

Sahlgrenska University Hospital

The Sahlgrenska University Hospital is a system of hospitals associated with the Sahlgrenska Academy at the University of [Gothenburg](#).

Pernilla Ståhl

Bertil Rydenhag

1: Ståhl P, Henoch I, Smits A, Rydenhag B, Ozanne A. [Quality of life](#) in patients with [glioblastoma](#) and their relatives. *Acta Neurol Scand*. 2022 Apr 26. doi: 10.1111/ane.13625. Epub ahead of print. PMID: 35470866.

2: Jensdottir M, Beniaminov S, Jakola AS, Persson O, Norrelgen F, Hylin S, Fletcher-Sandersjö A, Bartek J Jr. Standardized reporting of adverse events and functional status from the first 5 years of awake surgery for gliomas: a population-based single-institution consecutive series. *Acta Neurochir (Wien)*. 2022 Apr 14. doi: 10.1007/s00701-022-05191-0. Epub ahead of print. PMID: 35420374.

3: Sundström N, Lundin F, Arvidsson L, Tullberg M, Wikkelsø C. The demography of idiopathic normal pressure hydrocephalus: data on 3000 consecutive, surgically treated patients and a systematic review of the literature. *J Neurosurg*. 2022 Apr 8:1-11. doi: 10.3171/2022.2.JNS212063. Epub ahead of print. PMID: 35395629.

4: Newcombe VFJ, Ashton NJ, Posti JP, Glocker B, Manktelow A, Chatfield DA, Winzeck S, Needham E, Correia MM, Williams GB, Simrén J, Takala RSK, Katila AJ, Maanpää HR, Tallus J, Frantzén J, Blennow K, Tenovuo O, Zetterberg H, Menon DK. Post-acute blood biomarkers and disease progression in traumatic brain injury. *Brain*. 2022 Apr 4:awac126. doi: 10.1093/brain/awac126. Epub ahead of print. PMID: 35377407.

5: Rydén I, Thurin E, Carstam L, Smits A, Gulati S, Henriksson R, Salvesen Ø, Store Jakola A. Correction: Psychotropic and anti-epileptic drug use, before and after surgery, among patients with low-grade glioma: a nationwide matched cohort study. *BMC Cancer*. 2022 Mar 31;22(1):350. doi: 10.1186/s12885-022-09400-y. Erratum for: *BMC Cancer*. 2021 Mar 8;21(1):248. PMID: 35361133; PMCID: PMC8969255.

6: Hermansen E, Austevoll IM, Hellum C, Storheim K, Myklebust TÅ, Aaen J, Banitalebi H, Anvar M, Rekeland F, Brox JI, Franssen E, Weber C, Solberg TK, Furunes H, Grundnes O, Brisby H, Indrekvam K. Comparison of 3 Different Minimally Invasive Surgical Techniques for Lumbar Spinal Stenosis: A Randomized Clinical Trial. *JAMA Netw Open*. 2022 Mar 1;5(3):e224291. doi: 10.1001/jamanetworkopen.2022.4291. PMID: 35344046; PMCID: PMC8961320.

7: Weller M, van den Bent M, Preusser M, Le Rhun E, Tonn JC, Minniti G, Bendszus M, Balana C, Chinot O, Dirven L, French P, Hegi ME, Jakola AS, Platten M, Roth P, Rudà R, Short S, Smits M, Taphoorn MJB, von Deimling A, Westphal M, Soffietti R, Reifenberger G, Wick W. Author Correction: EANO guidelines on the diagnosis and treatment of diffuse gliomas of adulthood. *Nat Rev Clin Oncol*. 2022 May;19(5):357-358. doi: 10.1038/s41571-022-00623-3. Erratum for: *Nat Rev Clin Oncol*. 2021

Mar;18(3):170-186. PMID: 35322237.

8: Galiay L, Hennocq Q, Cross C, Arnaud E, Larysz D, Kölby L, Paternoster G, Khonsari RH, Moazen M. Management of sagittal craniosynostosis: Morphological comparison of 8 surgical techniques. *Br J Oral Maxillofac Surg*. 2021 Oct 5:S0266-4356(21)00350-8. doi: 10.1016/j.bjoms.2021.09.017. Epub ahead of print. PMID: 35314080.

9: Brum WS, de Bastiani MA, Bieger A, Therriault J, Ferrari-Souza JP, Benedet AL, Saha-Chaudhuri P, Souza DO, Ashton NJ, Zetterberg H, Pascoal TA, Karikari T, Blennow K, Rosa-Neto P, Zimmer ER; Alzheimer's Disease Neuroimaging Initiative (ADNI). A three-range approach enhances the prognostic utility of CSF biomarkers in Alzheimer's disease. *Alzheimers Dement (N Y)*. 2022 Mar 13;8(1):e12270. doi: 10.1002/trc2.12270. PMID: 35310530; PMCID: PMC8918110.

10: Keshavan A, O'Shea F, Chapman MD, Hart MS, Lunn MP, Paterson RW, Rohrer JD, Mummery CJ, Fox NC, Zetterberg H, Schott JM. CSF biomarkers for dementia. *Pract Neurol*. 2022 Mar 17;practneurol-2021-003310. doi: 10.1136/practneurol-2021-003310. Epub ahead of print. PMID: 35301255.

11: Bonkhoff AK, Bretzner M, Hong S, Schirmer MD, Cohen A, Regenhardt RW, Donahue KL, Nardin MJ, Dalca AV, Giese AK, Etherton MR, Hancock BL, Mocking SJT, McIntosh EC, Attia J, Benavente OR, Bevan S, Cole JW, Donatti A, Griessenauer CJ, Heitsch L, Holmegaard L, Jood K, Jimenez-Conde J, Kittner SJ, Lemmens R, Levi CR, McDonough CW, Meschia JF, Phuah CL, Rolfs A, Ropele S, Rosand J, Roquer J, Rundek T, Sacco RL, Schmidt R, Sharma P, Slowik A, Söderholm M, Sousa A, Stanne TM, Strbian D, Tatlisumak T, Thijs V, Vagal A, Wasselius J, Woo D, Zand R, McArdle PF, Worrall BB, Jern C, Lindgren AG, Maguire J, Fox MD, Bzdok D, Wu O, Rost NS; MRI-GENIE and GISCOME Investigators and the International Stroke Genetics Consortium. Sex-specific lesion pattern of functional outcomes after stroke. *Brain Commun*. 2022 Feb 2;4(2):fcac020. doi: 10.1093/braincomms/fcac020. PMID: 35282166; PMCID: PMC8914504.

12: Svantesson E, Berg J, Bunketorp Käll L, Wangdell J, Ramström T, Reinholdt C. Så kan funktion i hand och arm återfås efter halsryggmärgsskada [The combination of nerve and tendon transfers offers good possibilities for hand function in patients with cervical spinal cord injury]. *Lakartidningen*. 2022 Mar 3;119:21201. Swedish. PMID: 35266131.

13: Jakola AS, Pedersen LK, Skjulsvik AJ, Myrmed K, Sjøvik K, Solheim O. The impact of resection in IDH-mutant WHO grade 2 gliomas: a retrospective population-based parallel cohort study. *J Neurosurg*. 2022 Mar 4:1-8. doi: 10.3171/2022.1.JNS212514. Epub ahead of print. PMID: 35245899.

14: Del Campo M, Zetterberg H, Gandy S, Onyike CU, Oliveira F, Udeh-Momoh C, Lleó A, Teunissen CE, Pijnenburg Y. New developments of biofluid-based biomarkers for routine diagnosis and disease trajectories in frontotemporal dementia. *Alzheimers Dement*. 2022 Mar 2. doi: 10.1002/alz.12643. Epub ahead of print. PMID: 35235699.

15: Jaakonmäki N, Zedde M, Sarkanen T, Martinez-Majander N, Tuohinen S, Sinisalo J, Ryödi E, Autere J, Hedman M, Junttola U, Huhtakangas JK, Grimaldi T, Pascarella R, Nordanstig A, Bech-Hanssen O, Holbe C, Busch R, Fromm A, Ylikotila P, Turgut EE, Amorim I, Ryliskiene K, Tulkki L, Pascasio LA, Licenik R, Ferdinand P, Tsivgoulis G, Jatužis D, Kõrv L, Kõrv J, Pezzini A, Fonseca AC, Yesilot N, Roine RO, Waje-Andreassen U, von Sarnowski B, Redfors P, Huhtakangas J, Numminen H, Jäkälä P, Putaala J; SECRETO Study Group. Obesity and the Risk of Cryptogenic Ischemic Stroke in Young Adults. *J Stroke Cerebrovasc Dis*. 2022 May;31(5):106380. doi: 10.1016/j.jstrokecerebrovasdis.2022.106380. Epub 2022 Feb 19. PMID: 35193029.

- 16: Gard A, Al-Husseini A, Kornaropoulos EN, De Maio A, Tegner Y, Björkman- Burtcher I, Markenroth Bloch K, Nilsson M, Magnusson M, Marklund N. Post- Concussive Vestibular Dysfunction Is Related to Injury to the Inferior Vestibular Nerve. *J Neurotrauma*. 2022 Mar 7. doi: 10.1089/neu.2021.0447. Epub ahead of print. PMID: 35171721.
- 17: Braun M, Bjurnemark C, Seo W, Freyhult E, Nyholm D, Niemelä V, Blennow K, Zetterberg H, Fällmar D, Kultima K, Virhammar J. Higher levels of neurofilament light chain and total tau in CSF are associated with negative outcome after shunt surgery in patients with normal pressure hydrocephalus. *Fluids Barriers CNS*. 2022 Feb 14;19(1):15. doi: 10.1186/s12987-022-00306-2. PMID: 35164790; PMCID: PMC8845290.
- 18: Ashton NJ, Benedet AL, Pascoal TA, Karikari TK, Lantero-Rodriguez J, Brum WS, Mathotaarachchi S, Theriault J, Savard M, Chamoun M, Stoops E, Francois C, Vanmechelen E, Gauthier S, Zimmer ER, Zetterberg H, Blennow K, Rosa-Neto P. Cerebrospinal fluid p-tau231 as an early indicator of emerging pathology in Alzheimer's disease. *EBioMedicine*. 2022 Feb;76:103836. doi: 10.1016/j.ebiom.2022.103836. Epub 2022 Feb 12. PMID: 35158308; PMCID: PMC8850760.
- 19: Mediratta S, Lippa L, Venturini S, Demetriades AK, El-Ouahabi A, Gandía- González ML, Harkness W, Hutchinson P, Park KB, Rabiei K, Rosseau G, Schaller K, Servadei F, Lafuente J, Kolias AG. Current state of global neurosurgery activity amongst European neurosurgeons. *J Neurosurg Sci*. 2022 Feb 11. doi: 10.23736/S0390-5616.21.05447-3. Epub ahead of print. PMID: 35147400.
- 20: Ziff OJ, Ashton NJ, Mehta PR, Brown R, Athauda D, Heaney J, Heslegrave AJ, Benedet AL, Blennow K, Checkley AM, Houlihan CF, Gauthier S, Rosa-Neto P, Fox NC, Schott JM, Zetterberg H, Benjamin LA, Paterson RW. Amyloid processing in COVID-19-associated neurological syndromes. *J Neurochem*. 2022 Apr;161(2):146-157. doi: 10.1111/jnc.15585. Epub 2022 Mar 2. PMID: 35137414.
- 21: Tissot C, Theriault J, Kunach P, L Benedet A, Pascoal TA, Ashton NJ, Karikari TK, Servaes S, Lussier FZ, Chamoun M, Tudorascu DL, Stevenson J, Rahmouni N, Poltronetti NM, Pallen V, Bezgin G, Kang MS, Mathotaarachchi SS, Wang YT, Fernandez Arias J, Ferreira PCL, Ferrari-Souza JP, Vanmechelen E, Blennow K, Zetterberg H, Gauthier S, Rosa-Neto P. Comparing tau status determined via plasma pTau181, pTau231 and [¹⁸F]MK6240 tau-PET. *EBioMedicine*. 2022 Feb;76:103837. doi: 10.1016/j.ebiom.2022.103837. Epub 2022 Feb 6. PMID: 35134647; PMCID: PMC8844756.
- 22: Lukkarinen H, Jeppsson A, Wikkelso C, Blennow K, Zetterberg H, Constantinescu R, Remes AM, Herukka SK, Hiltunen M, Rauramaa T, Nägga K, Leinonen V, Tullberg M. Cerebrospinal fluid biomarkers that reflect clinical symptoms in idiopathic normal pressure hydrocephalus patients. *Fluids Barriers CNS*. 2022 Feb 5;19(1):11. doi: 10.1186/s12987-022-00309-z. PMID: 35123528; PMCID: PMC8817565.
- 23: Szaro P, Geijer M, Cizek B, McGrath A. Magnetic resonance imaging of the brachial plexus. Part 2: Traumatic injuries. *Eur J Radiol Open*. 2022 Jan 22;9:100397. doi: 10.1016/j.ejro.2022.100397. PMID: 35111891; PMCID: PMC8789590.
- 24: Tefre S, Lilja-Cyron A, Arvidsson L, Bartek J, Corell A, Forsse A, Glud AN, Hamdeh SA, Hansen FL, Huotarinen A, Johansson C, Kämäräinen OP, Korhonen T, Kotkansalo A, Mansoor NM, Mendoza Mireles EE, Miscov R, Munthe S, Nittby- Redebrandt H, Obad N, Pedersen LK, Posti J, Raj R, Satopää J, Ståhl N, Tetri S, Tobieson L, Juhler M. Endoscopic third ventriculostomy for adults with hydrocephalus: creating a prognostic model for success: protocol for a retrospective multicentre study (Nordic ETV). *BMJ Open*. 2022 Jan 31;12(1):e055570. doi: 10.1136/bmjopen-2021-055570. PMID: 35105647; PMCID: PMC8808390.

25: Bjurström MF, Blennow K, Zetterberg H, Bodelsson M, Waldén M, Dietz N, Hall S, Hansson O, Irwin MR, Mattsson-Carlgren N. Central nervous system monoaminergic activity in hip osteoarthritis patients with disabling pain: associations with pain severity and central sensitization. *Pain Rep.* 2022 Jan 24;7(1):e988. doi: 10.1097/PR9.0000000000000988. PMID: 35097309; PMCID: PMC8789209.

26: Thomson S, Huygen F, Prangnell S, Baranidharan G, Belaïd H, Billet B, Eldabe S, De Carolis G, Demartini L, Gatzinsky K, Kallewaard JW, Paroli M, Winkelmüller M, Helsen N, Stoevelaar H. Applicability and Validity of an e-Health Tool for the Appropriate Referral and Selection of Patients With Chronic Pain for Spinal Cord Stimulation: Results From a European Retrospective Study. *Neuromodulation.* 2022 Jan 21:S1094-7159(21)06971-3. doi: 10.1016/j.neurom.2021.12.006. Epub ahead of print. PMID: 35088755.

27: Meyer PF, Ashton NJ, Karikari TK, Strikwerda-Brown C, Köbe T, Gonneaud J, Pichet Binette A, Ozlen H, Yakoub Y, Simrén J, Pannee J, Lantero-Rodriguez J, Labonté A, Baker SL, Schöll M, Vanmechelen E, Breitner JCS, Zetterberg H, Blennow K, Poirier J, Villeneuve S; Presymptomatic Evaluation of Experimental or Novel Treatments for Alzheimer Disease (PREVENT-AD) Research Group. Plasma p-tau231, p-tau181, PET Biomarkers, and Cognitive Change in Older Adults. *Ann Neurol.* 2022 Apr;91(4):548-560. doi: 10.1002/ana.26308. Epub 2022 Feb 18. PMID: 35084051.

28: Carstam L, Corell A, Smits A, Dénes A, Barchéus H, Modin K, Sjögren H, Ferreyra Vega S, Bontell TO, Carén H, Jakola AS. WHO Grade Loses Its Prognostic Value in Molecularly Defined Diffuse Lower-Grade Gliomas. *Front Oncol.* 2022 Jan 10;11:803975. doi: 10.3389/fonc.2021.803975. PMID: 35083156; PMCID: PMC8785215.

29: Uche EO, Sundblom J, Iloabachie I, Ozoh II, Alalade A, Revesz D, Sandvik U, Olsson M, Mezue WC, Tisell M, Ryttefjors M. Pilot application of Lecture-Panel- Discussion Model (LPDM) in global collaborative neurosurgical education: a novel training paradigm innovated by the Swedish African Neurosurgery Collaboration. *Acta Neurochir (Wien).* 2022 Apr;164(4):967-972. doi: 10.1007/s00701-021-05071-z. Epub 2022 Jan 21. PMID: 35059854; PMCID: PMC8776360.

30: Mehta NH, Sherbansky J, Kamer AR, Carare RO, Butler T, Rusinek H, Chiang GC, Li Y, Strauss S, Saint-Louis LA, Theise ND, Suss RA, Blennow K, Kaplitt M, de Leon MJ. The Brain-Nose Interface: A Potential Cerebrospinal Fluid Clearance Site in Humans. *Front Physiol.* 2022 Jan 4;12:769948. doi: 10.3389/fphys.2021.769948. PMID: 35058794; PMCID: PMC8764168.

31: Deer TR, Russo M, Grider JS, Pope J, Hagedorn JM, Weisbein J, Abd-Elsayed A, Benyamin R, Raso LJ, Patel KV, Provenzano D, Kim PS, Amirdelfan K, Bolash R, Steegers M, Sullivan R, Verrills P, Carlson J, Kapural L, Diwan S, Barolat G, Pahapill PA, De Andres J, Raslan AM, Lopez JA, Leong MS, Attias MB, Teddy P, Green AL, Dario A, Piedimonte F, Chapman KB, Tomycz ND, FitzGerald J, Gatzinsky K, Varshney V, Gish B, Lindsey BL, Buvanendran A, Lamer TJ, Slavin KV, Levy RM. The Neurostimulation Appropriateness Consensus Committee (NACC): Recommendations on Best Practices for Cervical Neurostimulation. *Neuromodulation.* 2022 Jan;25(1):35-52. doi: 10.1016/j.neurom.2021.10.013. Erratum in: *Neuromodulation.* 2022 Apr;25(3):482. PMID: 35041587.

32: Banitalebi H, Espeland A, Anvar M, Hermansen E, Hellum C, Brox JI, Myklebust TÅ, Indrekvam K, Brisby H, Weber C, Aaen J, Austevoll IM, Grundnes O, Negård A. Reliability of preoperative MRI findings in patients with lumbar spinal stenosis. *BMC Musculoskelet Disord.* 2022 Jan 15;23(1):51. doi: 10.1186/s12891-021-04949-4. PMID: 35033042; PMCID: PMC8760672.

33: Tarnow P, Kölby L, Maltese G, Söfteland MB, Lewén A, Nilsson P, Enblad P, Nowinski D. Incidence of Non-Syndromic and Syndromic Craniosynostosis in Sweden. *J Craniofac Surg.* 2022 Jan 12. doi: 10.1097/SCS.00000000000008457. Epub ahead of print. PMID: 35025825.

- 34: Arnardóttir S, Järås J, Burman P, Berinder K, Dahlqvist P, Erfurth EM, Höybye C, Larsson K, Ragnarsson O, Ekman B, Edén Engström B. Long-term outcomes of patients with acromegaly: a report from the Swedish Pituitary Register. *Eur J Endocrinol.* 2022 Feb 1;186(3):329-339. doi: 10.1530/EJE-21-0729. PMID: 35007208.
- 35: Gómez Vecchio T, Corell A, Buvarp D, Rydén I, Smits A, Jakola AS. Classification of Adverse Events Following Surgery in Patients With Diffuse Lower-Grade Gliomas. *Front Oncol.* 2021 Dec 21;11:792878. doi: 10.3389/fonc.2021.792878. PMID: 34993147; PMCID: PMC8724913.
- 36: Das A, Sudhaman S, Morgenstern D, Coblenz A, Chung J, Stone SC, Alsafwani N, Liu ZA, Karsaneh OAA, Soleimani S, Ladany H, Chen D, Zatzman M, Cabric V, Nobre L, Bianchi V, Edwards M, Sambira Nahum LC, Ercan AB, Nabbi A, Constantini S, Dvir R, Yalon-Oren M, Campino GA, Caspi S, Larouche V, Reddy A, Osborn M, Mason G, Lindhorst S, Bronsema A, Magimairajan V, Opocher E, De Mola RL, Sabel M, Frojd C, Sumerauer D, Samuel D, Cole K, Chiaravalli S, Massimino M, Tomboc P, Ziegler DS, George B, Van Damme A, Hijiya N, Gass D, McGee RB, Mordechai O, Bowers DC, Laetsch TW, Lossos A, Blumenthal DT, Sarosiek T, Yen LY, Knipstein J, Bendel A, Hoffman LM, Luna-Fineman S, Zimmermann S, Scheers I, Nichols KE, Zapotocky M, Hansford JR, Maris JM, Dirks P, Taylor MD, Kulkarni AV, Shroff M, Tsang DS, Villani A, Xu W, Aronson M, Durno C, Shlien A, Malkin D, Getz G, Maruvka YE, Ohashi PS, Hawkins C, Pugh TJ, Bouffet E, Tabori U. Genomic predictors of response to PD-1 inhibition in children with germline DNA replication repair deficiency. *Nat Med.* 2022 Jan;28(1):125-135. doi: 10.1038/s41591-021-01581-6. Epub 2022 Jan 6. PMID: 34992263; PMCID: PMC8799468.
- 37: Szaro P, McGrath A, Ciszek B, Geijer M. Magnetic resonance imaging of the brachial plexus. Part 1: Anatomical considerations, magnetic resonance techniques, and non-traumatic lesions. *Eur J Radiol Open.* 2021 Dec 20;9:100392. doi: 10.1016/j.ejro.2021.100392. PMID: 34988263; PMCID: PMC8695258.
- 38: Chidiac C, Sundström N, Tullberg M, Arvidsson L, Olivecrona M. Waiting time for surgery influences the outcome in idiopathic normal pressure hydrocephalus - a population-based study. *Acta Neurochir (Wien).* 2022 Feb;164(2):469-478. doi: 10.1007/s00701-021-05085-7. Epub 2021 Dec 30. PMID: 34970701; PMCID: PMC8854261.
- 39: Rados M, Mouthaan B, Barsi P, Carmichael D, Heckemann RA, Kelemen A, Kobulashvili T, Kuchukhidze G, Marusic P, Minkin K, Tisdall M, Trinka E, Veersema T, Vos SB, Wagner J, Braun K, van Eijsden P. Diagnostic value of MRI in the presurgical evaluation of patients with epilepsy: influence of field strength and sequence selection: a systematic review and meta-analysis from the E-PILEPSY Consortium. *Epileptic Disord.* 2021 Dec 27. doi: 10.1684/epd.2021.1399. Epub ahead of print. PMID: 34961746.
- 40: Mengel D, Mok TH, Nihat A, Liu W, Rissman RA, Galasko D, Zetterberg H, Mead S, Collinge J, Walsh DM. NT1-Tau Is Increased in CSF and Plasma of CJD Patients, and Correlates with Disease Progression. *Cells.* 2021 Dec 13;10(12):3514. doi: 10.3390/cells10123514. PMID: 34944022; PMCID: PMC8700417.
- 41: Delaby C, Teunissen CE, Blennow K, Alcolea D, Arisi I, Amar EB, Beaume A, Bedel A, Bellomo G, Bigot-Corbel E, Bjerke M, Blanc-Quintin MC, Boada M, Bousiges O, Chapman MD, DeMarco ML, D'Onofrio M, Dumurgier J, Dufour-Rainfray D, Engelborghs S, Esselmann H, Fogli A, Gabelle A, Galloni E, Gondolf C, Grandhomme F, Grau-Rivera O, Hart M, Ikeuchi T, Jeromin A, Kasuga K, Keshavan A, Khalil M, Körtvelyessy P, Kulczynska-Przybyk A, Laplanche JL, Lewczuk P, Li QX, Lleó A, Malaplate C, Marquié M, Masters CL, Mroczko B, Nogueira L, Orellana A, Otto M, Oudart JB, Paquet C, Paoletti FP, Parnetti L, Perret-Liaudet A, Peoc'h K, Poesen K, Puig-Pijoan A, Quadrio I, Quillard-Muraine M, Rucheton B, Schraen S, Schott JM, Shaw LM, Suárez-Calvet M, Tsolaki M, Tumani H, Udeh-Momoh CT, Vaudran L, Verbeek MM, Verde F, Vermunt L, Vogelgsang J, Wiltfang J, Zetterberg H, Lehmann S.

