growth of aneurysms can be understood as passive yield to blood pressure. An experimental study. *Acta Neurochir (Wien)*. 1989;100(1-2):74-8. PubMed PMID: 2816538.

564: Markwalder TM, Reulen HJ. Translaminar screw fixation in lumbar spine pathology. Technical note. *Acta Neurochir (Wien)*. 1989;99(1-2):58-60. PubMed PMID: 2756851.

565: Pfaundler S, Ebeling U, Reulen HJ. Pedicle origin and intervertebral compartment in the lumbar and upper sacral spine. A biometric study. *Acta Neurochir (Wien)*. 1989;97(3-4):158-65. PubMed PMID: 2718807.

566: Groeger U, Marmarou A. The importance of protein content in the oedema fluid for the resolution of brain oedema. *Acta Neurochir (Wien)*. 1989;101(3-4):134-40. PubMed PMID: 2618819.

567: Steiger HJ, Aaslid R, Keller S, Reulen HJ. Strength, elasticity and viscoelastic properties of cerebral aneurysms. *Heart Vessels*. 1989;5(1):41-6. PubMed PMID: 2584177.

568: Markwalder TM, Reulen HJ. Diagnostic approach in instability and irritative state of a "lumbar motion segment" following disc surgery-failed back surgery syndrome. *Acta Neurochir (Wien)*. 1989;99(1-2):51-7. PubMed PMID: 2526990.

569: Markwalder TM, Gerber HA, Waelti E, Schaffner T, Markwalder RV. Hormonotherapy of meningiomas with medroxyprogesterone acetate. Immunohistochemical demonstration of the effect of medroxyprogesterone acetate on growth fractions of meningioma cells using the monoclonal

antibody Ki-67. Surg Neurol. 1988 Aug;30(2):97-101. PubMed PMID: 2969629.

570: Steiger HJ, Poll A, Liepsch DW, Reulen HJ. Haemodynamic stress in terminal aneurysms. Acta Neurochir (Wien). 1988;93(1-2):18-23. PubMed PMID: 3414412.

571: Steiger HJ, Liepsch DW, Poll A, Reulen HJ. Hemodynamic stress in terminal saccular aneurysms: a laser-Doppler study. Heart Vessels. 1988;4(3):162-9. PubMed PMID: 3248984.

572: Steiger HJ, Markwalder TM, Reulen HJ. Clinicopathological relations of cerebral cavernous angiomas: observations in eleven cases. Neurosurgery. 1987 Dec;21(6):879-84. Review. PubMed PMID: 3325850.

573: Grolimund P, Seiler RW, Aaslid R, Huber P, Zurbrugg H. Evaluation of cerebrovascular disease by combined extracranial and transcranial Doppler sonography. Experience in 1,039 patients. Stroke. 1987 Nov-Dec;18(6):1018-24. PubMed PMID: 3318000.

574: Ebeling U, Rikli D, Huber P, Reulen HJ. The coronal suture, a useful bony landmark in neurosurgery? Craniocerebral topography between bony landmarks on the skull and the brain. Acta Neurochir (Wien). 1987;89(3-4):130-4. PubMed PMID: 3434350.

575: Escher F. [Results and experiences in the destruction of the pituitary gland. A. Results of the Bern surgical team]. Fortschr Hals Nasen Ohrenheilkd. 1965;12:129-60. German. PubMed PMID: 5827436.

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