Clinical reporting following the quantification of cerebrospinal fluid biomarkers in Alzheimer's disease: An international overview. *Alzheimers Dement*. 2021 Dec 22. doi: 10.1002/alz.12545. Epub ahead of print. PMID: 34936194.

42: Filioglo A, Simaan N, Honig A, Heldner MR, von Rennenberg R, Pezzini A, Padjen V, Rentzos A, Altersberger VL, Baumgartner P, Zini A, Grisendi I, Aladdin S, Gomori JM, Pilgram-Pastor SM, Scheitz JF, Magoni M, Berisavac I, Nordanstig A, Psychogios M, Luft A, Gentile M, Assenza F, Arnold M, Nolte CH, Gamba M, Ercegovic M, Jood K, Engelter ST, Wegener S, Forlivesi S, Zedde M, Gensicke H, Tatlisumak T, Cohen JE, Leker RR. Outcomes after reperfusion therapies in patients with ACA stroke: A multicenter cohort study from the EVATRISP collaboration. *J Neurol Sci*. 2022 Jan 15;432:120081. doi: 10.1016/j.jns.2021.120081. Epub 2021 Dec 11. PMID: 34920158.

43: Koivikko P, Posti JP, Mohammadian M, Lagerstedt L, Azurmendi L, Hossain I, Katila AJ, Menon D, Newcombe VFJ, Hutchinson PJ, Maanpää HR, Tallus J, Zetterberg H, Blennow K, Tenovuo O, Sanchez JC, Takala RSK. Potential of heart fatty-acid binding protein, neurofilament light, interleukin-10 and S100 calcium-binding protein B in the acute diagnostics and severity assessment of traumatic brain injury. *Emerg Med J*. 2022 Mar;39(3):206-212. doi: 10.1136/emered-2020-209471. Epub 2021 Dec 16. PMID: 34916280.

44: Jacob MA, Ekker MS, Allach Y, Cai M, Aarnio K, Arauz A, Arnold M, Bae HJ, Bandeo L, Barboza MA, Bolognese M, Bonardo P, Brouns R, Chuluun B, Chuluunbatar E, Cordonnier C, Dagvajantsan B, Dabette S, Don A, Enzinger C, Ekizoglu E, Fandler-Höfler S, Fazekas F, Fromm A, Gattringer T, Hora TF, Jern C, Jood K, Kim YS, Kittner S, Kleinig T, Klijn CJM, Körv J, Kumar V, Lee KJ, Lee TH, Maaijwee NAM, Martinez-Majander N, Marto JP, Mehndiratta MM, Mifsud V, Montanaro V, Pacio G, Patel VB, Phillips MC, Piechowski-Jozwiak B, Pikula A, Ruiz-Sandoval J, von Sarnowski B, Swartz RH, Tan KS, Tanne D, Tatlisumak T, Thijs V, Viana-Baptista M, Vibo R, Wu TY, Yesilot N, Waje-Andreassen U, Pezzini A, Putaala J, Tuladhar AM, de Leeuw FE. Global Differences in Risk Factors, Etiology, and Outcome of Ischemic Stroke in Young Adults-A Worldwide Meta-analysis: The GOAL Initiative. *Neurology*. 2022 Feb 8;98(6):e573-e588. doi: 10.1212/WNL.0000000000013195. Epub 2021 Dec 14. PMID: 34906974; PMCID: PMC8829964.

45: de Dios E, Ali MB, Gu IY, Vecchio TG, Ge C, Jakola AS. Introduction to Deep Learning in Clinical Neuroscience. *Acta Neurochir Suppl*. 2022;134:79-89. doi: 10.1007/978-3-030-85292-4_11. PMID: 34862531.

46: Frank B, Ally M, Brekke B, Zetterberg H, Blennow K, Sugarman MA, Ashton NJ, Karikari TK, Tripodis Y, Martin B, Palmisano JN, Steinberg EG, Simkina I, Turk KW, Budson AE, O'Connor MK, Au R, Goldstein LE, Jun GR, Kowall NW, Stein TD, McKee AC, Killiany R, Qiu WQ, Stern RA, Mez J, Alosco ML. Plasma p-tau₁₈₁ shows stronger network association to Alzheimer's disease dementia than neurofilament light and total tau. *Alzheimers Dement*. 2021 Dec 2. doi: 10.1002/alz.12508. Epub ahead of print. PMID: 34854549.

47: Lindgren E, Rentzos A, Hiltunen S, Serrano F, Heldner MR, Zuurbier SM, Silvis SM, Mansour M, Allingham W, Punter MNM, Giarola BF, Wells J, Sánchez van Kammen M, Piechowiak EI, Chiota-McCollum N, Garcia-Esperon C, Cognard C, Kleinig T, Ghiasian M, Coutinho JM, Arnold M, Arauz A, Putaala J, Jood K, Tatlisumak T; International CVT Consortium. Dural arteriovenous fistulas in cerebral venous thrombosis: Data from the International Cerebral Venous Thrombosis Consortium: Data from the International Cerebral Venous Thrombosis Consortium. *Eur J Neurol*. 2022 Mar;29(3):761-770. doi: 10.1111/ene.15192. Epub 2021 Dec 4. PMID: 34811840.

48: Rydja J, Kollén L, Hellström P, Owen K, Lundgren Nilsson Å, Wikkelsø C, Tullberg M, Lundin F. Physical exercise and goal attainment after shunt surgery in idiopathic normal pressure

hydrocephalus: a randomised clinical trial. *Fluids Barriers CNS*. 2021 Nov 22;18(1):51. doi: 10.1186/s12987-021-00287-8. PMID: 34809666; PMCID: PMC8607575.

49: Corell A, Cerbach C, Hoefling N, Björkman-Burtscher IM, Jakola AS. Spinal cord compression in relation to clinical symptoms in patients with spinal meningiomas. *Clin Neurol Neurosurg*. 2021 Dec;211:107018. doi: 10.1016/j.clineuro.2021.107018. Epub 2021 Nov 16. PMID: 34808478.

50: Fällmar D, Rostami E, Kumlien E, Ashton NJ, Jackmann S, Pavel R, Blennow K, Hultström M, Lipcsey M, Frithiof R, Westman G, Zetterberg H, Wikström J, Virhammar J. The extent of neuroradiological findings in COVID-19 shows correlation with blood biomarkers, Glasgow coma scale score and days in intensive care. *J Neuroradiol*. 2021 Nov 18:S0150-9861(21)00167-X. doi: 10.1016/j.neurad.2021.11.003. Epub ahead of print. PMID: 34800562; PMCID: PMC8599173.

51: Aaen J, Austevoll IM, Hellum C, Storheim K, Myklebust TÅ, Banitalebi H, Anvar M, Brox JI, Weber C, Solberg T, Grundnes O, Brisby H, Indrekvam K, Hermansen E. Clinical and MRI findings in lumbar spinal stenosis: baseline data from the NORDSTEN study. *Eur Spine J*. 2021 Nov 19. doi: 10.1007/s00586-021-07051-4. Epub ahead of print. PMID: 34797405.

52: Munkvold BKR, Solheim O, Bartek J Jr, Corell A, de Dios E, Gulati S, Helseth E, Holmgren K, Jensdottir M, Lundborg M, Mireles EEM, Mahesparan R, Tveiten ØV, Milos P, Redebrandt HN, Pedersen LK, Ramm-Pettersen J, Sjöberg RL, Sjögren B, Sjøvik K, Smits A, Tomasevic G, Vecchio TG, Vik-Mo EO, Zetterling M, Salvesen Ø, Jakola AS. Variations in the management of diffuse low-grade gliomas-A Scandinavian multicenter study. *Neurooncol Pract*. 2021 Sep 4;8(6):706-717. doi: 10.1093/nop/npab054. PMID: 34777840; PMCID: PMC8579093.

53: Gobom J, Parnetti L, Rosa-Neto P, Vyhnalek M, Gauthier S, Cataldi S, Lerch O, Laczo J, Cechova K, Clarin M, Benet AL, Pascoal TA, Rahmouni N, Vandijck M, Huyck E, Le Bastard N, Stevenson J, Chamoun M, Alcolea D, Lleó A, Andreasson U, Verbeek MM, Bellomo G, Rinaldi R, Ashton NJ, Zetterberg H, Sheardova K, Hort J, Blennow K. Validation of the LUMIPULSE automated immunoassay for the measurement of core AD biomarkers in cerebrospinal fluid. *Clin Chem Lab Med*. 2021 Nov 15;60(2):207-219. doi: 10.1515/cclm-2021-0651. PMID: 34773730.

54: Katsanos AH, Malhotra K, Ahmed N, Seitidis G, Mistry EA, Mavridis D, Kim JT, Veroniki AA, Maier I, Matusevicius M, Khatrri P, Anadani M, Goyal N, Arthur AS, Sarraj A, Yaghi S, Shoamanesh A, Catanese L, Kantzanou M, Psaltopoulou T, Rentzos A, Psychogios M, Van Adel B, Spiotta AM, Sandset EC, de Havenon A, Alexandrov AV, Petersen NH, Tsivgoulis G. Blood Pressure After Endovascular Thrombectomy and Outcomes in Patients With Acute Ischemic Stroke: An Individual Patient Data Meta-analysis. *Neurology*. 2022 Jan 18;98(3):e291-e301. doi: 10.1212/WNL.0000000000013049. Epub 2021 Nov 12. PMID: 34772799.

55: Werlenius K, Stragliotto G, Strandeus M, Blomstrand M, Carén H, Jakola AS, Rydenhag B, Dyregaard D, Dzhandzhugazyan KN, Kirkin AF, Raida MK, Smits A, Kinhult S. A randomized phase II trial of efficacy and safety of the immunotherapy ALECSAT as an adjunct to radiotherapy and temozolomide for newly diagnosed glioblastoma. *Neurooncol Adv*. 2021 Oct 22;3(1):vdab156. doi: 10.1093/noajnl/vdab156. PMID: 34765977; PMCID: PMC8577524.

56: Lantero-Rodriguez J, Snellman A, Benedet AL, Milà-Alomà M, Camporesi E, Montoliu-Gaya L, Ashton NJ, Vrillon A, Karikari TK, Gispert JD, Salvadó G, Shekari M, Toomey CE, Lashley TL, Zetterberg H, Suárez-Calvet M, Brinkmalm G, Rosa Neto P, Blennow K. P-tau235: a novel biomarker for staging preclinical Alzheimer's disease. *EMBO Mol Med*. 2021 Dec 7;13(12):e15098. doi: 10.15252/emmm.202115098. Epub 2021 Nov 2. PMID: 34725927; PMCID: PMC8649868.

57: Carrwik C, Olerud C, Robinson Y. Survival after surgery for spinal metastatic disease: a nationwide multiregistry cohort study. *BMJ Open*. 2021 Nov 1;11(11):e049198. doi: 10.1136/bmjopen-2021-049198. PMID: 34725074; PMCID: PMC8562515.

58: Petersson M, Berinder K, Eden Engström B, Tsatsaris E, Ekman B, Wahlberg J, Burman P, Borg H, Siesjö P, Dahlqvist P, Åkerman AK, Ragnarsson O, Olsson M, Förander P, Bensing S, Höybye C. Natural history and surgical outcome of Rathke's cleft cysts-A study from the Swedish Pituitary Registry. *Clin Endocrinol (Oxf)*. 2022 Jan;96(1):54-61. doi: 10.1111/cen.14622. Epub 2021 Nov 1. PMID: 34724249.

59: Dams-O'Connor K, Bellgowan PSF, Corriveau R, Pugh MJ, Smith DH, Schneider JA, Whitaker K, Zetterberg H. Alzheimer's Disease-Related Dementias Summit 2019: National Research Priorities for the Investigation of Traumatic Brain Injury as a Risk Factor for Alzheimer's Disease and Related Dementias. *J Neurotrauma*. 2021 Dec;38(23):3186-3194. doi: 10.1089/neu.2021.0216. PMID: 34714152; PMCID: PMC8820282.

60: Cross C, Khonsari RH, Larysz D, Johnson D, Kölby L, Moazen M. Predicting and comparing three corrective techniques for sagittal craniosynostosis. *Sci Rep*. 2021 Oct 27;11(1):21216. doi: 10.1038/s41598-021-00642-7. PMID: 34707183; PMCID: PMC8551239.

61: Hosainey SAM, Bouget D, Reinertsen I, Sagberg LM, Torp SH, Jakola AS, Solheim O. Are there predilection sites for intracranial meningioma? A population-based atlas. *Neurosurg Rev*. 2022 Apr;45(2):1543-1552. doi: 10.1007/s10143-021-01652-9. Epub 2021 Oct 21. PMID: 34674099; PMCID: PMC8976805.

62: Benedet AL, Milà-Alomà M, Vrillon A, Ashton NJ, Pascoal TA, Lussier F, Karikari TK, Hourregue C, Cognat E, Dumurgier J, Stevenson J, Rahmouni N, Pallen V, Poltronetti NM, Salvadó G, Shekari M, Operto G, Gispert JD, Minguillon C, Fauria K, Kollmorgen G, Suridjan I, Zimmer ER, Zetterberg H, Molinuevo JL, Paquet C, Rosa-Neto P, Blennow K, Suárez-Calvet M; Translational Biomarkers in Aging and Dementia (TRIAD) study, Alzheimer's and Families (ALFA) study, and BioCogBank Paris Lariboisière cohort. Differences Between Plasma and Cerebrospinal Fluid Glial Fibrillary Acidic Protein Levels Across the Alzheimer Disease Continuum. *JAMA Neurol*. 2021 Dec 1;78(12):1471-1483. doi: 10.1001/jamaneurol.2021.3671. PMID: 34661615; PMCID: PMC8524356.

63: Pascoal TA, Benedet AL, Ashton NJ, Kang MS, Therriault J, Chamoun M, Savard M, Lussier FZ, Tissot C, Karikari TK, Ottoy J, Mathotaarachchi S, Stevenson J, Massarweh G, Schöll M, de Leon MJ, Soucy JP, Edison P, Blennow K, Zetterberg H, Gauthier S, Rosa-Neto P. Publisher Correction: Microglial activation and tau propagate jointly across Braak stages. *Nat Med*. 2021 Nov;27(11):2048-2049. doi: 10.1038/s41591-021-01568-3. Erratum for: *Nat Med*. 2021 Sep;27(9):1592-1599. PMID: 34654920.

64: Ranson JM, Rittman T, Hayat S, Brayne C, Jessen F, Blennow K, van Duijn C, Barkhof F, Tang E, Mummery CJ, Stephan BCM, Altomare D, Frisoni GB, Ribaldi F, Molinuevo JL, Scheltens P, Llewellyn DJ; European Task Force for Brain Health Services. Modifiable risk factors for dementia and dementia risk profiling. A user manual for Brain Health Services-part 2 of 6. *Alzheimers Res Ther*. 2021 Oct 11;13(1):169. doi: 10.1186/s13195-021-00895-4. PMID: 34635138; PMCID: PMC8507172.

65: Krýsl D, Nilsson J, Rydenhag B, Edelvik Tranberg A, Hallböök T, Bjellvi J, Malmgren K, Nilsson D. Stereo-EEG – en effektiv metod för att utreda svårbehandlad epilepsi [Stereo-electroencephalography - a safe and effective procedure for epilepsy surgery evaluation]. *Lakartidningen*. 2021 Oct 7;118:21106. Swedish. PMID: 34633059.

66: Gómez Vecchio T, Neimantaite A, Corell A, Bartek J Jr, Jensdottir M, Reinertsen I, Solheim O, Jakola AS. Lower-Grade Gliomas: An Epidemiological Voxel-Based Analysis of Location and Proximity to

Eloquent Regions. *Front Oncol.* 2021 Sep 21;11:748229. doi: 10.3389/fonc.2021.748229. PMID: 34621684; PMCID: PMC8490663.

67: Graham NSN, Zimmerman KA, Moro F, Heslegrave A, Maillard SA, Bernini A, Miroz JP, Donat CK, Lopez MY, Bourke N, Jolly AE, Mallas EJ, Soreq E, Wilson MH, Fatania G, Roi D, Patel MC, Garbero E, Nattino G, Baciuc C, Fainardi E, Chiericato A, Gradisek P, Magnoni S, Oddo M, Zetterberg H, Bertolini G, Sharp DJ. Axonal marker neurofilament light predicts long-term outcomes and progressive neurodegeneration after traumatic brain injury. *Sci Transl Med.* 2021 Sep 29;13(613):eabg9922. doi: 10.1126/scitranslmed.abg9922. Epub 2021 Sep 29. PMID: 34586833.

68: Sánchez van Kammen M, Aguiar de Sousa D, Poli S, Cordonnier C, Heldner MR, van de Munckhof A, Krzywicka K, van Haaps T, Ciccone A, Middeldorp S, Levi MM, Kremer Hovinga JA, Silvis S, Hiltunen S, Mansour M, Arauz A, Barboza MA, Field TS, Tsivgoulis G, Nagel S, Lindgren E, Tatlisumak T, Jood K, Putaala J, Ferro JM, Arnold M, Coutinho JM; Cerebral Venous Sinus Thrombosis With Thrombocytopenia Syndrome Study Group, Sharma AR, Elkady A, Negro A, Günther A, Gutschalk A, Schönenberger S, Buture A, Murphy S, Paiva Nunes A, Tiede A, Puthuppallil Philip A, Mengel A, Medina A, Hellström Vogel Å, Tawa A, Aujayeb A, Casolla B, Buck B, Zanferrari C, Garcia-Esperon C, Vayne C, Legault C, Pfrepper C, Tracol C, Soriano C, Guisado-Alonso D, Bougon D, Zimatore DS, Michalski D, Blacquiére D, Johansson E, Cuadrado-Godia E, De Maistre E, Carrera E, Vuillier F, Bonneville F, Giammello F, Bode FJ, Zimmerman J, d'Onofrio F, Grillo F, Cotton F, Caparros F, Puy L, Maier F, Gulli G, Frisullo G, Polkinghorne G, Franchineau G, Cangür H, Katzberg H, Sibon I, Baharoglu I, Brar J, Payen JF, Burrow J, Fernandes J, Schouten J, Althaus K, Garambois K, Derex L, Humbertjean L, Lebrato Hernandez L, Kellermair L, Morin Martin M, Petruzzellis M, Cotelli M, Dubois MC, Carvalho M, Wittstock M, Miranda M, Skjelland M, Bandettini di Poggio M, Scholz MJ, Raposo N, Kahn R, Kruyt N, Huet O, Sharma P, Candelaesi P, Reiner P, Vieira R, Acampora R, Kern R, Leker R, Coutts S, Bal S, Sharma SS, Susen S, Cox T, Geeraerts T, Gattlinger T, Bartsch T, Kleinig TJ, Dizonno V, Arslan Y. Characteristics and Outcomes of Patients With Cerebral Venous Sinus Thrombosis in SARS-CoV-2 Vaccine-Induced Immune Thrombotic Thrombocytopenia. *JAMA Neurol.* 2021 Nov 1;78(11):1314-1323. doi: 10.1001/jamaneurol.2021.3619. PMID: 34581763; PMCID: PMC8479648.

69: Hong S, Giese AK, Schirmer MD, Bonkhoff AK, Bretzner M, Rist P, Dalca AV, Regenhardt RW, Etherton MR, Donahue KL, Nardin M, Mocking SJT, McIntosh EC, Attia J, Benavente OR, Cole JW, Donatti A, Griessenauer CJ, Heitsch L, Holmegaard L, Jood K, Jimenez-Conde J, Roquer J, Kittner SJ, Lemmens R, Levi CR, McDonough CW, Meschia JF, Phuah CL, Rolfs A, Ropele S, Rosand J, Rundek T, Sacco RL, Schmidt R, Enzinger C, Sharma P, Slowik A, Sousa A, Stanne TM, Strbian D, Tatlisumak T, Thijs V, Vagal A, Wasselius J, Woo D, Zand R, McArdle PF, Worrall BB, Wu O, Jern C, Lindgren AG, Maguire J, Tomppo L, Golland P, Rost NS; MRI- GENIE and GISCOME Investigators and the International Stroke Genetics Consortium. Excessive White Matter Hyperintensity Increases Susceptibility to Poor Functional Outcomes After Acute Ischemic Stroke. *Front Neurol.* 2021 Sep 10;12:700616. doi: 10.3389/fneur.2021.700616. PMID: 34566844; PMCID: PMC8461233.

70: Van Looveren E, Bilterys T, Munneke W, Cagnie B, Ickmans K, Mairesse O, Malfliet A, De Baets L, Nijs J, Goubert D, Danneels L, Moens M, Meeus M. The Association between Sleep and Chronic Spinal Pain: A Systematic Review from the Last Decade. *J Clin Med.* 2021 Aug 26;10(17):3836. doi: 10.3390/jcm10173836. PMID: 34501283; PMCID: PMC8432009.

71: Ken-Dror G, Cotlarciuc I, Martinelli I, Grandone E, Hiltunen S, Lindgren E, Margaglione M, Duchez VLC, Triquenot AB, Zedde M, Mancuso M, Ruigrok YM, Marjot T, Worrall B, Majersik JJ, Metso TM, Putaala J, Haapaniemi E, Zuurbier SM, Brouwer MC, Passamonti SM, Abbattista M, Bucciarelli P, Mitchell BD, Kittner SJ, Lemmens R, Jern C, Pappalardo E, Costa P, Colombi M, de Sousa DA, Rodrigues S, Canhão P, Tkach A, Santacroce R, Favuzzi G, Arauz A, Colaizzo D, Spengos K, Hodge A, Ditta R, Pezzini A, Debette S, Coutinho JM, Thijs V, Jood K, Pare G, Tatlisumak T, Ferro JM, Sharma P. Genome-

Wide Association Study Identifies First Locus Associated with Susceptibility to Cerebral Venous Thrombosis. *Ann Neurol.* 2021 Nov;90(5):777-788. doi: 10.1002/ana.26205. Epub 2021 Sep 29. PMID: 34459509; PMCID: PMC8666091.

72: Pascoal TA, Benedet AL, Ashton NJ, Kang MS, Therriault J, Chamoun M, Savard M, Lussier FZ, Tissot C, Karikari TK, Ottoy J, Mathotaarachchi S, Stevenson J, Massarweh G, Schöll M, de Leon MJ, Soucy JP, Edison P, Blennow K, Zetterberg H, Gauthier S, Rosa-Neto P. Microglial activation and tau propagate jointly across Braak stages. *Nat Med.* 2021 Sep;27(9):1592-1599. doi: 10.1038/s41591-021-01456-w. Epub 2021 Aug 26. Erratum in: *Nat Med.* 2021 Nov;27(11):2048-2049. PMID: 34446931.

73: Tobieson L, Zetterberg H, Blennow K, Marklund N. Extracellular fluid, cerebrospinal fluid and plasma biomarkers of axonal and neuronal injury following intracerebral hemorrhage. *Sci Rep.* 2021 Aug 20;11(1):16950. doi: 10.1038/s41598-021-96364-x. PMID: 34417515; PMCID: PMC8379247.

74: Davies JL, Gelb AW, Gore-Booth J, Martin J, Mellin-Olsen J, Åkerman C, Ameh EA, Biccard BM, Braut GS, Chu KM, Derbew M, Ersdal HL, Guzman JM, Hagander L, Haylock-Loor C, Holmer H, Johnson W, Juran S, Kassebaum NJ, Laerdal T, Leather AJM, Lipnick MS, Ljungman D, Makasa EM, Meara JG, Newton MW, Østergaard D, Reynolds T, Romanzi LJ, Santhirapala V, Shrimel MG, Søreide K, Steinholt M, Suzuki E, Varallo JE, Visser GHA, Watters D, Weiser TG. Global surgery, obstetric, and anaesthesia indicator definitions and reporting: An Utstein consensus report. *PLoS Med.* 2021 Aug 20;18(8):e1003749. doi: 10.1371/journal.pmed.1003749. PMID: 34415914; PMCID: PMC8415575.

75: Sarudis S, Karlsson A, Bäck A. Surface guided frameless positioning for lung stereotactic body radiation therapy. *J Appl Clin Med Phys.* 2021 Sep;22(9):215-226. doi: 10.1002/acm2.13370. Epub 2021 Aug 18. PMID: 34406710; PMCID: PMC8425933.

76: Bjellvi J, Cross JH, Gogou M, Leclercq M, Rheims S, Ryvlin P, Sperling MR, Rydenhag B, Malmgren K. Classification of complications of epilepsy surgery and invasive diagnostic procedures: A proposed protocol and feasibility study. *Epilepsia.* 2021 Nov;62(11):2685-2696. doi: 10.1111/epi.17040. Epub 2021 Aug 18. PMID: 34405890.

77: Benjamin LA, Paterson RW, Moll R, Pericleous C, Brown R, Mehta PR, Athauda D, Ziff OJ, Heaney J, Checkley AM, Houlihan CF, Chou M, Heslegrave AJ, Chandratheva A, Michael BD, Blennow K, Vivekanandam V, Foulkes A, Mummery CJ, Lunn MP, Keddle S, Spyer MJ, Mckinnon T, Hart M, Carletti F, Jäger HR, Manji H, Zandi MS, Werring DJ, Nastouli E, Simister R, Solomon T, Zetterberg H, Schott JM, Cohen H, Efthymiou M; UCLH Queen Square COVID-19 Biomarker Study group. Antiphospholipid antibodies and neurological manifestations in acute COVID-19: A single-centre cross-sectional study. *EClinicalMedicine.* 2021 Sep;39:101070. doi: 10.1016/j.eclim.2021.101070. Epub 2021 Aug 12. PMID: 34401683; PMCID: PMC8358233.

78: Paterson RW, Benjamin LA, Mehta PR, Brown RL, Athauda D, Ashton NJ, Leckey CA, Ziff OJ, Heaney J, Heslegrave AJ, Benedet AL, Blennow K, Checkley AM, Houlihan CF, Mummery CJ, Lunn MP, Manji H, Zandi MS, Keddle S, Chou M, Vinayan Changanadil D, Solomon T, Keshavan A, Barker S, Jäger HR, Carletti F, Simister R, Werring DJ, Spyer MJ, Nastouli E, Gauthier S, Rosa-Neto P; UCLH Queen Square COVID-19 Biomarker Study Group, Zetterberg H, Schott JM. Serum and cerebrospinal fluid biomarker profiles in acute SARS-CoV-2-associated neurological syndromes. *Brain Commun.* 2021 May 12;3(3):fcab099. doi: 10.1093/braincomms/fcab099. PMID: 34396099; PMCID: PMC8194666.

79: Sagberg LM, Jakola AS, Reinertsen I, Solheim O. How well do neurosurgeons predict survival in patients with high-grade glioma? *Neurosurg Rev.* 2022 Feb;45(1):865-872. doi: 10.1007/s10143-021-01613-2. Epub 2021 Aug 12. PMID: 34382108; PMCID: PMC8827174.

- 80: Nordanstig A, Curtze S, Gensicke H, Zinkstok SM, Erdur H, Karlsson C, Karlsson JE, Martinez-Majander N, Sibolt G, Lyrer P, Traenka C, Baharoglu MI, Scheitz JF, Bricout N, Hénon H, Leys D, Eskandari A, Michel P, Hametner C, Ringleb PA, Arnold M, Fischer U, Sarikaya H, Seiffge DJ, Pezzini A, Zini A, Padjen V, Jovanovic DR, Luft A, Wegener S, Kellert L, Feil K, Kägi G, Rentzos A, Lappalainen K, Leker RR, Cohen JE, Gomori J, Brehm A, Liman J, Psychogios M, Kastrup A, Papanagiotou P, Gralla J, Magoni M, Majoie CBLM, Bohner G, Vukasinovic I, Cvetic V, Weber J, Kulcsar Z, Bendszus M, Möhlenbruch M, Ntaios G, Kapsalaki E, Jood K, Nolte CH, Nederkoorn PJJ, Engelter S, Strbian D, Tatlisumak T; EVA-TRISP Investigators. EndoVascular treatment and Thrombolysis for Ischemic Stroke Patients (EVA-TRISP) registry: basis and methodology of a pan-European prospective ischaemic stroke revascularisation treatment registry. *BMJ Open*. 2021 Aug 9;11(8):e042211. doi: 10.1136/bmjopen-2020-042211. PMID: 34373287; PMCID: PMC8354282.
- 81: Samuelsson J, Sunila M, Rentzos A, Nilsson D. Intra-arterial nimodipine for severe cerebral vasospasm after aneurysmal subarachnoid haemorrhage - neurological and radiological outcome. *Neuroradiol J*. 2022 Apr;35(2):213-219. doi: 10.1177/19714009211036695. Epub 2021 Aug 5. PMID: 34350797; PMCID: PMC8958555.
- 82: Austevoll IM, Hermansen E, Fagerland MW, Storheim K, Brox JJ, Solberg T, Rekeland F, Franssen E, Weber C, Brisby H, Grundnes O, Algaard KRH, Böker T, Banitalebi H, Indrekvam K, Hellum C; NORDSTEN-DS Investigators. Decompression with or without Fusion in Degenerative Lumbar Spondylolisthesis. *N Engl J Med*. 2021 Aug 5;385(6):526-538. doi: 10.1056/NEJMoa2100990. PMID: 34347953.
- 83: Zolfaghari S, Bartek J Jr, Strom I, Djärf F, Wong SS, Ståhl N, Jakola AS, Nittby Redebbrandt H. Burr hole craniostomy versus minicraniotomy in chronic subdural hematoma: a comparative cohort study. *Acta Neurochir (Wien)*. 2021 Nov;163(11):3217-3223. doi: 10.1007/s00701-021-04902-3. Epub 2021 Jul 30. PMID: 34328561; PMCID: PMC8520513.
- 84: Bretzner M, Bonkhoff AK, Schirmer MD, Hong S, Dalca AV, Donahue KL, Giese AK, Etherton MR, Rist PM, Nardin M, Marinescu R, Wang C, Regenhardt RW, Leclerc X, Lopes R, Benavente OR, Cole JW, Donatti A, Griessenauer CJ, Heitsch L, Holmegaard L, Jood K, Jimenez-Conde J, Kittner SJ, Lemmens R, Levi CR, McArdle PF, McDonough CW, Meschia JF, Phuach CL, Rolfs A, Ropele S, Rosand J, Roquer J, Rundek T, Sacco RL, Schmidt R, Sharma P, Slowik A, Sousa A, Stanne TM, Strbian D, Tatlisumak T, Thijs V, Vagal A, Wasselius J, Woo D, Wu O, Zand R, Worrall BB, Maguire JM, Lindgren A, Jern C, Golland P, Kuchcinski G, Rost NS. MRI Radiomic Signature of White Matter Hyperintensities Is Associated With Clinical Phenotypes. *Front Neurosci*. 2021 Jul 12;15:691244. doi: 10.3389/fnins.2021.691244. PMID: 34321995; PMCID: PMC8312571.
- 85: Boguszewski MCS, Cardoso-Demartini AA, Boguszewski CL, Chemaitilly W, Higham CE, Johannsson G, Yuen KCJ. Safety of growth hormone (GH) treatment in GH deficient children and adults treated for cancer and non-malignant intracranial tumors-a review of research and clinical practice. *Pituitary*. 2021 Oct;24(5):810-827. doi: 10.1007/s11102-021-01173-0. Epub 2021 Jul 25. PMID: 34304361; PMCID: PMC8416866.
- 86: Banerjee G, Forsgard N, Ambler G, Keshavan A, Paterson RW, Foiani MS, Toombs J, Heslegrave A, Thompson EJ, Lunn MP, Fox NC, Zetterberg H, Schott JM, Werring DJ. Cerebrospinal fluid metallomics in cerebral amyloid angiopathy: an exploratory analysis. *J Neurol*. 2022 Mar;269(3):1470-1475. doi: 10.1007/s00415-021-10711-6. Epub 2021 Jul 22. PMID: 34292397; PMCID: PMC8857160.
- 87: Khaki D, Hietanen V, Corell A, Hergès HO, Ljungqvist J. Selection of CT variables and prognostic models for outcome prediction in patients with traumatic brain injury. *Scand J Trauma Resusc Emerg Med*. 2021 Jul 17;29(1):94. doi: 10.1186/s13049-021-00901-6. PMID: 34274009; PMCID: PMC8285829.

88: van Santen SS, Wolf P, Kremenevski N, Boguszewski CL, Beiglböck H, Fiocco M, Wijnen M, Wallenius VR, van den Heuvel-Eibrink MM, van der Lely AJ, Johannsson G, Luger A, Krebs M, Buchfelder M, Delhanty PJD, Neggers SJCM, Olsson DS. Bariatric Surgery for Hypothalamic Obesity in Craniopharyngioma Patients: A Retrospective, Matched Case-Control Study. *J Clin Endocrinol Metab*. 2021 Oct 21;106(11):e4734-e4745. doi: 10.1210/clinem/dgab518. PMID: 34265053; PMCID: PMC8530717.

89: Fischer S, Maltese G, Tarnow P, Wikberg E, Søfteland MB, Kölby L. Comparisons of Intracranial Volume and Cephalic Index After Correction of Sagittal Craniosynostosis With Either Two or Three Springs. *J Craniofac Surg*. 2021 Nov-Dec 01;32(8):2636-2640. doi: 10.1097/SCS.00000000000007870. PMID: 34238871.

90: van Hooren L, Vaccaro A, Ramachandran M, Vazaios K, Libard S, van de Walle T, Georganaki M, Huang H, Pietilä I, Lau J, Ulvmar MH, Karlsson MCI, Zetterling M, Mangsbo SM, Jakola AS, Olsson Bontell T, Smits A, Essand M, Dimberg A. Agonistic CD40 therapy induces tertiary lymphoid structures but impairs responses to checkpoint blockade in glioma. *Nat Commun*. 2021 Jul 5;12(1):4127. doi: 10.1038/s41467-021-24347-7. PMID: 34226552; PMCID: PMC8257767.

91: Therriault J, Benedet AL, Pascoal TA, Lussier FZ, Tissot C, Karikari TK, Ashton NJ, Chamoun M, Bezgin G, Mathotaarachchi S, Gauthier S, Saha-Chaudhuri P, Zetterberg H, Blennow K, Rosa-Neto P; Alzheimer's Disease Neuroimaging Initiative. Association of plasma P-tau181 with memory decline in non-demented adults. *Brain Commun*. 2021 Jun 14;3(3):fcab136. doi: 10.1093/braincomms/fcab136. PMID: 34222875; PMCID: PMC8249102.

92: Sánchez van Kammen M, Heldner MR, Brodard J, Scutelnic A, Silvis S, Schroeder V, Kremer Hovinga JA, Middeldorp S, Levi M, Hiltunen S, Lindgren E, Mansour M, Arauz A, Barboza MA, Zuurbier SM, Aguiar de Sousa D, Ferro JM, Fischer U, Field TS, Jood K, Tatlisumak T, Putaala J, Arnold M, Coutinho JM. Frequency of Thrombocytopenia and Platelet Factor 4/Heparin Antibodies in Patients With Cerebral Venous Sinus Thrombosis Prior to the COVID-19 Pandemic. *JAMA*. 2021 Jul 27;326(4):332-338. doi: 10.1001/jama.2021.9889. PMID: 34213527; PMCID: PMC8317004.

93: Jónsson GG, Marklund N, Blennow K, Zetterberg H, Wanhainen A, Lindström D, Eriksson J, Mani K. Dynamics of Selected Biomarkers in Cerebrospinal Fluid During Complex Endovascular Aortic Repair - A Pilot Study. *Ann Vasc Surg*. 2022 Jan;78:141-151. doi: 10.1016/j.avsg.2021.04.034. Epub 2021 Jun 24. PMID: 34175417.

94: Kameda-Smith M, Pai A, Jung Y, Khan D, Adile AA, Hui K, Martyniuk A, Larrazabal R, Algird A, Klurfan P, Gunnarsson T, Farrokhyar F, van Adel B. Third Nerve Palsy Due to Intracranial Aneurysms and Recovery after Endovascular Coiling. *Can J Neurol Sci*. 2021 Jun 24:1-9. doi: 10.1017/cjn.2021.145. Epub ahead of print. PMID: 34167603.

95: Wennberg P, Hillberg Hörnfeldt T, Stål S, Herlitz J, Björås J, Larsson G. Fascia iliaca compartment block (FICB) as pain treatment in older persons with suspected hip fractures in prehospital emergency care - A comparative pilot study. *Int Emerg Nurs*. 2021 Jul;57:101012. doi: 10.1016/j.ienj.2021.101012. Epub 2021 Jun 19. PMID: 34157586.

96: Needham EJ, Stoevesandt O, Thelin EP, Zetterberg H, Zanier ER, Al Nimer F, Ashton NJ, Outtrim JG, Newcombe VFJ, Mousa HS, Simrén J, Blennow K, Yang Z, Hutchinson PJ, Piehl F, Helmy AE, Taussig MJ, Wang KKW, Jones JL, Menon DK, Coles AJ. Complex Autoantibody Responses Occur following Moderate to Severe Traumatic Brain Injury. *J Immunol*. 2021 Jul 1;207(1):90-100. doi: 10.4049/jimmunol.2001309. Epub 2021 Jun 18. PMID: 34145056.

- 97: Hallén T, Olsson DS, Hammarstrand C, Farahmand D, Olofsson AC, Jakobsson Ung E, Jakobsson S, Bergquist H, Blennow K, Zetterberg H, Johannsson G, Skoglund T. Circulating brain injury biomarkers increase after endoscopic surgery for pituitary tumors. *J Clin Neurosci*. 2021 Jul;89:113-121. doi: 10.1016/j.jocn.2021.04.030. Epub 2021 May 12. PMID: 34119253.
- 98: Solorzano L, Wik L, Olsson Bontell T, Wang Y, Klemm AH, Öfverstedt J, Jakola AS, Östman A, Wählby C. Machine learning for cell classification and neighborhood analysis in glioma tissue. *Cytometry A*. 2021 Dec;99(12):1176-1186. doi: 10.1002/cyto.a.24467. Epub 2021 Jun 22. PMID: 34089228.
- 99: Bonkhoff AK, Schirmer MD, Bretzner M, Hong S, Regenhardt RW, Brudfors M, Donahue KL, Nardin MJ, Dalca AV, Giese AK, Etherton MR, Hancock BL, Mocking SJT, McIntosh EC, Attia J, Benavente OR, Bevan S, Cole JW, Donatti A, Griessenauer CJ, Heitsch L, Holmegaard L, Jood K, Jimenez-Conde J, Kittner SJ, Lemmens R, Levi CR, McDonough CW, Meschia JF, Phuah CL, Rolfs A, Ropele S, Rosand J, Roquer J, Rundek T, Sacco RL, Schmidt R, Sharma P, Slowik A, Söderholm M, Sousa A, Stanne TM, Strbian D, Tatlisumak T, Thijs V, Vagal A, Wasselius J, Woo D, Zand R, McArdle PF, Worrall BB, Jern C, Lindgren AG, Maguire J, Bzdok D, Wu O; MRI- GENIE and GISCOME Investigators and the International Stroke Genetics Consortium, Rost NS. Outcome after acute ischemic stroke is linked to sex- specific lesion patterns. *Nat Commun*. 2021 Jun 2;12(1):3289. doi: 10.1038/s41467-021-23492-3. PMID: 34078897; PMCID: PMC8172535.
- 100: Sexton CE, Anstey KJ, Baldacci F, Barnum CJ, Barron AM, Blennow K, Brodaty H, Burnham S, Elahi FM, Götz J, Jeon YH, Koronyo-Hamaoui M, Landau SM, Lautenschlager NT, Laws SM, Lipnicki DM, Lu H, Masters CL, Moyle W, Nakamura A, Pasinetti GM, Rao N, Rowe C, Sachdev PS, Schofield PR, Sigurdsson EM, Smith K, Srikanth V, Szoek C, Tansey MG, Whitmer R, Wilcock D, Wong TY, Bain LJ, Carrillo MC. Alzheimer's disease research progress in Australia: The Alzheimer's Association International Conference Satellite Symposium in Sydney. *Alzheimers Dement*. 2022 Jan;18(1):178-190. doi: 10.1002/alz.12380. Epub 2021 May 31. PMID: 34058063.
- 101: Brennan FH, Coulthard LG, Alawieh AM, Reiner O, Pekna M. Editorial: Complement in the Development and Regeneration of the Nervous System. *Front Immunol*. 2021 May 10;12:694810. doi: 10.3389/fimmu.2021.694810. PMID: 34040618; PMCID: PMC8141916.
- 102: Farahmand D, Stridh J, Ziegelitz D, Tisell M. Endoscopic versus open microsurgery for colloid cysts of the third ventricle. *Br J Neurosurg*. 2021 May 26;1-4. doi: 10.1080/02688697.2021.1925872. Epub ahead of print. PMID: 34034576.
- 103: Minta K, Jeppsson A, Brinkmalm G, Portelius E, Zetterberg H, Blennow K, Tullberg M, Andreasson U. Lumbar and ventricular CSF concentrations of extracellular matrix proteins before and after shunt surgery in idiopathic normal pressure hydrocephalus. *Fluids Barriers CNS*. 2021 May 13;18(1):23. doi: 10.1186/s12987-021-00256-1. PMID: 33985551; PMCID: PMC8120927.
- 104: Clarke GJB, Skandsen T, Zetterberg H, Einarsen CE, Feyling C, Follestad T, Vik A, Blennow K, Håberg AK. One-Year Prospective Study of Plasma Biomarkers From CNS in Patients With Mild Traumatic Brain Injury. *Front Neurol*. 2021 Apr 21;12:643743. doi: 10.3389/fneur.2021.643743. PMID: 33967940; PMCID: PMC8097004.
- 105: Thurin E, Förander P, Bartek J Jr, Gulati S, Rydén I, Smits A, Hesselager G, Salvesen Ø, Jakola AS. Depression and ability to work after vestibular schwannoma surgery: a nationwide registry-based matched cohort study on antidepressants, sedatives, and sick leave. *Acta Neurochir (Wien)*. 2021 Aug;163(8):2225-2235. doi: 10.1007/s00701-021-04862-8. Epub 2021 May 7. PMID: 33963435; PMCID: PMC8270857.

106: Majewska P, Sagberg LM, Reinertsen I, Gulati S, Jakola AS, Solheim O. What is the current clinico-radiological diagnostic accuracy for intracranial tumours? *Acta Neurol Scand.* 2021 Aug;144(2):142-148. doi: 10.1111/ane.13430. Epub 2021 May 7. PMID: 33960409.

107: Lussier FZ, Benedet AL, Therriault J, Pascoal TA, Tissot C, Chamoun M, Mathotaarachchi S, Savard M, Ashton NJ, Karikari TK, Rodriguez JL, Snellman A, Bezgin G, Kang MS, Fernandez Arias J, Wang YT, Gauthier S, Zetterberg H, Blennow K, Rosa-Neto P; Alzheimer's Disease Neuroimaging Initiative. Plasma levels of phosphorylated tau 181 are associated with cerebral metabolic dysfunction in cognitively impaired and amyloid-positive individuals. *Brain Commun.* 2021 Apr 15;3(2):fcab073. doi: 10.1093/braincomms/fcab073. PMID: 33959711; PMCID: PMC8088291.

108: Durno C, Ercan AB, Bianchi V, Edwards M, Aronson M, Galati M, Atenafu EG, Abebe-Campino G, Al-Battashi A, Alharbi M, Azad VF, Baris HN, Basel D, Bedgood R, Bendel A, Ben-Shachar S, Blumenthal DT, Blundell M, Bornhorst M, Bronsema A, Cairney E, Rhode S, Caspi S, Chamdin A, Chiaravalli S, Constantini S, Crooks B, Das A, Dvir R, Farah R, Foulkes WD, Frenkel Z, Gallinger B, Gardner S, Gass D, Ghalibafian M, Gilpin C, Goldberg Y, Goudie C, Hamid SA, Hampel H, Hansford JR, Harlos C, Hijiya N, Hsu S, Kamihara J, Kebudi R, Knipstein J, Koschmann C, Kratz C, Larouche V, Lassaletta A, Lindhorst S, Ling SC, Link MP, Loret De Mola R, Luiten R, Lurye M, Maciaszek JL, Magimairajanlssai V, Maher OM, Massimino M, McGee RB, Mushtaq N, Mason G, Newmark M, Nicholas G, Nichols KE, Nicolaides T, Opocher E, Osborn M, Oshrine B, Pearlman R, Pettee D, Rapp J, Rashid M, Reddy A, Reichman L, Remke M, Robbins G, Roy S, Sabel M, Samuel D, Scheers I, Schneider KW, Sen S, Stearns D, Sumerauer D, Swallow C, Taylor L, Thomas G, Toledano H, Tomboc P, Van Damme A, Winer I, Yalon M, Yen LY, Zapotocky M, Zelcer S, Ziegler DS, Zimmermann S, Hawkins C, Malkin D, Bouffet E, Villani A, Tabori U. Survival Benefit for Individuals With Constitutional Mismatch Repair Deficiency Undergoing Surveillance. *J Clin Oncol.* 2021 Sep 1;39(25):2779-2790. doi: 10.1200/JCO.20.02636. Epub 2021 May 4. PMID: 33945292; PMCID: PMC8407605.

109: Corell A, Guo A, Vecchio TG, Ozanne A, Jakola AS. Shared decision-making in neurosurgery: a scoping review. *Acta Neurochir (Wien).* 2021 Sep;163(9):2371-2382. doi: 10.1007/s00701-021-04867-3. Epub 2021 May 3. PMID: 33942189; PMCID: PMC8357744.

110: Ferreyra Vega S, Olsson Bontell T, Corell A, Smits A, Jakola AS, Carén H. DNA methylation profiling for molecular classification of adult diffuse lower- grade gliomas. *Clin Epigenetics.* 2021 May 3;13(1):102. doi: 10.1186/s13148-021-01085-7. PMID: 33941250; PMCID: PMC8091784.

111: Marklund N, Vedung F, Lubberink M, Tegner Y, Johansson J, Blennow K, Zetterberg H, Fahlström M, Haller S, Stenson S, Larsson EM, Wall A, Antoni G. Tau aggregation and increased neuroinflammation in athletes after sports-related concussions and in traumatic brain injury patients - A PET/MR study. *Neuroimage Clin.* 2021;30:102665. doi: 10.1016/j.nicl.2021.102665. Epub 2021 Apr 7. PMID: 33894460; PMCID: PMC8091173.

112: O'Connor A, Pannee J, Poole T, Arber C, Portelius E, Swift IJ, Heslegrave AJ, Abel E, Willumsen N, Rice H, Weston PSJ, Ryan NS, Polke JM, Nicholas JM, Mead S, Wray S, Chávez-Gutiérrez L, Frost C, Blennow K, Zetterberg H, Fox NC. Plasma amyloid- β ratios in autosomal dominant Alzheimer's disease: the influence of genotype. *Brain.* 2021 Nov 29;144(10):2964-2970. doi: 10.1093/brain/awab166. PMID: 33892504; PMCID: PMC8634092.

113: Frithiof R, Rostami E, Kumlien E, Virhammar J, Fällmar D, Hultström M, Lipcsey M, Ashton N, Blennow K, Zetterberg H, Punga AR. Critical illness polyneuropathy, myopathy and neuronal biomarkers in COVID-19 patients: A prospective study. *Clin Neurophysiol.* 2021 Jul;132(7):1733-1740. doi: 10.1016/j.clinph.2021.03.016. Epub 2021 Apr 1. PMID: 33875374; PMCID: PMC8012169.

- 114: Fasano A, Espay AJ, Tang-Wai DF, Wikkelsö C, Krauss JK. Reply to: "Gaps, Controversies, and Proposed Roadmap for Research in Normal Pressure Hydrocephalus". *Mov Disord*. 2021 Apr;36(4):1043-1044. doi: 10.1002/mds.28573. PMID: 33851755.
- 115: Samuelsson J, Jakobsson H, Rentzos A, Jakola AS, Nilsson D. Neurological Outcome, Mental Fatigue, and Occurrence of Aneurysms >15 Years After Aneurysmal Subarachnoid Hemorrhage. *World Neurosurg*. 2021 Jul;151:e122-e127. doi: 10.1016/j.wneu.2021.03.148. Epub 2021 Apr 5. PMID: 33831611.
- 116: Lindberg K, Grozman V, Karlsson K, Lindberg S, Lax I, Wersäll P, Persson GF, Josipovic M, Khalil AA, Moeller DS, Nyman J, Drugge N, Bergström P, Olofsson J, Rogg LV, Ramberg C, Kristiansen C, Jeppesen SS, Nielsen TB, Löden B, Rosenbrand HO, Engelholm S, Haraldsson A, Billiet C, Lewensohn R. The HILUS- Trial-a Prospective Nordic Multicenter Phase 2 Study of Ultracentral Lung Tumors Treated With Stereotactic Body Radiotherapy. *J Thorac Oncol*. 2021 Jul;16(7):1200-1210. doi: 10.1016/j.jtho.2021.03.019. Epub 2021 Apr 3. PMID: 33823286.
- 117: Łysiak M, Smits A, Roodakker KR, Sandberg E, Dimberg A, Mudaisi M, Bratthäll C, Strandeus M, Milos P, Hallbeck M, Söderkvist P, Malmström A. Deletions on Chromosome Y and Downregulation of the *SRY* Gene in Tumor Tissue Are Associated with Worse Survival of Glioblastoma Patients. *Cancers (Basel)*. 2021 Mar 31;13(7):1619. doi: 10.3390/cancers13071619. PMID: 33807423; PMCID: PMC8036637.
- 118: Zolfaghari S, Bartek J Jr, Djärf F, Wong SS, Strom I, Ståhl N, Jakola AS, Nittby Redebrandt H. Risk factors for need of reoperation in bilateral chronic subdural haematomas. *Acta Neurochir (Wien)*. 2021 Jul;163(7):1849-1856. doi: 10.1007/s00701-021-04811-5. Epub 2021 Apr 2. PMID: 33796888; PMCID: PMC8195919.
- 119: Tissot C, L Benedet A, Theriault J, Pascoal TA, Lussier FZ, Saha-Chaudhuri P, Chamoun M, Savard M, Mathotaarachchi SS, Bezgin G, Wang YT, Fernandez Arias J, Rodriguez JL, Snellman A, Ashton NJ, Karikari TK, Blennow K, Zetterberg H, De Villiers-Sidani E, Huot P, Gauthier S, Rosa-Neto P; Alzheimer's Disease Neuroimaging Initiative. Plasma pTau181 predicts cortical brain atrophy in aging and Alzheimer's disease. *Alzheimers Res Ther*. 2021 Mar 29;13(1):69. doi: 10.1186/s13195-021-00802-x. PMID: 33781319; PMCID: PMC8008680.
- 120: Traylor M, Persyn E, Tomppo L, Klasson S, Abedi V, Bakker MK, Torres N, Li L, Bell S, Rutten-Jacobs L, Tozer DJ, Griessenauer CJ, Zhang Y, Pedersen A, Sharma P, Jimenez-Conde J, Rundek T, Grewal RP, Lindgren A, Meschia JF, Salomaa V, Havulinna A, Kourkoulis C, Crawford K, Marini S, Mitchell BD, Kittner SJ, Rosand J, Dichgans M, Jern C, Strbian D, Fernandez-Cadenas I, Zand R, Ruigrok Y, Rost N, Lemmens R, Rothwell PM, Anderson CD, Wardlaw J, Lewis CM, Markus HS; Helsinki Stroke, Study Dutch Parelinoer Institute-Cerebrovascular Accident (CVA) Study Group; National Institute of Neurological Disorders and Stroke (NINDS) Stroke Genetics Network; UK DNA Lacunar Stroke Study Investigators; International Stroke Genetics Consortium. Genetic basis of lacunar stroke: a pooled analysis of individual patient data and genome-wide association studies. *Lancet Neurol*. 2021 May;20(5):351-361. doi: 10.1016/S1474-4422(21)00031-4. Epub 2021 Mar 25. PMID: 33773637; PMCID: PMC8062914.
- 121: Thurin E, Rydén I, Skoglund T, Smits A, Gulati S, Hesselager G, Bartek J Jr, Henriksson R, Salvesen Ø, Jakola AS. Impact of meningioma surgery on use of antiepileptic, antidepressant, and sedative drugs: A Swedish nationwide matched cohort study. *Cancer Med*. 2021 May;10(9):2967-2977. doi: 10.1002/cam4.3868. Epub 2021 Mar 26. PMID: 33773085; PMCID: PMC8085957.
- 122: Cunningham JL, Virhammar J, Rönnberg B, Dopico XC, Kolstad L, Albinsson B, Kumlien E, Nääs A,

Klang A, Westman G, Zetterberg H, Frithiof R, Lundkvist Å, Karlsson Hedestam GB, Rostami E. Antibody Responses to Severe Acute Respiratory Syndrome Coronavirus 2 in the Serum and Cerebrospinal Fluid of Patients With Coronavirus Disease 2019 and Neurological Symptoms. *J Infect Dis.* 2022 Mar 15;225(6):965-970. doi: 10.1093/infdis/jiab153. PMID: 33744954; PMCID: PMC8083780.

123: Fyllingen EH, Bø LE, Reinertsen I, Jakola AS, Sagberg LM, Berntsen EM, Salvesen Ø, Solheim O. Survival of glioblastoma in relation to tumor location: a statistical tumor atlas of a population-based cohort. *Acta Neurochir (Wien).* 2021 Jul;163(7):1895-1905. doi: 10.1007/s00701-021-04802-6. Epub 2021 Mar 20. PMID: 33742279; PMCID: PMC8195961.

124: Lindgren AG, Braun RG, Juhl Majersik J, Clatworthy P, Mainali S, Derdeyn CP, Maguire J, Jern C, Rosand J, Cole JW, Lee JM, Khatri P, Nyquist P, Debette S, Keat Wei L, Rundek T, Leifer D, Thijs V, Lemmens R, Heitsch L, Prasad K, Jimenez Conde J, Dichgans M, Rost NS, Cramer SC, Bernhardt J, Worrall BB, Fernandez-Cadenas I; International Stroke Genetics Consortium. International stroke genetics consortium recommendations for studies of genetics of stroke outcome and recovery. *Int J Stroke.* 2022 Mar;17(3):260-268. doi: 10.1177/17474930211007288. Epub 2021 Apr 26. PMID: 33739214; PMCID: PMC8864333.

125: Lukkarinen H, Tesseur I, Pemberton D, Van Der Ark P, Timmers M, Slemmon R, Janssens L, Streffer J, Van Nueten L, Bottelbergs A, Rauramaa T, Koivisto AM, Herukka SK, Korhonen VE, Junkkari A, Hiltunen M, Engelborghs S, Blennow K, Zetterberg H, Kolb HC, Leinonen V. Time Trends of Cerebrospinal Fluid Biomarkers of Neurodegeneration in Idiopathic Normal Pressure Hydrocephalus. *J Alzheimers Dis.* 2021;80(4):1629-1642. doi: 10.3233/JAD-201361. PMID: 33720890; PMCID: PMC8150674.

126: Karlander M, Ljungqvist J, Zelano J. Post-traumatic epilepsy in adults: a nationwide register-based study. *J Neurol Neurosurg Psychiatry.* 2021 Mar 9;92(6):617-21. doi: 10.1136/jnnp-2020-325382. Epub ahead of print. PMID: 33687971; PMCID: PMC8142432.

127: Rydén I, Thurin E, Carstam L, Smits A, Gulati S, Henriksson R, Salvesen Ø, Store Jakola A. Psychotropic and anti-epileptic drug use, before and after surgery, among patients with low-grade glioma: a nationwide matched cohort study. *BMC Cancer.* 2021 Mar 8;21(1):248. doi: 10.1186/s12885-021-07939-w. Erratum in: *BMC Cancer.* 2022 Mar 31;22(1):350. PMID: 33685410; PMCID: PMC7938599.

128: Thompson AGB, Anastasiadis P, Druyeh R, Whitworth I, Nayak A, Nihat A, Mok TH, Rudge P, Wadsworth JDF, Rohrer J, Schott JM, Heslegrave A, Zetterberg H, Collinge J, Jackson GS, Mead S. Evaluation of plasma tau and neurofilament light chain biomarkers in a 12-year clinical cohort of human prion diseases. *Mol Psychiatry.* 2021 Oct;26(10):5955-5966. doi: 10.1038/s41380-021-01045-w. Epub 2021 Mar 5. PMID: 33674752; PMCID: PMC8758487.

129: Skyrman S, Bartek J Jr, Haghighi M, Fornebo I, Skoglund T, Jakola AS, von Vogelsang AC, Förander P. In response to: "Effective prophylaxis regimens against *Cutibacterium acnes* in Neurosurgery" by d'Alessandris et al. *Acta Neurochir (Wien).* 2021 Oct;163(10):2695. doi: 10.1007/s00701-021-04771-w. Epub 2021 Mar 4. PMID: 33665729.

130: Hjørnesen S, Sejbaek T, Axelsson M, Vinsløv-Jensen H, Mortensen SK, Pihl-Jensen G, Novakova L, Christensen JDR, Pedersen CB, Halle B, Poulsen FR, Lautrup Frederiksen J, Zhang M, Benedikz E, Lycke J, Illes Z, Fex Svenningsen Å. The levels of the serine protease HTRA1 in cerebrospinal fluid correlate with progression and disability in multiple sclerosis. *J Neurol.* 2021 Sep;268(9):3316-3324. doi: 10.1007/s00415-021-10489-7. Epub 2021 Mar 4. PMID: 33661357.

- 131: Ho K, Fleseriu M, Kaiser U, Salvatori R, Brue T, Lopes MB, Kunz P, Molitch M, Camper SA, Gadelha M, Syro LV, Laws E, Reincke M, Nishioka H, Grossman A, Barkan A, Casanueva F, Wass J, Mamelak A, Katznelson L, van der Lely AJ, Radovick S, Bidlingmaier M, Boguszewski M, Bollerslev J, Hoffman AR, Oyesiku N, Raverot G, Ben-Shlomo A, Fowkes R, Shimon I, Fukuoka H, Pereira AM, Greenman Y, Heaney AP, Gurnell M, Johannsson G, Osamura RY, Buchfelder M, Zatelli MC, Korbonits M, Chanson P, Biermasz N, Clemmons DR, Karavitaki N, Bronstein MD, Trainer P, Melmed S. Pituitary Neoplasm Nomenclature Workshop: Does Adenoma Stand the Test of Time? *J Endocr Soc.* 2021 Feb 9;5(3):bvaa205. doi: 10.1210/jendso/bvaa205. PMID: 33604494; PMCID: PMC7874572.
- 132: Laforêt P, Oldfors A, Malfatti E, Vissing J; ENMC 251st workshop study group. 251st ENMC international workshop: Polyglucosan storage myopathies 13-15 December 2019, Hoofddorp, the Netherlands. *Neuromuscul Disord.* 2021 May;31(5):466-477. doi: 10.1016/j.nmd.2021.01.010. Epub 2021 Jan 23. PMID: 33602551; PMCID: PMC8474010.
- 133: Keshavan A, Wellington H, Chen Z, Khatun A, Chapman M, Hart M, Cash DM, Coath W, Parker TD, Buchanan SM, Keuss SE, Harris MJ, Murray-Smith H, Heslegrave A, Fox NC, Zetterberg H, Schott JM. Concordance of CSF measures of Alzheimer's pathology with amyloid PET status in a preclinical cohort: A comparison of Lumipulse and established immunoassays. *Alzheimers Dement (Amst).* 2021 Feb 6;13(1):e12131. doi: 10.1002/dad2.12131. PMID: 33598527; PMCID: PMC7867115.
- 134: Escartin C, Galea E, Lakatos A, O'Callaghan JP, Petzold GC, Serrano-Pozo A, Steinhäuser C, Volterra A, Carmignoto G, Agarwal A, Allen NJ, Araque A, Barbeito L, Barzilai A, Bergles DE, Bonvento G, Butt AM, Chen WT, Cohen-Salmon M, Cunningham C, Deneen B, De Strooper B, Díaz-Castro B, Farina C, Freeman M, Gallo V, Goldman JE, Goldman SA, Götz M, Gutiérrez A, Haydon PG, Heiland DH, Hol EM, Holt MG, Iino M, Kastanenka KV, Kettenmann H, Khakh BS, Koizumi S, Lee CJ, Liddel SA, MacVicar BA, Magistretti P, Messing A, Mishra A, Molofsky AV, Murai KK, Norris CM, Okada S, Oliet SHR, Oliveira JF, Panatier A, Parpura V, Pekna M, Pekny M, Pellerin L, Perea G, Pérez-Nievas BG, Pfrieger FW, Poskanzer KE, Quintana FJ, Ransohoff RM, Riquelme-Perez M, Robel S, Rose CR, Rothstein JD, Rouach N, Rowitch DH, Semyanov A, Sirko S, Sontheimer H, Swanson RA, Vitorica J, Wanner IB, Wood LB, Wu J, Zheng B, Zimmer ER, Zorec R, Sofroniew MV, Verkhratsky A. Reactive astrocyte nomenclature, definitions, and future directions. *Nat Neurosci.* 2021 Mar;24(3):312-325. doi: 10.1038/s41593-020-00783-4. Epub 2021 Feb 15. PMID: 33589835; PMCID: PMC8007081.
- 135: Ashton NJ, Pascoal TA, Karikari TK, Benedet AL, Lantero-Rodriguez J, Brinkmalm G, Snellman A, Schöll M, Troakes C, Hye A, Gauthier S, Vanmechelen E, Zetterberg H, Rosa-Neto P, Blennow K. Plasma p-tau231: a new biomarker for incipient Alzheimer's disease pathology. *Acta Neuropathol.* 2021 May;141(5):709-724. doi: 10.1007/s00401-021-02275-6. Epub 2021 Feb 14. PMID: 33585983; PMCID: PMC8043944.
- 136: Qian C, Huhtakangas J, Juvela S, Bode MK, Tatlisumak T, Savolainen M, Numminen H, Ollikainen J, Luostarinen L, Kupila L, Tetri S. Early vs. late enoxaparin for the prevention of venous thromboembolism in patients with ICH: A double blind placebo controlled multicenter study. *Clin Neurol Neurosurg.* 2021 Mar;202:106534. doi: 10.1016/j.clineuro.2021.106534. Epub 2021 Jan 29. PMID: 33578226.
- 137: Ou ZA, Byrne LM, Rodrigues FB, Tortelli R, Johnson EB, Foiani MS, Arridge M, De Vita E, Scahill RI, Heslegrave A, Zetterberg H, Wild EJ. Brain-derived neurotrophic factor in cerebrospinal fluid and plasma is not a biomarker for Huntington's disease. *Sci Rep.* 2021 Feb 10;11(1):3481. doi: 10.1038/s41598-021-83000-x. PMID: 33568689; PMCID: PMC7876124.
- 138: Buvarp D, Rydén I, Sunnerhagen KS, Olsson Bontell T, Gómez Vecchio T, Smits A, Jakola AS. Preoperative Patient-Reported Outcomes in Suspected Low-Grade Glioma: Markers of Disease

Severity and Correlations with Molecular Subtypes. *J Clin Med*. 2021 Feb 8;10(4):645. doi: 10.3390/jcm10040645. PMID: 33567561; PMCID: PMC7914619.

139: Murphy M, Hernández-Durán S, Kim E, Al-Shehhi N, Broekman M, de Praeter M, Dubuisson A, Emery É, Gazioglu N, Grossman R, Janssen IK, Karampouga M, Khorbaladze L, Lambrianou X, Lippa L, Magnadottir H, Mihaylova S, Pajaj E, Rabiei K, Rodríguez-Hernández A, Tasiou A, Vayssiere P, Rosseau G. European women in neurosurgery: II - Historical characters and living legends. *J Clin Neurosci*. 2021 Apr;86:324-331. doi: 10.1016/j.jocn.2021.01.024. Epub 2021 Feb 6. PMID: 33558184.

140: Lagerstrand K, Gaedes N, Eriksson S, Farahmand D, De Coursey E, Johansson G, Jönsson L, Skoglund T. Virtual magnetic resonance elastography has the feasibility to evaluate preoperative pituitary neuroendocrine tumor consistency. *Pituitary*. 2021 Aug;24(4):530-541. doi: 10.1007/s11102-021-01129-4. Epub 2021 Feb 8. PMID: 33555485; PMCID: PMC8270838.

141: Millere E, Rots D, Glazere I, Taurina G, Kurjane N, Priedite V, Gailite L, Blennow K, Zetterberg H, Kenina V. Clinical Phenotyping and Biomarkers in Spinal and Bulbar Muscular Atrophy. *Front Neurol*. 2021 Jan 20;11:586610. doi: 10.3389/fneur.2020.586610. PMID: 33551952; PMCID: PMC7856139.

142: Hernández-Durán S, Murphy M, Kim E, Al-Shehhi N, Broekman M, de Praeter M, Dubuisson A, Emery É, Gazioglu N, Grossman R, Janssen IK, Karampouga M, Khorbaladze L, Lambrianou X, Lippa L, Magnadottir H, Mihaylova S, Pajaj E, Rabiei K, Rodríguez-Hernández A, Tasiou A, Vayssiere P, Rosseau G. European women in neurosurgery: I - A chronology of trailblazers. *J Clin Neurosci*. 2021 Apr;86:316-323. doi: 10.1016/j.jocn.2021.01.026. Epub 2021 Feb 4. PMID: 33551325.

143: Malmqvist C, Paganini A, Johansson L, Maltese G, Tarnow P, Olsson R, Kölby L, Rylander C. Simplified Postoperative Care After Spring-assisted Strip Craniotomy for Sagittal Synostosis: A Prospective Before-and-After Study. *J Craniofac Surg*. 2021 Jun 1;32(4):1507-1510. doi: 10.1097/SCS.00000000000007498. PMID: 33534314.

144: Corell A, Yilmaz A, Almotairi FS, Farahmand D. Intracranial Manifestation of Melioidosis: A Case Report and Long-Term Follow-Up. *Cureus*. 2020 Dec 29;12(12):e12367. doi: 10.7759/cureus.12367. PMID: 33527048; PMCID: PMC7843157.

145: Hallén T, Olsson DS, Hammarstrand C, Örndal C, Engvall A, Ragnarsson O, Skoglund T, Johannsson G. MCM7 as a marker of postsurgical progression in non- functioning pituitary neuroendocrine tumors. *Eur J Endocrinol*. 2021 Apr;184(4):521-531. doi: 10.1530/EJE-20-1086. PMID: 33524001.

146: Tsitsopoulos PP, Holmström U, Blennow K, Zetterberg H, Marklund N. Cerebrospinal fluid biomarkers of glial and axonal injury in cervical spondylotic myelopathy. *J Neurosurg Spine*. 2021 Jan 29;34(4):632-641. doi: 10.3171/2020.8.SPINE20965. PMID: 33513577.

147: Eijkholt M, Hulsbergen A, Muskens I, Mathiesen TI, Bolger C, Feldman Z, Kitchen N, Samprón N, Sandvik U, Tisell M, Broekman M. Should neurosurgeons continue to work in the absence of personal protective equipment during the COVID-19 era? *Acta Neurochir (Wien)*. 2021 Mar;163(3):593-598. doi: 10.1007/s00701-021-04703-8. Epub 2021 Jan 20. PMID: 33469692; PMCID: PMC7815500.

148: Shepley BR, Ainslie PN, Hoiland RL, Donnelly J, Sekhon MS, Zetterberg H, Blennow K, Bain AR. Negligible influence of moderate to severe hyperthermia on blood-brain barrier permeability and neuronal parenchymal integrity in healthy men. *J Appl Physiol (1985)*. 2021 Mar 1;130(3):792-800. doi: 10.1152/japplphysiol.00645.2020. Epub 2021 Jan 14. PMID: 33444119.

- 149: Pennlund A, Jakola AS, Skoglund T, Ljungqvist J. A single-centre study of frame-based stereotactic brain biopsies. *Br J Neurosurg*. 2021 Jan 11;1-4. doi: 10.1080/02688697.2020.1867704. Epub ahead of print. PMID: 33423555.
- 150: Bjellvi J, Edelvik Tranberg A, Rydenhag B, Malmgren K. In Reply: Risk Factors for Seizure Worsening After Epilepsy Surgery in Children and Adults: A Population-Based Register Study. *Neurosurgery*. 2021 Mar 15;88(4):E366. doi: 10.1093/neuros/nyaa560. PMID: 33372220.
- 151: Virhammar J, Nääs A, Fällmar D, Cunningham JL, Klang A, Ashton NJ, Jackmann S, Westman G, Frithiof R, Blennow K, Zetterberg H, Kumlien E, Rostami E. Biomarkers for central nervous system injury in cerebrospinal fluid are elevated in COVID-19 and associated with neurological symptoms and disease severity. *Eur J Neurol*. 2021 Oct;28(10):3324-3331. doi: 10.1111/ene.14703. Epub 2021 Jan 19. PMID: 33369818; PMCID: PMC8518988.
- 152: Opheim G, van der Kolk A, Markenroth Bloch K, Colon AJ, Davis KA, Henry TR, Jansen JFA, Jones SE, Pan JW, Rössler K, Stein JM, Strandberg MC, Trattig S, Van de Moortele PF, Vargas MI, Wang I, Bartolomei F, Bernasconi N, Bernasconi A, Bernhardt B, Björkman-Burtscher I, Cosottini M, Das SR, Hertz-Pannier L, Inati S, Jurkiewicz MT, Khan AR, Liang S, Ma RE, Mukundan S, Pardoe H, Pinborg LH, Polimeni JR, Ranjeva JP, Steijvers E, Stuffebeam S, Veersema TJ, Vignaud A, Voets N, Vulliemoz S, Wiggins CJ, Xue R, Guerrini R, Guye M. 7T Epilepsy Task Force Consensus Recommendations on the Use of 7T MRI in Clinical Practice. *Neurology*. 2021 Feb 16;96(7):327-341. doi: 10.1212/WNL.00000000000011413. Epub 2020 Dec 22. PMID: 33361257; PMCID: PMC8055334.
- 153: Millere E, Rots D, Simrén J, Ashton NJ, Kupats E, Micule I, Priedite V, Kurjane N, Blennow K, Gailite L, Zetterberg H, Kenina V. Plasma neurofilament light chain as a potential biomarker in Charcot-Marie-Tooth disease. *Eur J Neurol*. 2021 Mar;28(3):974-981. doi: 10.1111/ene.14689. Epub 2021 Jan 6. PMID: 33340200.
- 154: Rodrigues FB, Byrne LM, Tortelli R, Johnson EB, Wijeratne PA, Arridge M, De Vita E, Ghazaleh N, Houghton R, Furby H, Alexander DC, Tabrizi SJ, Schobel S, Scahill RI, Heslegrave A, Zetterberg H, Wild EJ. Mutant huntingtin and neurofilament light have distinct longitudinal dynamics in Huntington's disease. *Sci Transl Med*. 2020 Dec 16;12(574):eabc2888. doi: 10.1126/scitranslmed.abc2888. PMID: 33328328; PMCID: PMC7611886.
- 155: Andrén K, Wikkelsø C, Hellström P, Tullberg M, Jaraj D. Early shunt surgery improves survival in idiopathic normal pressure hydrocephalus. *Eur J Neurol*. 2021 Apr;28(4):1153-1159. doi: 10.1111/ene.14671. Epub 2021 Jan 25. PMID: 33316127; PMCID: PMC7986742.
- 156: Weller M, van den Bent M, Preusser M, Le Rhun E, Tonn JC, Minniti G, Bendszus M, Balana C, Chinot O, Dirven L, French P, Hegi ME, Jakola AS, Platten M, Roth P, Rudà R, Short S, Smits M, Taphoorn MJB, von Deimling A, Westphal M, Soffietti R, Reifenberger G, Wick W. EANO guidelines on the diagnosis and treatment of diffuse gliomas of adulthood. *Nat Rev Clin Oncol*. 2021 Mar;18(3):170-186. doi: 10.1038/s41571-020-00447-z. Epub 2020 Dec 8. Erratum in: *Nat Rev Clin Oncol*. 2022 Mar 23;: PMID: 33293629; PMCID: PMC7904519.
- 157: Holmberg ST, Salvesen ØO, Vangen-Lønne V, Hara S, Fredheim OM, Solberg TK, Jakola AS, Solheim O, Nygaard ØP, Gulati S. Pain During Sex Before and After Surgery for Lumbar Disc Herniation: A Multicenter Observational Study. *Spine (Phila Pa 1976)*. 2020 Dec 15;45(24):1751-1757. doi: 10.1097/BRS.0000000000003675. PMID: 33230085.
- 158: Benedet AL, Leuzy A, Pascoal TA, Ashton NJ, Mathotaarachchi S, Savard M, Theriault J, Kang MS, Chamoun M, Schöll M, Zimmer ER, Gauthier S, Labbe A, Zetterberg H, Rosa-Neto P, Blennow K;

Alzheimer's Disease Neuroimaging Initiative. Stage-specific links between plasma neurofilament light and imaging biomarkers of Alzheimer's disease. *Brain*. 2020 Dec 1;143(12):3793-3804. doi: 10.1093/brain/awaa342. PMID: 33210117; PMCID: PMC7805809.

159: Posti JP, Takala RSK, Raj R, Luoto TM, Azurmendi L, Lagerstedt L, Mohammadian M, Hossain I, Gill J, Frantzén J, van Gils M, Hutchinson PJ, Katila AJ, Koivikko P, Maanpää HR, Menon DK, Newcombe VF, Tallus J, Blennow K, Tenovuo O, Zetterberg H, Sanchez JC. Admission Levels of Interleukin 10 and Amyloid β 1-40 Improve the Outcome Prediction Performance of the Helsinki Computed Tomography Score in Traumatic Brain Injury. *Front Neurol*. 2020 Oct 30;11:549527. doi: 10.3389/fneur.2020.549527. PMID: 33192979; PMCID: PMC7661930.

160: Gaillard WD, Jette N, Arnold ST, Arzimanoglou A, Braun KPJ, Cukiert A, Dick A, Harvey AS, Jacobs J, Rydenhag B, Udani V, Wilmschurst JM, Cross JH, Jayakar P; Task Force for Pediatric Epilepsy Surgery, Commission for Pediatrics, and the Surgical Commission of the International League Against Epilepsy. Establishing criteria for pediatric epilepsy surgery center levels of care: Report from the ILAE Pediatric Epilepsy Surgery Task Force. *Epilepsia*. 2020 Dec;61(12):2629-2642. doi: 10.1111/epi.16698. Epub 2020 Nov 14. PMID: 33190227.

161: Hathazi D, Griffin H, Jennings MJ, Giunta M, Powell C, Pearce SF, Munro B, Wei W, Boczonadi V, Poulton J, Pyle A, Calabrese C, Gomez-Duran A, Schara U, Pitceathly RDS, Hanna MG, Joost K, Cotta A, Paim JF, Navarro MM, Duff J, Mattman A, Chapman K, Servidei S, Della Marina A, Uusimaa J, Roos A, Mootha V, Hirano M, Tulinius M, Giri M, Hoffmann EP, Lochmüller H, DiMauro S, Minczuk M, Chinnery PF, Müller JS, Horvath R. Metabolic shift underlies recovery in reversible infantile respiratory chain deficiency. *EMBO J*. 2020 Dec 1;39(23):e105364. doi: 10.15252/embj.2020105364. Epub 2020 Oct 31. PMID: 33128823; PMCID: PMC7705457.

162: Casar-Borota O, Boldt HB, Engström BE, Andersen MS, Baussart B, Bengtsson D, Berinder K, Ekman B, Feldt-Rasmussen U, Höybye C, Jørgensen JOL, Kolnes AJ, Korbonits M, Rasmussen ÅK, Lindsay JR, Loughrey PB, Maiter D, Manojlovic-Gacic E, Pahnke J, Poliani PL, Popovic V, Ragnarsson O, Schalin-Jäntti C, Scheie D, Tóth M, Villa C, Wirenfeldt M, Kunicki J, Burman P. Corticotroph Aggressive Pituitary Tumors and Carcinomas Frequently Harbor ATRX Mutations. *J Clin Endocrinol Metab*. 2021 Mar 25;106(4):1183-1194. doi: 10.1210/clinem/dgaa749. PMID: 33106857; PMCID: PMC7993578.

163: Karikari TK, Benedet AL, Ashton NJ, Lantero Rodriguez J, Snellman A, Suárez-Calvet M, Saha-Chaudhuri P, Lussier F, Kvartsberg H, Rial AM, Pascoal TA, Andreasson U, Schöll M, Weiner MW, Rosa-Neto P, Trojanowski JQ, Shaw LM, Blennow K, Zetterberg H; Alzheimer's Disease Neuroimaging Initiative. Diagnostic performance and prediction of clinical progression of plasma phospho-tau181 in the Alzheimer's Disease Neuroimaging Initiative. *Mol Psychiatry*. 2021 Feb;26(2):429-442. doi: 10.1038/s41380-020-00923-z. Epub 2020 Oct 26. PMID: 33106600.

164: Shribman S, Heller C, Burrows M, Heslegrave A, Swift I, Foiani MS, Gillett GT, Tsochatzis EA, Rowe JB, Gerhard A, Butler CR, Masellis M, Bremner F, Martin A, Jung L, Cook P, Zetterberg H, Bandmann O, Rohrer JD, Warner TT. Plasma Neurofilament Light as a Biomarker of Neurological Involvement in Wilson's Disease. *Mov Disord*. 2021 Feb;36(2):503-508. doi: 10.1002/mds.28333. Epub 2020 Oct 20. PMID: 33078859; PMCID: PMC8436757.

165: Huebschmann NA, Luoto TM, Karr JE, Berghem K, Blennow K, Zetterberg H, Ashton NJ, Simrén J, Posti JP, Gill JM, Iverson GL. Comparing Glial Fibrillary Acidic Protein (GFAP) in Serum and Plasma Following Mild Traumatic Brain Injury in Older Adults. *Front Neurol*. 2020 Sep 18;11:1054. doi: 10.3389/fneur.2020.01054. PMID: 33071938; PMCID: PMC7530818.

166: Rubin MC, Sagberg LM, Jakola AS, Solheim O. Primary versus recurrent surgery for glioblastoma-

a prospective cohort study. *Acta Neurochir (Wien)*. 2022 Feb;164(2):429-438. doi: 10.1007/s00701-020-04605-1. Epub 2020 Oct 14. PMID: 33052493; PMCID: PMC8854275.

167: Pelletier F, Perrier S, Cayami FK, Mirchi A, Saikali S, Tran LT, Ulrick N, Guerrero K, Rampakakis E, van Spaendonk RML, Naidu S, Pohl D, Gibson WT, Demos M, Goizet C, Tejera-Martin I, Potic A, Fogel BL, Brais B, Sylvain M, Sébire G, Lourenço CM, Bonkowsky JL, Catsman-Berrevoets C, Pinto PS, Tirupathi S, Strømme P, de Grauw T, Gieruszczak-Bialek D, Krägeloh-Mann I, Mierzewska H, Philippi H, Rankin J, Atik T, Banwell B, Benko WS, Blaschek A, Bley A, Boltshauser E, Bratkovic D, Brozova K, Cimas I, Clough C, Corenblum B, Dinopoulos A, Dolan G, Faletra F, Fernandez R, Fletcher J, Garcia Garcia ME, Gasparini P, Gburek-Augustat J, Gonzalez Moron D, Hamati A, Harting I, Hertzberg C, Hill A, Hobson GM, Innes AM, Kauffman M, Kirwin SM, Kluger G, Kolditz P, Kotzaeridou U, La Piana R, Liston E, McClintock W, McEntagart M, McKenzie F, Melançon S, Misbahuddin A, Suri M, Monton FI, Moutton S, Murphy RPJ, Nickel M, Onay H, Orcesi S, Özkinay F, Patzer S, Pedro H, Pekic S, Pineda Marfa M, Pizzino A, Plecko B, Poll-The BT, Popovic V, Rating D, Rioux MF, Rodriguez Espinosa N, Ronan A, Ostergaard JR, Rossignol E, Sanchez-Carpintero R, Schossig A, Senbil N, Sønnderberg Roos LK, Stevens CA, Synofzik M, Sztriha L, Tibussek D, Timmann D, Tonduti D, van de Warrenburg BP, Vázquez-López M, Venkateswaran S, Wasling P, Wassmer E, Webster RI, Wiegand G, Yoon G, Rotteveel J, Schiffmann R, van der Knaap MS, Vanderver A, Martos-Moreno GÁ, Polychronakos C, Wolf NI, Bernard G. Endocrine and Growth Abnormalities in 4H Leukodystrophy Caused by Variants in POLR3A, POLR3B, and POLR1C. *J Clin Endocrinol Metab*. 2021 Jan 23;106(2):e660-e674. doi: 10.1210/clinem/dgaa700. PMID: 33005949; PMCID: PMC7823228.

168: Gard A, Lehto N, Engström Å, Shahim P, Zetterberg H, Blennow K, Marklund N, Tegner Y. Quality of life of ice hockey players after retirement due to concussions. *Concussion*. 2020 Aug 4;5(3):CNC78. doi: 10.2217/cnc-2020-0007. PMID: 33005437; PMCID: PMC7506471.

169: Keshavan A, Wellington H, Chen Z, Khatun A, Chapman M, Hart M, Cash DM, Coath W, Parker TD, Buchanan SM, Keuss SE, Harris MJ, Murray-Smith H, Heslegrave A, Fox NC, Zetterberg H, Schott JM. Concordance of CSF measures of Alzheimer's pathology with amyloid PET status in a preclinical cohort: A comparison of Lumipulse and established immunoassays. *Alzheimers Dement (Amst)*. 2020 Sep 13;12(1):e12097. doi: 10.1002/dad2.12097. PMID: 32999915; PMCID: PMC7503103.

170: Fasano A, Espay AJ, Tang-Wai DF, Wikkelsö C, Krauss JK. Gaps, Controversies, and Proposed Roadmap for Research in Normal Pressure Hydrocephalus. *Mov Disord*. 2020 Nov;35(11):1945-1954. doi: 10.1002/mds.28251. Epub 2020 Sep 22. PMID: 32959936.

171: Lauwers E, Lalli G, Brandner S, Collinge J, Compennolle V, Duyckaerts C, Edgren G, Haïk S, Hardy J, Helmy A, Ivinson AJ, Jaunmuktane Z, Jucker M, Knight R, Lemmens R, Lin IC, Love S, Mead S, Perry VH, Pickett J, Poppy G, Radford SE, Rousseau F, Routledge C, Schiavo G, Schymkowitz J, Selkoe DJ, Smith C, Thal DR, Theys T, Tiberghien P, van den Burg P, Vandekerckhove P, Walton C, Zaaier HL, Zetterberg H, De Strooper B. Potential human transmission of amyloid β pathology: surveillance and risks. *Lancet Neurol*. 2020 Oct;19(10):872-878. doi: 10.1016/S1474-4422(20)30238-6. Epub 2020 Sep 16. Erratum in: *Lancet Neurol*. 2020 Nov;19(11):e10. PMID: 32949547.

172: Teixeira GQ, Yong Z, Goncalves RM, Kuhn A, Riegger J, Brisby H, Barreto Henriksson H, Ruf M, Nerlich A, Mauer UM, Ignatius A, Brenner RE, Neidlinger-Wilke C. Terminal complement complex formation is associated with intervertebral disc degeneration. *Eur Spine J*. 2021 Jan;30(1):217-226. doi: 10.1007/s00586-020-06592-4. Epub 2020 Sep 16. PMID: 32936402.

173: Nobre L, Zapotocky M, Ramaswamy V, Ryall S, Bennett J, Alderete D, Balaguer Guill J, Baroni L, Bartels U, Bavle A, Bornhorst M, Boue DR, Canete A, Chintagumpala M, Coven SL, Cruz O, Dahiya S, Dirks P, Dunkel IJ, Eisenstat D, Faure Conter C, Finch E, Finlay JL, Frappaz D, Garre ML, Gauvain K,

Bechensteen AG, Hansford JR, Harting I, Hauser P, Hazrati LN, Huang A, Injac SG, Iurilli V, Karajannis M, Kaur G, Kyncl M, Krskova L, Laperriere N, Larouche V, Lassaletta A, Leary S, Lin F, Mascelli S, McKeown T, Milde T, Morales La Madrid A, Morana G, Morse H, Mushtaq N, Osorio DS, Packer R, Pavelka Z, Quiroga-Cantero E, Rutka J, Sabel M, Salgado D, Solano P, Sterba J, Su J, Sumerauer D, Taylor MD, Toledano H, Tsang DS, Valente Fernandes M, van Landeghem F, van Tilburg CM, Wilson B, Witt O, Zamecnik J, Bouffet E, Hawkins C, Tabori U. Outcomes of BRAF V600E Pediatric Gliomas Treated With Targeted BRAF Inhibition. *JCO Precis Oncol*. 2020 May 20;4:PO.19.00298. doi: 10.1200/PO.19.00298. PMID: 32923898; PMCID: PMC7446502.

174: Ståhl P, Fekete B, Henoch I, Smits A, Jakola AS, Rydenhag B, Ozanne A. Health-related quality of life and emotional well-being in patients with glioblastoma and their relatives. *J Neurooncol*. 2020 Sep;149(2):347-356. doi: 10.1007/s11060-020-03614-5. Epub 2020 Sep 9. PMID: 32909116; PMCID: PMC7541353.

175: Gatzinsky K, Bergh C, Liljegren A, Silander H, Samuelsson J, Svanberg T, Samuelsson O. Repetitive transcranial magnetic stimulation of the primary motor cortex in management of chronic neuropathic pain: a systematic review. *Scand J Pain*. 2020 Sep 7;21(1):8-21. doi: 10.1515/sjpain-2020-0054. PMID: 32892189.

176: Mirian C, Duun-Henriksen AK, Maier A, Pedersen MM, Jensen LR, Bashir A, Graillon T, Hrachova M, Bota D, van Essen M, Spanjol P, Kreis C, Law I, Broholm H, Poulsgaard L, Fugleholm K, Ziebell M, Munch T, Walter MA, Mathiesen T. Somatostatin Receptor-Targeted Radiopeptide Therapy in Treatment-Refractory Meningioma: Individual Patient Data Meta-analysis. *J Nucl Med*. 2021 Apr;62(4):507-513. doi: 10.2967/jnumed.120.249607. Epub 2020 Aug 28. PMID: 32859705.

177: Alaoui-Ismaili A, Krogager ME, Jakola AS, Poulsgaard L, Couldwell W, Mathiesen T. Surgeons' experience of venous risk with CPA surgery. *Neurosurg Rev*. 2021 Jun;44(3):1675-1685. doi: 10.1007/s10143-020-01365-5. Epub 2020 Aug 8. PMID: 32772296.

178: Sánchez van Kammen M, Lindgren E, Silvis SM, Hiltunen S, Heldner MR, Serrano F, Zelano J, Zuurbier SM, Mansour M, Aguiar de Sousa D, Canhã P, Al-Asady S, Ekizoglu E, Redfors P, Yesilot N, Ghiasian M, Barboza MA, Arnao V, Aridon P, Punter MNM, Ferro JM, Arauz A, Tatlisumak T, Arnold M, Putaala J, Jood K, Coutinho JM. Late seizures in cerebral venous thrombosis. *Neurology*. 2020 Sep 22;95(12):e1716-e1723. doi: 10.1212/WNL.0000000000010576. Epub 2020 Aug 5. PMID: 32759195.

179: Lindgren E, Silvis SM, Hiltunen S, Heldner MR, Serrano F, de Scisco M, Zelano J, Zuurbier SM, Sánchez van Kammen M, Mansour M, Aguiar de Sousa D, Penas S, Al-Asady S, Ekizoglu E, Redfors P, Ahmed A, Yesilot N, Ghiasian M, Barboza MA, Arnao V, Aridon P, Punter MNM, Ferro JM, Kleinig T, Arauz A, Tatlisumak T, Arnold M, Putaala J, Coutinho JM, Jood K. Acute symptomatic seizures in cerebral venous thrombosis. *Neurology*. 2020 Sep 22;95(12):e1706-e1715. doi: 10.1212/WNL.0000000000010577. Epub 2020 Aug 5. Erratum in: *Neurology*. 2021 Mar 30;96(13):639. PMID: 32759191.

180: Bae JB, Lipnicki DM, Han JW, Sachdev PS, Kim TH, Kwak KP, Kim BJ, Kim SG, Kim JL, Moon SW, Park JH, Ryu SH, Youn JC, Lee DY, Lee DW, Lee SB, Lee JJ, Jhoo JH, Llibre-Rodriguez JJ, Llibre-Guerra JJ, Valhuerdi-Cepero AJ, Ritchie K, Ancelin ML, Carriere I, Skoog I, Najjar J, Sterner TR, Scarmeas N, Yannakoulia M, Dardiotis E, Meguro K, Kasai M, Nakamura K, Riedel-Heller S, Roehr S, Pabst A, van Boxtel M, Köhler S, Ding D, Zhao Q, Liang X, Scazufca M, Lobo A, De-la- Cámara C, Lobo E, Kim KW; for Cohort Studies of Memory in an International Consortium (COSMIC). Does parity matter in women's risk of dementia? A COSMIC collaboration cohort study. *BMC Med*. 2020 Aug 5;18(1):210. doi: 10.1186/s12916-020-01671-1. PMID: 32753059; PMCID: PMC7406389.

- 181: Iverson GL, Posti JP, Öhman J, Blennow K, Zetterberg H, Luoto TM. Reliability of serum S100B measurement following mild traumatic brain injury: a comparison of assay measurements from two laboratories. *Brain Inj.* 2020 Jul 28;34(9):1237-1244. doi: 10.1080/02699052.2020.1800092. Epub 2020 Aug 3. PMID: 32744887.
- 182: Therriault J, Benedet AL, Pascoal TA, Savard M, Ashton NJ, Chamoun M, Tissot C, Lussier F, Kang MS, Bezgin G, Wang T, Fernandes-Arias J, Massarweh G, Vitali P, Zetterberg H, Blennow K, Saha-Chaudhuri P, Soucy JP, Gauthier S, Rosa- Neto P. Determining Amyloid- β Positivity Using ^{18}F -AZD4694 PET Imaging. *J Nucl Med.* 2021 Feb;62(2):247-252. doi: 10.2967/jnumed.120.245209. Epub 2020 Jul 31. PMID: 32737243.
- 183: Ali MB, Gu IY, Berger MS, Pallud J, Southwell D, Widhalm G, Roux A, Vecchio TG, Jakola AS. Domain Mapping and Deep Learning from Multiple MRI Clinical Datasets for Prediction of Molecular Subtypes in low-grade glioma s. *Brain Sci.* 2020 Jul 18;10(7):463. doi: 10.3390/brainsci10070463. PMID: 32708419; PMCID: PMC7408150.
- 184: Jakobsson S, Olsson DS, Andersson E, Hallén T, Krabbe D, Olofsson AC, Ragnarsson O, Skoglund T, Johannsson G, Jakobsson Ung E. Extended Support Within a Person-Centered Practice After Surgery for Patients With Pituitary Tumors: Protocol for a Quasiexperimental Study. *JMIR Res Protoc.* 2020 Jul 21;9(7):e17697. doi: 10.2196/17697. PMID: 32706741; PMCID: PMC7404015.
- 185: Lampinen B, Zampeli A, Björkman-Burtscher IM, Szczepankiewicz F, Källén K, Compagno Strandberg M, Nilsson M. Tensor-valued diffusion MRI differentiates cortex and white matter in malformations of cortical development associated with epilepsy. *Epilepsia.* 2020 Aug;61(8):1701-1713. doi: 10.1111/epi.16605. Epub 2020 Jul 15. PMID: 32667688; PMCID: PMC7963222.
- 186: O'Connor A, Karikari TK, Poole T, Ashton NJ, Lantero Rodriguez J, Khatun A, Swift I, Heslegrave AJ, Abel E, Chung E, Weston PSJ, Pavisic IM, Ryan NS, Barker S, Rossor MN, Polke JM, Frost C, Mead S, Blennow K, Zetterberg H, Fox NC. Plasma phospho-tau181 in presymptomatic and symptomatic familial Alzheimer's disease: a longitudinal cohort study. *Mol Psychiatry.* 2021 Oct;26(10):5967-5976. doi: 10.1038/s41380-020-0838-x. Epub 2020 Jul 14. PMID: 32665603; PMCID: PMC7612227.
- 187: Mathiesen T, Arraez M, Asser T, Balak N, Barazi S, Bernucci C, Bolger C, Broekman MLD, Demetriades AK, Feldman Z, Fontanella MM, Foroglou N, Lafuente J, Maier AD, Meyer B, Niemelä M, Roche PH, Sala F, Samprón N, Sandvik U, Schaller K, Thome C, Thys M, Tisell M, Vajkoczy P, Visocchi M; EANS Ethico-legal committee. A snapshot of European neurosurgery December 2019 vs. March 2020: just before and during the Covid-19 pandemic. *Acta Neurochir (Wien).* 2020 Sep;162(9):2221-2233. doi: 10.1007/s00701-020-04482-8. Epub 2020 Jul 8. PMID: 32642834; PMCID: PMC7343382.
- 188: Lorenzano S, Kremer C, Pavlovic A, Jovanovic DR, Sandset EC, Christensen H, Bushnell C, Arsovska A, Sprigg N, Roffe C, Ijäs P, Gdovinova Z, Alexandrov A, Zedde M, Tassi R, Acciaresi M, Lantz M, Sunnerhagen K, Zarkov M, Rantanen K, Perren F, Iversen HK, Kruuse C, Slowik A, Palazzo P, Korv J, Fromm A, Lovrencic- Huzjan A, Korompoki E, Fonseca AC, Gall SL, Brunner F, Caso V, Sacco S; SiPP Trial Investigators and ESO-WISE Group. SiPP (Stroke in Pregnancy and Postpartum): A prospective, observational, international, multicentre study on pathophysiological mechanisms, clinical profile, management and outcome of cerebrovascular diseases in pregnant and postpartum women. *Eur Stroke J.* 2020 Jun;5(2):193-203. doi: 10.1177/2396987319893512. Epub 2019 Dec 6. PMID: 32637653; PMCID: PMC7313370.
- 189: Virhammar J, Kumlien E, Fällmar D, Frithiof R, Jackmann S, Sköld MK, Kadir M, Frick J, Lindeberg J,

Olivero-Reinius H, Ryttefors M, Cunningham JL, Wikström J, Grabowska A, Bondeson K, Bergquist J, Zetterberg H, Rostami E. Acute necrotizing encephalopathy with SARS-CoV-2 RNA confirmed in cerebrospinal fluid. *Neurology*. 2020 Sep 8;95(10):445-449. doi: 10.1212/WNL.00000000000010250. Epub 2020 Jun 25. PMID: 32586897; PMCID: PMC7538220.

190: Solheim O, Jakola AS. Quality of life outcomes in meningioma surgery. *Handb Clin Neurol*. 2020;170:311-321. doi: 10.1016/B978-0-12-822198-3.00050-1. PMID: 32586504.

191: Sugarman MA, Zetterberg H, Blennow K, Tripodis Y, McKee AC, Stein TD, Martin B, Palmisano JN, Steinberg EG, Simkin I, Budson AE, Killiany R, O'Connor MK, Au R, Qiu WWQ, Goldstein LE, Kowall NW, Mez J, Stern RA, Alosco ML. A longitudinal examination of plasma neurofilament light and total tau for the clinical detection and monitoring of Alzheimer's disease. *Neurobiol Aging*. 2020 Oct;94:60-70. doi: 10.1016/j.neurobiolaging.2020.05.011. Epub 2020 May 29. PMID: 32585491; PMCID: PMC7484086.

192: Lagerstedt L, Azurmendi L, Tenovuo O, Katila AJ, Takala RSK, Blennow K, Newcombe VFJ, Maanpää HR, Tallus J, Hossain I, van Gils M, Menon DK, Hutchinson PJ, Zetterberg H, Posti JP, Sanchez JC. Interleukin 10 and Heart Fatty Acid- Binding Protein as Early Outcome Predictors in Patients With Traumatic Brain Injury. *Front Neurol*. 2020 Jun 2;11:376. doi: 10.3389/fneur.2020.00376. PMID: 32581990; PMCID: PMC7280446.

193: Hermansen E, Austevoll IM, Hellum C, Storheim K, Myklebust TÅ, Aaen J, Banitalebi H, Anvar M, Rekeland F, Brox JI, Franssen E, Weber C, Solberg T, Haug KJ, Grundnes O, Brisby H, Indrekvam K. Comparable increases in dural sac area after three different posterior decompression techniques for lumbar spinal stenosis: radiological results from a randomized controlled trial in the NORDSTEN study. *Eur Spine J*. 2020 Sep;29(9):2254-2261. doi: 10.1007/s00586-020-06499-0. Epub 2020 Jun 18. PMID: 32556585.

194: Rydén I, Carstam L, Gulati S, Smits A, Sunnerhagen KS, Hellström P, Henriksson R, Bartek J Jr, Salvesen Ø, Jakola AS. Return to work following diagnosis of low-grade glioma: A nationwide matched cohort study. *Neurology*. 2020 Aug 18;95(7):e856-e866. doi: 10.1212/WNL.0000000000009982. Epub 2020 Jun 15. PMID: 32540938; PMCID: PMC7605502.

195: Staartjes VE, Broggi M, Zattra CM, Vasella F, Velz J, Schiavolin S, Serra C, Bartek J, Fletcher-Sandersjö A, Förander P, Kalasauskas D, Renovanz M, Ringel F, Brawanski KR, Kerschbaumer J, Freyschlag CF, Jakola AS, Sjøvik K, Solheim O, Schatlo B, Sachkova A, Bock HC, Hussein A, Rohde V, Broekman MLD, Nogaredo CO, Lemmens CMC, Kernbach JM, Neuloh G, Bozinov O, Krayenbühl N, Sarnthein J, Ferroli P, Regli L, Stienen MN; FEBNS. Development and external validation of a clinical prediction model for functional impairment after intracranial tumor surgery. *J Neurosurg*. 2020 Jun 12;134(6):1743-1750. doi: 10.3171/2020.4.JNS20643. PMID: 32534490.

196: Sassu P, Axelsson M, Vikingsson D. The Vitom three-dimensional exoscope as a potential alternative in hand and microsurgery. *J Hand Surg Eur Vol*. 2020 Nov;45(9):990-991. doi: 10.1177/1753193420929949. Epub 2020 Jun 12. PMID: 32529890.

197: Thurin E, Corell A, Gulati S, Smits A, Henriksson R, Bartek J Jr, Salvesen Ø, Jakola AS. Return to work following meningioma surgery: a Swedish nationwide registry-based matched cohort study. *Neurooncol Pract*. 2020 Jun;7(3):320-328. doi: 10.1093/nop/npz066. Epub 2019 Dec 16. PMID: 32528713; PMCID: PMC7274187.

198: Neikter J, Agerskov S, Hellström P, Tullberg M, Starck G, Ziegelitz D, Farahmand D. Ventricular Volume Is More Strongly Associated with Clinical Improvement Than the Evans Index after Shunting in Idiopathic Normal Pressure Hydrocephalus. *AJNR Am J Neuroradiol*. 2020 Jul;41(7):1187-1192. doi:

10.3174/ajnr.A6620. Epub 2020 Jun 11. PMID: 32527841; PMCID: PMC7357646.

199: Sigurdsson AP, Gunnarsson T, Thorisson HM, Olafsson IH, Gunnarsson GB. Lokun í botn- og hryggslagæð heila. Sjúkratilfelli og yfirlit [Occlusion of the vertebrobasilar artery. Case presentation and literature review]. Laeknabladid. 2020 Jun;106(6):302-309. Icelandic. doi: 10.17992/ibl.2020.06.586. PMID: 32491992.

200: Sylvén I, Olsson I, Hallböök T, Rydenhag B, Reilly C. 'In the best case seizure-free' - Parental hopes and worries before and satisfaction after their child's epilepsy surgery. Epilepsy Behav. 2020 Sep;110:107153. doi: 10.1016/j.yebeh.2020.107153. Epub 2020 May 29. PMID: 32480305.

201: Hossain I, Mohammadian M, Takala RSK, Tenovuo O, Azurmendi Gil L, Frantzén J, van Gils M, Hutchinson PJ, Katila AJ, Maanpää HR, Menon DK, Newcombe VF, Tallus J, Hrusovsky K, Wilson DH, Gill J, Blennow K, Sanchez JC, Zetterberg H, Posti JP. Admission Levels of Total Tau and β -Amyloid Isoforms 1-40 and 1-42 in Predicting the Outcome of Mild Traumatic Brain Injury. Front Neurol. 2020 May 13;11:325. doi: 10.3389/fneur.2020.00325. PMID: 32477238; PMCID: PMC7237639.

202: Gatzinsky K, Johansson E, Jennische E, Oshalim M, Lange S. Elevated intracranial pressure after head trauma can be suppressed by antiseptory factor-a pilot study. Acta Neurochir (Wien). 2020 Jul;162(7):1629-1637. doi: 10.1007/s00701-020-04407-5. Epub 2020 May 22. PMID: 32445122; PMCID: PMC7295841.

203: Corell A, Ferreyra Vega S, Hoefling N, Carstam L, Smits A, Olsson Bontell T, Björkman-Burtscher IM, Carén H, Jakola AS. The clinical significance of the T2-FLAIR mismatch sign in grade II and III gliomas: a population-based study. BMC Cancer. 2020 May 20;20(1):450. doi: 10.1186/s12885-020-06951-w. PMID: 32434559; PMCID: PMC7238512.

204: Bartek J Jr, Dhawan S, Thurin E, Alattar A, Gulati S, Rydenhag B, Henriksson R, Chen CC, Jakola AS. Short-term outcome following surgery for rare brain tumor entities in adults: a Swedish nationwide registry-based study and comparison with SEER database. J Neurooncol. 2020 Jun;148(2):281-290. doi: 10.1007/s11060-020-03490-z. Epub 2020 May 19. PMID: 32424575; PMCID: PMC7316679.

205: Gafson AR, Barthélemy NR, Bomont P, Carare RO, Durham HD, Julien JP, Kuhle J, Leppert D, Nixon RA, Weller RO, Zetterberg H, Matthews PM. Neurofilaments: neurobiological foundations for biomarker applications. Brain. 2020 Jul 1;143(7):1975-1998. doi: 10.1093/brain/awaa098. PMID: 32408345; PMCID: PMC7363489.

206: Kiesel B, Thomé CM, Weiss T, Jakola AS, Darlix A, Pellerino A, Furtner J, Kerschbaumer J, Freyschlag CF, Wick W, Preusser M, Widhalm G, Berghoff AS. Perioperative imaging in patients treated with resection of brain metastases: a survey by the European Association of Neuro-Oncology (EANO) Youngsters committee. BMC Cancer. 2020 May 12;20(1):410. doi: 10.1186/s12885-020-06897-z. PMID: 32398144; PMCID: PMC7216695.

207: Manniche C, Simonsen AH, Hasselbalch SG, Andreasson U, Zetterberg H, Blennow K, Høgh P, Juhler M, Hejl AM. Cerebrospinal Fluid Biomarkers to Differentiate Idiopathic Normal Pressure Hydrocephalus from Subcortical Ischemic Vascular Disease. J Alzheimers Dis. 2020;75(3):937-947. doi: 10.3233/JAD-200036. PMID: 32390628.

208: Skyrman S, Bartek J Jr, Haghighi M, Fornebo I, Skoglund T, Jakola AS, von Vogelsang AC, Förander P. Preoperative antibiotic prophylaxis regimen in brain tumour surgery in Sweden: a quasi-experimental study. Acta Neurochir (Wien). 2020 Nov;162(11):2849-2856. doi: 10.1007/s00701-020-04309-6. Epub 2020 May 7. PMID: 32383013; PMCID: PMC7550315.

209: Uche EO, Ryttefjors M, Tisell M. Scaling Up Global Collaborations for Neurosurgical Education and Care Capacity Development in West Africa: Are There Low-Hanging Fruits Where It Tolls? *World Neurosurg.* 2020 Jul;139:512-518. doi: 10.1016/j.wneu.2020.04.187. Epub 2020 May 4. PMID: 32380336.

210: Garland P, Morton MJ, Haskins W, Zolnourian A, Durnford A, Gaastra B, Toombs J, Heslegrave AJ, More J, Okemefuna AI, Teeling JL, Graversen JH, Zetterberg H, Moestrup SK, Bulters DO, Galea I. Haemoglobin causes neuronal damage *in vivo* which is preventable by haptoglobin. *Brain Commun.* 2020 Jan 3;2(1):fcz053. doi: 10.1093/braincomms/fcz053. PMID: 32346673; PMCID: PMC7188517.

211: Savolainen M, Pekkola J, Mustanoja S, Tyni T, Hernesniemi J, Kivipelto L, Tatlisumak T. Moyamoya angiopathy: radiological follow-up findings in Finnish patients. *J Neurol.* 2020 Aug;267(8):2301-2306. doi: 10.1007/s00415-020-09837-w. Epub 2020 Apr 22. PMID: 32322979; PMCID: PMC7358936.

212: Ekström L, Zhang Q, Abrahamson J, Beck J, Johansson C, Westin O, Todd C, Baranto A. A model for evaluation of the electric activity and oxygenation in the erector spinae muscle during isometric loading adapted for spine patients. *J Orthop Surg Res.* 2020 Apr 17;15(1):155. doi: 10.1186/s13018-020-01652-3. PMID: 32303232; PMCID: PMC7165389.

213: Taghdiri F, Multani N, Ozzoude M, Tarazi A, Khodadadi M, Wennberg R, Mikulis D, Green R, Colella B, Davis KD, Blennow K, Zetterberg H, Tator C, Tartaglia MC. Neurofilament-light in former athletes: a potential biomarker of neurodegeneration and progression. *Eur J Neurol.* 2020 Jul;27(7):1170-1177. doi: 10.1111/ene.14251. Epub 2020 May 8. PMID: 32281206.

214: Ny L, Rizzo LY, Belgrano V, Karlsson J, Jespersen H, Carstam L, Olofsson Bagge R, Nilsson LM, Nilsson JA. Corrigendum to 'Supporting clinical decision making in advanced melanoma by preclinical testing in personalized immune- humanized xenograft mouse models': *Annals of Oncology* Volume 31, Issue 2, Pages 266-273. *Ann Oncol.* 2020 May;31(5):663. doi: 10.1016/j.annonc.2020.03.292. Epub 2020 Apr 3. Erratum for: *Ann Oncol.* 2020 Feb;31(2):266-273. PMID: 32249129.

215: Bjerkne Wenneberg S, Löwhagen Hendén PM, Oras J, Naredi S, Block L, Ljungqvist J, Odenstedt Hergès H. Heart rate variability monitoring for the detection of delayed cerebral ischemia after aneurysmal subarachnoid hemorrhage. *Acta Anaesthesiol Scand.* 2020 Aug;64(7):945-952. doi: 10.1111/aas.13582. Epub 2020 Apr 19. PMID: 32236937.

216: Dorfer C, Rydenhag B, Baltuch G, Buch V, Blount J, Bollo R, Gerrard J, Nilsson D, Roessler K, Rutka J, Sharan A, Spencer D, Cukiert A. How technology is driving the landscape of epilepsy surgery. *Epilepsia.* 2020 May;61(5):841-855. doi: 10.1111/epi.16489. Epub 2020 Mar 29. PMID: 32227349; PMCID: PMC7317716.

217: Thomson S, Huygen F, Prangnell S, De Andrés J, Baranidharan G, Belaïd H, Berry N, Billet B, Cooil J, De Carolis G, Demartini L, Eldabe S, Gatzinsky K, Kallewaard JW, Meier K, Paroli M, Stark A, Winkel Müller M, Stoevelaar H. Appropriate referral and selection of patients with chronic pain for spinal cord stimulation: European consensus recommendations and e-health tool. *Eur J Pain.* 2020 Jul;24(6):1169-1181. doi: 10.1002/ejp.1562. Epub 2020 Apr 4. PMID: 32187774; PMCID: PMC7318692.

218: Banerjee G, Ambler G, Keshavan A, Paterson RW, Foiani MS, Toombs J, Heslegrave A, Dickson JC, Fraioli F, Groves AM, Lunn MP, Fox NC, Zetterberg H, Schott JM, Werring DJ. Cerebrospinal Fluid Biomarkers in Cerebral Amyloid Angiopathy. *J Alzheimers Dis.* 2020;74(4):1189-1201. doi: 10.3233/JAD-191254. PMID: 32176643; PMCID: PMC7242825.

- 219: Pettersson N, Oderinde OM, Murphy J, Simpson D, Cerviño LI. Intrafractional relationship changes between an external breathing signal and fiducial marker positions in pancreatic cancer patients. *J Appl Clin Med Phys*. 2020 Mar;21(3):153-161. doi: 10.1002/acm2.12841. Epub 2020 Mar 14. PMID: 32170900; PMCID: PMC7075406.
- 220: Tsivgoulis G, Goyal N, Katsanos AH, Malhotra K, Ishfaq MF, Pandhi A, Frohler MT, Spiotta AM, Anadani M, Psychogios M, Maus V, Siddiqui A, Waqas M, Schellinger PD, Groen M, Krogias C, Richter D, Saqqur M, Garcia-Bermejo P, Mokin M, Leker R, Cohen JE, Magoufis G, Psychogios K, Lioutas VA, Van Nostrand M, Sharma VK, Paciaroni M, Rentzos A, Shoirah H, Mocco J, Nickele C, Mitsias PD, Inoa V, Hoit D, Eljovich L, Arthur AS, Alexandrov AV. Intravenous thrombolysis for large vessel or distal occlusions presenting with mild stroke severity. *Eur J Neurol*. 2020 Jun;27(6):1039-1047. doi: 10.1111/ene.14199. Epub 2020 Mar 23. PMID: 32149450.
- 221: Jakola AS, Sagberg LM, Gulati S, Solheim O. Advancements in predicting outcomes in patients with glioma: a surgical perspective. *Expert Rev Anticancer Ther*. 2020 Mar;20(3):167-177. doi: 10.1080/14737140.2020.1735367. Epub 2020 Mar 2. PMID: 32114857.
- 222: Werlenius K, Fekete B, Blomstrand M, Carén H, Jakola AS, Rydenhag B, Smits A. Patterns of care and clinical outcome in assumed glioblastoma without tissue diagnosis: A population-based study of 131 consecutive patients. *PLoS One*. 2020 Feb 13;15(2):e0228480. doi: 10.1371/journal.pone.0228480. PMID: 32053655; PMCID: PMC7017992.
- 223: Söderlund Diaz L, Hallqvist A. LINAC-based stereotactic radiosurgery versus hypofractionated stereotactic radiotherapy delivered in 3 or 5 fractions for vestibular schwannomas: comparative assessment from a single institution. *J Neurooncol*. 2020 Apr;147(2):351-359. doi: 10.1007/s11060-020-03423-w. Epub 2020 Feb 8. PMID: 32036575.
- 224: Einarsdottir BO, Karlsson J, Söderberg EMV, Lindberg MF, Funck-Brentano E, Jespersen H, Brynjolfsson SF, Bagge RO, Carstam L, Scobie M, Koolmeister T, Wallner O, Stierner U, Berglund UW, Ny L, Nilsson LM, Larsson E, Helleday T, Nilsson JA. Correction: A patient-derived xenograft pre-clinical trial reveals treatment responses and a resistance mechanism to karonudib in metastatic melanoma. *Cell Death Dis*. 2020 Feb 6;11(2):99. doi: 10.1038/s41419-020-2301-y. Erratum for: *Cell Death Dis*. 2018 Jul 24;9(8):810. PMID: 32029719; PMCID: PMC7005267.
- 225: Edlmann E, Holl DC, Lingsma HF, Bartek J Jr, Bartley A, Duerinck J, Jensen TSR, Soleman J, Shanbhag NC, Devi BI, Laeke T, Rubiano AM, Fugleholm K, van der Veken J, Tisell M, Hutchinson PJ, Dammers R, Koliass AG; International Collaborative Research Initiative on Chronic Subdural Haematoma (iCORIC) study group. Systematic review of current randomised control trials in chronic subdural haematoma and proposal for an international collaborative approach. *Acta Neurochir (Wien)*. 2020 Apr;162(4):763-776. doi: 10.1007/s00701-020-04218-8. Epub 2020 Feb 6. PMID: 32025806.
- 226: Mansoor N, Madsbu MA, Mansoor NM, Trønnes AN, Fredriksli OA, Salvesen Ø, Jakola AS, Solheim O, Gulati S. Accuracy and complication rates of external ventricular drain placement with twist drill and bolt system versus standard trephine and tunnelation: a retrospective population-based study. *Acta Neurochir (Wien)*. 2020 Apr;162(4):755-761. doi: 10.1007/s00701-020-04247-3. Epub 2020 Feb 4. PMID: 32020298; PMCID: PMC7066093.
- 227: Näslund O, Skoglund T, Farahmand D, Bontell TO, Jakola AS. Indications and outcome in surgically treated asymptomatic meningiomas: a single-center case- control study. *Acta Neurochir (Wien)*. 2020 Sep;162(9):2155-2163. doi: 10.1007/s00701-020-04244-6. Epub 2020 Feb 3. PMID: 32016587; PMCID: PMC7415028.

228: Orme T, Hernandez D, Ross OA, Kun-Rodrigues C, Darwent L, Shepherd CE, Parkkinen L, Ansorge O, Clark L, Honig LS, Marder K, Lemstra A, Rogaeva E, St George-Hyslop P, Londos E, Zetterberg H, Morgan K, Troakes C, Al-Sarraj S, Lashley T, Holton J, Compta Y, Van Deerlin V, Trojanowski JQ, Serrano GE, Beach TG, Lesage S, Galasko D, Masliah E, Santana I, Pastor P, Tienari PJ, Myllykangas L, Oinas M, Revesz T, Lees A, Boeve BF, Petersen RC, Ferman TJ, Escott-Price V, Graff-Radford N, Cairns NJ, Morris JC, Pickering-Brown S, Mann D, Halliday G, Stone DJ, Dickson DW, Hardy J, Singleton A, Guerreiro R, Bras J. Analysis of neurodegenerative disease-causing genes in dementia with Lewy bodies. *Acta Neuropathol Commun*. 2020 Jan 29;8(1):5. doi: 10.1186/s40478-020-0879-z. PMID: 31996268; PMCID: PMC6990558.

229: Skjulsvik AJ, Bø HK, Jakola AS, Berntsen EM, Bø LE, Reinertsen I, Myrnes KS, Sjøvik K, Åberg K, Berg T, Dai HY, Kloster R, Torp SH, Solheim O. Is the anatomical distribution of low-grade gliomas linked to regions of gliogenesis? *J Neurooncol*. 2020 Mar;147(1):147-157. doi: 10.1007/s11060-020-03409-8. Epub 2020 Jan 25. PMID: 31983026; PMCID: PMC7075820.

230: Schei S, Solheim O, Jakola AS, Sagberg LM. Perioperative fatigue in patients with diffuse glioma. *J Neurooncol*. 2020 Mar;147(1):97-107. doi: 10.1007/s11060-020-03403-0. Epub 2020 Jan 23. PMID: 31974804; PMCID: PMC7075831.

231: Ny L, Rizzo LY, Belgrano V, Karlsson J, Jespersen H, Carstam L, Bagge RO, Nilsson LM, Nilsson JA. Supporting clinical decision making in advanced melanoma by preclinical testing in personalized immune-humanized xenograft mouse models. *Ann Oncol*. 2020 Feb;31(2):266-273. doi: 10.1016/j.annonc.2019.11.002. Epub 2020 Jan 3. Erratum in: *Ann Oncol*. 2020 Apr 2;: PMID: 31959343.

232: Schepke E, Tisell M, Kennedy C, Puget S, Ferroli P, Chevignard M, Doz F, Pizer B, Rutkowski S, Massimino M, Navajas A, Schwalbe E, Hicks D, Clifford SC, Pietsch T, Lannering B. Effects of the growth pattern of medulloblastoma on short-term neurological impairments after surgery: results from the prospective multicenter HIT-SIOP PNET 4 study. *J Neurosurg Pediatr*. 2020 Jan 17:1-9. doi: 10.3171/2019.11.PEDS19349. Epub ahead of print. PMID: 31952041.

233: Heller C, Foiani MS, Moore K, Convery R, Bocchetta M, Neason M, Cash DM, Thomas D, Greaves CV, Woollacott IO, Shafei R, Van Swieten JC, Moreno F, Sanchez-Valle R, Borroni B, Laforce R Jr, Masellis M, Tartaglia MC, Graff C, Galimberti D, Rowe JB, Finger E, Synofzik M, Vandenberghe R, de Mendonca A, Tagliavini F, Santana I, Ducharme S, Butler CR, Gerhard A, Levin J, Danek A, Frisoni G, Sorbi S, Otto M, Heslegrave AJ, Zetterberg H, Rohrer JD; GENFI. Plasma glial fibrillary acidic protein is raised in progranulin-associated frontotemporal dementia. *J Neurol Neurosurg Psychiatry*. 2020 Mar;91(3):263-270. doi: 10.1136/jnnp-2019-321954. Epub 2020 Jan 14. PMID: 31937580.

234: Mullin S, Smith L, Lee K, D'Souza G, Woodgate P, Elflein J, Hällqvist J, Toffoli M, Streeter A, Hosking J, Heywood WE, Khengar R, Campbell P, Hehir J, Cable S, Mills K, Zetterberg H, Limousin P, Libri V, Foltynie T, Schapira AHV. Amboxol for the Treatment of Patients With Parkinson Disease With and Without Glucocerebrosidase Gene Mutations: A Nonrandomized, Noncontrolled Trial. *JAMA Neurol*. 2020 Apr 1;77(4):427-434. doi: 10.1001/jamaneurol.2019.4611. PMID: 31930374; PMCID: PMC6990847.

235: Jakola AS, Bouget D, Reinertsen I, Skjulsvik AJ, Sagberg LM, Bø HK, Gulati S, Sjøvik K, Solheim O. Spatial distribution of malignant transformation in patients with low-grade glioma. *J Neurooncol*. 2020 Jan;146(2):373-380. doi: 10.1007/s11060-020-03391-1. Epub 2020 Jan 9. PMID: 31915981; PMCID: PMC6971181.

236: Petzold A, Lu CH, Groves M, Gobom J, Zetterberg H, Shaw G, O'Connor S. Protein aggregate

formation permits millennium-old brain preservation. *J R Soc Interface*. 2020 Jan;17(162):20190775. doi: 10.1098/rsif.2019.0775. Epub 2020 Jan 8. PMID: 31910770; PMCID: PMC7014809.

237: Uche EO, Mezue WC, Ajuzieogu O, Amah CC, Onyia E, Iloabachie I, Ryttefors M, Tisell M. Improving capacity and access to neurosurgery in sub-Saharan Africa using a twinning paradigm pioneered by the Swedish African Neurosurgical Collaboration. *Acta Neurochir (Wien)*. 2020 May;162(5):973-981. doi: 10.1007/s00701-019-04207-6. Epub 2020 Jan 4. PMID: 31902003.

238: Silvis SM, Reinstra E, Hiltunen S, Lindgren E, Heldner MR, Mansour M, Ghiasian M, Jood K, Zuurbier SM, Groot AE, Arnold M, Barboza MA, Arauz A, Putaala J, Tatlisumak T, Coutinho JM; International CVT Consortium. Anaemia at admission is associated with poor clinical outcome in cerebral venous thrombosis. *Eur J Neurol*. 2020 Apr;27(4):716-722. doi: 10.1111/ene.14148. Epub 2020 Jan 24. PMID: 31883169; PMCID: PMC7155011.

239: Carstam L, Rydén I, Gulati S, Rydenhag B, Henriksson R, Salvesen Ø, Smits A, Jakola AS. Socioeconomic factors affect treatment delivery for patients with low-grade glioma : a Swedish population-based study. *J Neurooncol*. 2020 Jan;146(2):329-337. doi: 10.1007/s11060-019-03378-7. Epub 2019 Dec 27. PMID: 31883050; PMCID: PMC6971149.

240: Sörbo A, Eiving I, Theodorsson E, Rydenhag B, Jonsdottir IH. Pre-traumatic conditions can influence cortisol levels before and after a brain injury. *Acta Neurol Scand*. 2020 Apr;141(4):342-350. doi: 10.1111/ane.13212. Epub 2020 Jan 9. PMID: 31879940.

241: Rejnö-Habte Selassie G, Pegenius G, Karlsson T, Viggedal G, Hallböök T, Elam M. Cortical mapping of receptive language processing in children using navigated transcranial magnetic stimulation. *Epilepsy Behav*. 2020 Feb;103(Pt A):106836. doi: 10.1016/j.yebeh.2019.106836. Epub 2019 Dec 13. PMID: 31839497.

242: Haraldseide LM, Jakola AS, Solheim O, Sagberg LM. Does preoperative health- related quality of life predict survival in high-grade glioma patients? - a prospective study. *Br J Neurosurg*. 2020 Feb;34(1):28-34. doi: 10.1080/02688697.2019.1698011. Epub 2019 Dec 6. PMID: 31809598.

243: Bartley A, Jakola AS, Tisell M. The influence of irrigation fluid temperature on recurrence in the evacuation of chronic subdural hematoma. *Acta Neurochir (Wien)*. 2020 Mar;162(3):485-488. doi: 10.1007/s00701-019-04150-6. Epub 2019 Dec 4. PMID: 31802278; PMCID: PMC7046579.

244: Bjellvi J, Edelvik Tranberg A, Rydenhag B, Malmgren K. Risk Factors for Seizure Worsening After Epilepsy Surgery in Children and Adults: A Population- Based Register Study. *Neurosurgery*. 2020 Sep 15;87(4):704-711. doi: 10.1093/neuros/nyz488. PMID: 31792497; PMCID: PMC7490157.

245: Leiss L, Mega A, Olsson Bontell T, Nistér M, Smits A, Corvigno S, Rahman MA, Enger PØ, Miletic H, Östman A. Platelet-derived growth factor receptor α /glial fibrillary acidic protein expressing peritumoral astrocytes associate with shorter median overall survival in glioblastoma patients. *Glia*. 2020 May;68(5):979-988. doi: 10.1002/glia.23756. Epub 2019 Nov 26. PMID: 31769546.

246: Reilly C, Hallböök T, Viggedal G, Rydenhag B, Uvebrant P, Olsson I. Parent reported health related quality of life (HRQoL) and behaviour in young people with epilepsy before and two years after epilepsy surgery. *Seizure*. 2020 Jan;74:1-7. doi: 10.1016/j.seizure.2019.11.004. Epub 2019 Nov 11. PMID: 31760145.

247: Krogager ME, Jakola AS, Poulsgaard L, Couldwell W, Mathiesen T. Safe handling of veins in the pineal region-a mixed method study. *Neurosurg Rev*. 2021 Feb;44(1):317-325. doi: 10.1007/s10143-019-01189-y. Epub 2019 Nov 15. PMID: 31729586.

248: Ekker MS, Jacob MA, van Dongen MME, Aarnio K, Annamalai AK, Arauz A, Arnold M, Barboza MA, Bolognese M, Brouns R, Chuluun B, Chuluunbaatar E, Dagvajantsan B, Debette S, Don A, Enzinger C, Ekizoglu E, Fandler-Höfler S, Fazekas F, Fromm A, Gattringer T, Gulli G, Hoffmann M, Hora TF, Jern C, Jood K, Kamouchi M, Kim YS, Kitazono T, Kittner SJ, Kleinig TJ, Klijn CJM, Korv J, Lee TH, Leys D, Maaijwee NAM, Martinez-Majander N, Marto JP, Mehndiratta MM, Mifsud V, Montanaro VV, Owolabi MO, Patel VB, Phillips MC, Piechowski-Jozwiak B, Pikula A, Ruiz- Sandoval JL, Sarnowski B, Schreuder FHBM, Swartz RH, Tan KS, Tanne D, Tatlisumak T, Thijs V, Tuladhar AM, Viana-Baptista M, Vibo R, Wu TY, Yesilot N, Waje- Andreassen U, Pezzini A, Putaala J, de Leeuw FE. Global Outcome Assessment Life-long after stroke in young adults initiative-the GOAL initiative: study protocol and rationale of a multicentre retrospective individual patient data meta- analysis. *BMJ Open*. 2019 Nov 14;9(11):e031144. doi: 10.1136/bmjopen-2019-031144. Erratum in: *BMJ Open*. 2020 Jul 5;10(7):e031144corr1. PMID: 31727655; PMCID: PMC6887075.

249: Rosenlund L, Degsell E, Jakola AS. Moving from clinician-defined to patient-reported outcome measures for survivors of high-grade glioma. *Patient Relat Outcome Meas*. 2019 Aug 23;10:267-276. doi: 10.2147/PROM.S179313. PMID: 31692481; PMCID: PMC6711557.

250: Douglas A, Fitzgerald S, Mereuta OM, Rossi R, O'Leary S, Pandit A, McCarthy R, Gilvarry M, Holmegaard L, Abrahamsson M, Jerndal M, Dehlfors N, Brennan P, Power S, O'Hare A, Griffin E, Kallmes DF, Brinjikji W, Szikora I, Tatlisumak T, Rentzos A, Thornton J, Doyle K. Platelet-rich emboli are associated with von Willebrand factor levels and have poorer revascularization outcomes. *J Neurointerv Surg*. 2020 Jun;12(6):557-562. doi: 10.1136/neurintsurg-2019-015410. Epub 2019 Nov 4. PMID: 31685695.

251: Benedet AL, Ashton NJ, Pascoal TA, Leuzy A, Mathotaarachchi S, Kang MS, Therriault J, Savard M, Chamoun M, Schöll M, Zimmer ER, Gauthier S, Labbe A, Zetterberg H, Blennow K, Neto PR. Plasma neurofilament light associates with Alzheimer's disease metabolic decline in amyloid-positive individuals. *Alzheimers Dement (Amst)*. 2019 Sep 27;11:679-689. doi: 10.1016/j.dadm.2019.08.002. PMID: 31673598; PMCID: PMC6816316.

252: Almotairi FS, Tisell M. Acute deterioration of adults with Chiari I malformation associated with extensive syrinx. *Br J Neurosurg*. 2020 Feb;34(1):13-17. doi: 10.1080/02688697.2019.1684438. Epub 2019 Oct 31. PMID: 31668085.

253: Carrwik C, Olerud C, Robinson Y. Predictive Scores Underestimate Survival of Patients With Metastatic Spine Disease: A Retrospective Study of 315 Patients in Sweden. *Spine (Phila Pa 1976)*. 2020 Mar 15;45(6):414-419. doi: 10.1097/BRS.0000000000003289. PMID: 31651680.

254: Saller T, Petzold A, Zetterberg H, Kuhle J, Chappell D, von Dossow V, Klawitter F, Schurholz T, Hagl C, Reuter DA, Zwissler B, Ehler J. A case series on the value of tau and neurofilament protein levels to predict and detect delirium in cardiac surgery patients. *Biomed Pap Med Fac Univ Palacky Olomouc Czech Repub*. 2019 Sep;163(3):241-246. doi: 10.5507/bp.2019.043. Epub 2019 Sep 16. PMID: 31530945.

255: Wiafe BA, Karekezi C, Jaklitsch MT, Audisio RA. Perspectives on surgical oncology in Africa. *Eur J Surg Oncol*. 2020 Jan;46(1):3-5. doi: 10.1016/j.ejso.2019.09.003. Epub 2019 Sep 10. PMID: 31521388.

256: Wennberg P, Möller M, Herlitz J, Kenne Sarenmalm E. Fascia iliaca compartment block as a preoperative analgesic in elderly patients with hip fractures - effects on cognition. *BMC Geriatr*. 2019 Sep 11;19(1):252. doi: 10.1186/s12877-019-1266-0. PMID: 31510918; PMCID: PMC6739926.

257: Li J, Xue Y, Wenger A, Sun Y, Wang Z, Zhang C, Zhang Y, Fekete B, Rydenhag B, Jakola AS, Jiang

T, Carén H, Fan X. Individual Assignment of Adult Diffuse Gliomas into the EM/PM Molecular Subtypes Using a TaqMan Low-Density Array. *Clin Cancer Res*. 2019 Dec 1;25(23):7068-7077. doi: 10.1158/1078-0432.CCR-19-0299. Epub 2019 Sep 3. PMID: 31481507.

258: Fahlström A, Nittby Redebrandt H, Zeberg H, Bartek J Jr, Bartley A, Tobieson L, Erkki M, Hessington A, Troberg E, Mirza S, Tsitsopoulos PP, Marklund N. A grading scale for surgically treated patients with spontaneous supratentorial intracerebral hemorrhage: the Surgical Swedish ICH Score. *J Neurosurg*. 2019 Aug 23:1-8. doi: 10.3171/2019.5.JNS19622. Epub ahead of print. PMID: 31443074.

259: Sundström J, Söderholm M, Söderberg S, Alfredsson L, Andersson M, Bellocco R, Björck M, Broberg P, Eriksson M, Eriksson M, Forsberg B, Fransson EI, Giedraitis V, Theorell-Haglöw J, Hallqvist J, Hansson PO, Heller S, Håkansson N, Ingelsson M, Janson C, Järvholm B, Khalili P, Knutsson A, Lager A, Lagerros YT, Larsson SC, Leander K, Leppert J, Lind L, Lindberg E, Magnusson C, Magnusson PKE, Malfert M, Michaëlsson K, Nilsson P, Olsson H, Pedersen NL, Pennlert J, Rosenblad A, Rosengren A, Torén K, Wanhainen A, Wolk A, Engström G, Svennblad B, Wiberg B. Risk factors for subarachnoid haemorrhage: a nationwide cohort of 950 000 adults. *Int J Epidemiol*. 2019 Dec 1;48(6):2018-2025. doi: 10.1093/ije/dyz163. PMID: 31363756.

260: Gatzinsky K, Eldabe S, Deneuville JP, Duyvendak W, Naiditch N, Van Buyten JP, Rigoard P. Optimizing the Management and Outcomes of Failed Back Surgery Syndrome: A Proposal of a Standardized Multidisciplinary Team Care Pathway. *Pain Res Manag*. 2019 Jul 8;2019:8184592. doi: 10.1155/2019/8184592. PMID: 31360272; PMCID: PMC6644221.

261: Palsson SH, Engstrom C, Enochsson L, Osterlund E, Sandblom G. Risk factors for postoperative myocardial infarct following cholecystectomy: a population- based study. *HPB (Oxford)*. 2020 Jan;22(1):34-40. doi: 10.1016/j.hpb.2019.06.018. Epub 2019 Jul 18. PMID: 31327561.

262: Bersch I, Koch-Borner S, Fridén J. Motor Point Topography of Fundamental Grip Actuators in Tetraplegia: Implications in Nerve Transfer Surgery. *J Neurotrauma*. 2020 Feb 1;37(3):441-447. doi: 10.1089/neu.2019.6444. Epub 2019 Aug 1. PMID: 31237477.

263: Bridel C, van Wieringen WN, Zetterberg H, Tijms BM, Teunissen CE; and the NFL Group, Alvarez-Cermeño JC, Andreasson U, Axelsson M, Bäckström DC, Bartos A, Bjerke M, Blennow K, Boxer A, Brundin L, Burman J, Christensen T, Fialová L, Forsgren L, Frederiksen JL, Gisslén M, Gray E, Gunnarsson M, Hall S, Hansson O, Herbert MK, Jakobsson J, Jessen-Krut J, Janelidze S, Johannsson G, Jonsson M, Kappos L, Khademi M, Khalil M, Kuhle J, Landén M, Leinonen V, Logroscino G, Lu CH, Lycke J, Magdalino NK, Malaspina A, Mattsson N, Meeter LH, Mehta SR, Modvig S, Olsson T, Paterson RW, Pérez-Santiago J, Piehl F, Pijnenburg YAL, Pyykkö OT, Ragnarsson O, Rojas JC, Romme Christensen J, Sandberg L, Scherling CS, Schott JM, Sellebjerg FT, Simone IL, Skillbäck T, Stilund M, Sundström P, Svenningsson A, Tortelli R, Tortorella C, Trentini A, Troiano M, Turner MR, van Swieten JC, Vågberg M, Verbeek MM, Villar LM, Visser PJ, Wallin A, Weiss A, Wikkelsø C, Wild EJ. Diagnostic Value of Cerebrospinal Fluid Neurofilament Light Protein in Neurology: A Systematic Review and Meta-analysis. *JAMA Neurol*. 2019 Sep 1;76(9):1035-1048. doi: 10.1001/jamaneurol.2019.1534. PMID: 31206160; PMCID: PMC6580449.

264: Chelban V, Wilson MP, Warman Chardon J, Vandrovcova J, Zanetti MN, Zamba- Papanicolaou E, Efthymiou S, Pope S, Conte MR, Abis G, Liu YT, Tribollet E, Haridy NA, Botía JA, Ryten M, Nicolaou P, Minaidou A, Christodoulou K, Kernohan KD, Eaton A, Osmond M, Ito Y, Bourque P, Jepson JEC, Bello O, Bremner F, Cordivari C, Reilly MM, Foiani M, Heslegrave A, Zetterberg H, Heales SJR, Wood NW, Rothman JE, Boycott KM, Mills PB, Clayton PT, Houlden H; Care4Rare Canada Consortium and the SYNAPS Study Group. PDXK mutations cause polyneuropathy responsive to pyridoxal 5'-phosphate supplementation. *Ann Neurol*. 2019 Aug;86(2):225-240. doi: 10.1002/ana.25524. Epub 2019 Jul 1.

PMID: 31187503; PMCID: PMC6772106.

265: Jusufovic M, Berge TE, Guo R, You S, Delcourt C, Anderson C, Bath PM, Karlson BW, Berge E, Sandset EC; Scandinavian Candesartan Acute Stroke Trial (SCAST) Study Group. Effects of Candesartan in the Acute Phase of Intracerebral Hemorrhage. *J Stroke Cerebrovasc Dis.* 2019 Aug;28(8):2262-2267. doi: 10.1016/j.jstrokecerebrovasdis.2019.05.010. Epub 2019 Jun 6. PMID: 31178359.

266: Tauziède-Espariat A, Debily MA, Castel D, Grill J, Puget S, Sabel M, Blomgren K, Gareton A, Dangouloff-Ros V, Lechapt E, Boddaert N, Varlet P. An integrative radiological, histopathological and molecular analysis of pediatric pontine histone-wildtype glioma with MYCN amplification (HGG-MYCN). *Acta Neuropathol Commun.* 2019 Jun 10;7(1):87. doi: 10.1186/s40478-019-0738-y. Erratum in: *Acta Neuropathol Commun.* 2019 Aug 14;7(1):131. PMID: 31177990; PMCID: PMC6556947.

267: Jakobsson Ung E, Olofsson AC, Björkman I, Hallén T, Olsson DS, Ragnarsson O, Skoglund T, Jakobsson S, Johannsson G. The pre- and postoperative illness trajectory in patients with pituitary tumours. *Endocr Connect.* 2019 Jul;8(7):878-886. doi: 10.1530/EC-19-0202. PMID: 31176303; PMCID: PMC6599075.

268: Jeppsson A, Wikkelsö C, Blennow K, Zetterberg H, Constantinescu R, Remes AM, Herukka SK, Rauramaa T, Nagga K, Leinonen V, Tullberg M. CSF biomarkers distinguish idiopathic normal pressure hydrocephalus from its mimics. *J Neurol Neurosurg Psychiatry.* 2019 Oct;90(10):1117-1123. doi: 10.1136/jnnp-2019-320826. Epub 2019 Jun 5. PMID: 31167811; PMCID: PMC6817981.

269: Weber J, Gustafsson C, Malmgren K, Strandberg M, Can Ü, Compagno Strandberg M, Kumlien E. Evaluation for epilepsy surgery - Why do patients not proceed to operation? *Seizure.* 2019 Jul;69:241-244. doi: 10.1016/j.seizure.2019.05.004. Epub 2019 May 5. PMID: 31121548.

270: Sörbo A, Eiving I, Löwhagen Hendén P, Naredi S, Ljungqvist J, Odenstedt Hergès H. Mental fatigue assessment may add information after aneurysmal subarachnoid hemorrhage. *Brain Behav.* 2019 Jul;9(7):e01303. doi: 10.1002/brb3.1303. Epub 2019 May 21. PMID: 31112352; PMCID: PMC6625473.

271: Winblad B, Ankarcrona M, Johansson G, Novak P, Peter Thelin E, Zetterberg H, Blennow K. Head trauma in sports and risk for dementia. *J Intern Med.* 2019 Jun;285(6):591-593. doi: 10.1111/joim.12918. Epub 2019 May 15. PMID: 31090251.

272: Thelin E, Al Nimer F, Frostell A, Zetterberg H, Blennow K, Nyström H, Svensson M, Bellander BM, Piehl F, Nelson DW. A Serum Protein Biomarker Panel Improves Outcome Prediction in Human Traumatic Brain Injury. *J Neurotrauma.* 2019 Oct 15;36(20):2850-2862. doi: 10.1089/neu.2019.6375. Epub 2019 Jun 19. PMID: 31072225; PMCID: PMC6761606.

273: Daemen J, Mahfoud F, Kuck KH, Andersson B, Böhm M, Graf T, Sievert H, Kahlert P, Iyer M, Zeller T. Safety and efficacy of endovascular ultrasound renal denervation in resistant hypertension: 12-month results from the ACHIEVE study. *J Hypertens.* 2019 Sep;37(9):1906-1912. doi: 10.1097/HJH.0000000000002120. PMID: 31045964.

274: Bartek J Jr, Sjøvik K, Dhawan S, Sagberg LM, Kristiansson H, Ståhl F, Förander P, Chen CC, Jakola AS. Clinical Course in Chronic Subdural Hematoma Patients Aged 18-49 Compared to Patients 50 Years and Above: A Multicenter Study and Meta-Analysis. *Front Neurol.* 2019 Apr 5;10:311. doi: 10.3389/fneur.2019.00311. PMID: 31024417; PMCID: PMC6459941.

- 275: Säljö K, Maltese G, Tarnow P, Kölby L. Craniosynostosis: A Reversible Pathology? *J Craniofac Surg.* 2019 Sep;30(6):1628-1630. doi: 10.1097/SCS.0000000000005515. PMID: 31022145.
- 276: Esposito D, Olsson DS, Ragnarsson O, Buchfelder M, Skoglund T, Johannsson G. Non-Functioning Pituitary Neuroendocrine Tumors: indications for pituitary surgery and post-surgical management. *Pituitary.* 2019 Aug;22(4):422-434. doi: 10.1007/s11102-019-00960-0. PMID: 31011999; PMCID: PMC6647426.
- 277: Alber J, Alladi S, Bae HJ, Barton DA, Beckett LA, Bell JM, Berman SE, Biessels GJ, Black SE, Bos I, Bowman GL, Brai E, Brickman AM, Callahan BL, Corriveau RA, Fossati S, Gottesman RF, Gustafson DR, Hachinski V, Hayden KM, Helman AM, Hughes TM, Isaacs JD, Jefferson AL, Johnson SC, Kapasi A, Kern S, Kwon JC, Kukulja J, Lee A, Lockhart SN, Murray A, Osborn KE, Power MC, Price BR, Rhodius-Meester HFM, Rondeau JA, Rosen AC, Rosene DL, Schneider JA, Scholtzova H, Shaaban CE, Silva NCBS, Snyder HM, Swardfager W, Troen AM, van Veluw SJ, Vemuri P, Wallin A, Wellington C, Wilcock DM, Xie SX, Hainsworth AH. White matter hyperintensities in vascular contributions to cognitive impairment and dementia (VCID): Knowledge gaps and opportunities. *Alzheimers Dement (N Y).* 2019 Apr 9;5:107-117. doi: 10.1016/j.trci.2019.02.001. PMID: 31011621; PMCID: PMC6461571.
- 278: Minta K, Cullen NC, Nimer FA, Thelin EP, Piehl F, Clarin M, Tullberg M, Jeppsson A, Portelius E, Zetterberg H, Blennow K, Andreasson U. Dynamics of extracellular matrix proteins in cerebrospinal fluid and serum and their relation to clinical outcome in human traumatic brain injury. *Clin Chem Lab Med.* 2019 Sep 25;57(10):1565-1573. doi: 10.1515/cclm-2019-0034. PMID: 30980710.
- 279: Zanello M, Meyer B, Still M, Goodden JR, Colle H, Schichor C, Bello L, Wager M, Smits A, Rydenhag B, Tate M, Metellus P, Hamer PW, Spina G, Capelle L, Mandonnet E, Robles SG, Sarubbo S, Martino González J, Fontaine D, Reyns N, Krieg SM, Huberfeld G, Wostrack M, Colle D, Robert E, Noens B, Muller P, Yusupov N, Rossi M, Conti Nibali M, Papagno C, Visser V, Baaijen H, Galbarritu L, Chioffi F, Bucheli C, Roux A, Dezamis E, Duffau H, Pallud J. Surgical resection of cavernous angioma located within eloquent brain areas: International survey of the practical management among 19 specialized centers. *Seizure.* 2019 Jul;69:31-40. doi: 10.1016/j.seizure.2019.03.022. Epub 2019 Mar 28. PMID: 30959423.
- 280: Almotairi FS, Hellström P, Skoglund T, Nilsson ÅL, Tisell M. Chiari I malformation-neuropsychological functions and quality of life. *Acta Neurochir (Wien).* 2020 Jul;162(7):1575-1582. doi: 10.1007/s00701-019-03897-2. Epub 2019 Apr 6. PMID: 30955083.
- 281: Guerreiro R, Escott-Price V, Hernandez DG, Kun-Rodrigues C, Ross OA, Orme T, Neto JL, Carmona S, Dehghani N, Eicher JD, Shepherd C, Parkkinen L, Darwent L, Heckman MG, Scholz SW, Troncoso JC, Pletnikova O, Dawson T, Rosenthal L, Ansorge O, Clarimon J, Lleo A, Morenas-Rodriguez E, Clark L, Honig LS, Marder K, Lemstra A, Rogaeva E, St George-Hyslop P, Londos E, Zetterberg H, Barber I, Braae A, Brown K, Morgan K, Troakes C, Al-Sarraj S, Lashley T, Holton J, Compta Y, Van Deerlin V, Serrano GE, Beach TG, Lesage S, Galasko D, Masliah E, Santana I, Pastor P, Diez-Fairen M, Aguilar M, Tienari PJ, Myllykangas L, Oinas M, Revesz T, Lees A, Boeve BF, Petersen RC, Ferman TJ, Graff-Radford N, Cairns NJ, Morris JC, Pickering-Brown S, Mann D, Halliday GM, Hardy J, Trojanowski JQ, Dickson DW, Singleton A; International Parkinson's Disease Genomics Consortium, Stone DJ, Bras J. Heritability and genetic variance of dementia with Lewy bodies. *Neurobiol Dis.* 2019 Jul;127:492-501. doi: 10.1016/j.nbd.2019.04.004. Epub 2019 Apr 3. PMID: 30953760; PMCID: PMC6588425.
- 282: Carstam L, Smits A, Milos P, Corell A, Henriksson R, Bartek J Jr, Jakola AS. Neurosurgical patterns of care for diffuse low-grade gliomas in Sweden between 2005 and 2015. *Neurooncol Pract.* 2019 Mar;6(2):124-133. doi: 10.1093/nop/npy023. Epub 2018 Jul 17. PMID: 30949360; PMCID: PMC6440530.

283: Zanello M, Goodden JR, Colle H, Wager M, Hamer PCW, Smits A, Bello L, Tate M, Spena G, Bresson D, Capelle L, Robles SG, Sarubbo S, Rydenhag B, Martino J, Meyer B, Fontaine D, Reyns N, Schichor C, Metellus P, Colle D, Robert E, Noens B, Muller P, Rossi M, Nibali MC, Papagno C, Galbarritu L, de Gopegui ER, Chioffi F, Bucheli C, Krieg SM, Wostrack M, Yusupov N, Visser V, Baaijen JC, Roux A, Dezamis E, Mandonnet E, Corns R, Duffau H, Pallud J. Predictors of Epileptic Seizures and Ability to Work in Supratentorial Cavernous Angioma Located Within Eloquent Brain Areas. *Neurosurgery*. 2019 Oct 1;85(4):E702-E713. doi: 10.1093/neuros/nyz063. PMID: 30924504.

284: Jakola AS, Skoglund T. Surgical experience of neurosurgical residents in Europe: an alarming trend. *Acta Neurochir (Wien)*. 2019 May;161(5):841-842. doi: 10.1007/s00701-019-03889-2. Epub 2019 Mar 29. PMID: 30923920.

285: Rigoard P, Gatzinsky K, Deneuville JP, Duyvendak W, Naiditch N, Van Buyten JP, Eldabe S. Optimizing the Management and Outcomes of Failed Back Surgery Syndrome: A Consensus Statement on Definition and Outlines for Patient Assessment. *Pain Res Manag*. 2019 Feb 18;2019:3126464. doi: 10.1155/2019/3126464. PMID: 30911339; PMCID: PMC6398030.

286: Schiza N, Georgiou E, Kagiava A, Médard JJ, Richter J, Tryfonos C, Sargiannidou I, Heslegrave AJ, Rossor AM, Zetterberg H, Reilly MM, Christodoulou C, Chrast R, Kleopa KA. Gene replacement therapy in a model of Charcot-Marie-Tooth 4C neuropathy. *Brain*. 2019 May 1;142(5):1227-1241. doi: 10.1093/brain/awz064. PMID: 30907403; PMCID: PMC6487329.

287: Biscevic M, Sehic A, Biscevic S, Gavrankapetanovic I, Smrke B, Vukomanovic D, Krupic F. Kyphosis - A risk factor for positioning brachial plexopathy during spinal surgeries. *Acta Orthop Traumatol Turc*. 2019 May;53(3):199-202. doi: 10.1016/j.aott.2019.02.002. Epub 2019 Mar 18. PMID: 30898433; PMCID: PMC6599389.

288: Bakketun T, Gilhus NE, Rekand T. Myelomeningocele: need for long-time complex follow-up-an observational study. *Scoliosis Spinal Disord*. 2019 Mar 8;14:3. doi: 10.1186/s13013-019-0177-3. PMID: 30891504; PMCID: PMC6407184.

289: Fahlström A, Tobieson L, Redebrandt HN, Zeberg H, Bartek J Jr, Bartley A, Erkki M, Hessington A, Troberg E, Mirza S, Tsitsopoulos PP, Marklund N. Differences in neurosurgical treatment of intracerebral haemorrhage: a nation-wide observational study of 578 consecutive patients. *Acta Neurochir (Wien)*. 2019 May;161(5):955-965. doi: 10.1007/s00701-019-03853-0. Epub 2019 Mar 15. PMID: 30877470; PMCID: PMC6484090.

290: Wennberg P, Norlin R, Herlitz J, Sarenmalm EK, Möller M. Pre-operative pain management with nerve block in patients with hip fractures: a randomized, controlled trial. *Int J Orthop Trauma Nurs*. 2019 May;33:35-43. doi: 10.1016/j.ijotn.2018.11.003. Epub 2018 Nov 28. PMID: 30876869.

291: Pan X, Cunningham EL, Passmore AP, McGuinness B, McAuley DF, Beverland D, O'Brien S, Mawhinney T, Schott JM, Zetterberg H, Green BD. Cerebrospinal Fluid Spermidine, Glutamine and Putrescine Predict Postoperative Delirium Following Elective Orthopaedic Surgery. *Sci Rep*. 2019 Mar 12;9(1):4191. doi: 10.1038/s41598-019-40544-3. PMID: 30862889; PMCID: PMC6414730.

292: Iverson GL, Reddi PJ, Posti JP, Kotilainen AK, Tenovuo O, Öhman J, Zetterberg H, Blennow K, Luoto TM. Serum Neurofilament Light Is Elevated Differentially in Older Adults with Uncomplicated Mild Traumatic Brain Injuries. *J Neurotrauma*. 2019 Aug 15;36(16):2400-2406. doi: 10.1089/neu.2018.6341. Epub 2019 Apr 23. PMID: 30843469.

293: Bartek J Jr, Förander P, Thurin E, Wangerid T, Henriksson R, Hesselager G, Jakola AS. Short-Term

Surgical Outcome for Vestibular Schwannoma in Sweden: A Nation-Wide Registry Study. *Front Neurol*. 2019 Jan 29;10:43. doi: 10.3389/fneur.2019.00043. PMID: 30761075; PMCID: PMC6361837.

294: Fagerlind H, Harvey L, Candefjord S, Davidsson J, Brown J. Does injury pattern among major road trauma patients influence prehospital transport decisions regardless of the distance to the nearest trauma centre? - a retrospective study. *Scand J Trauma Resusc Emerg Med*. 2019 Feb 13;27(1):18. doi: 10.1186/s13049-019-0593-7. PMID: 30760302; PMCID: PMC6375202.

295: Posti JP, Takala RSK, Lagerstedt L, Dickens AM, Hossain I, Mohammadian M, Ala-Seppälä H, Frantzén J, van Gils M, Hutchinson PJ, Katila AJ, Maanpää HR, Menon DK, Newcombe VF, Tallus J, Hrusovsky K, Wilson DH, Gill J, Sanchez JC, Tenovuo O, Zetterberg H, Blennow K. Correlation of Blood Biomarkers and Biomarker Panels with Traumatic Findings on Computed Tomography after Traumatic Brain Injury. *J Neurotrauma*. 2019 Jul 15;36(14):2178-2189. doi: 10.1089/neu.2018.6254. Epub 2019 Apr 5. PMID: 30760178; PMCID: PMC6909751.

296: Zetterberg H, Schott JM. Biomarkers for Alzheimer's disease beyond amyloid and tau. *Nat Med*. 2019 Feb;25(2):201-203. doi: 10.1038/s41591-019-0348-z. PMID: 30728536.

297: Bø HK, Solheim O, Kvistad KA, Berntsen EM, Torp SH, Skjulsvik AJ, Reinertsen I, Iversen DH, Unsgård G, Jakola AS. Intraoperative 3D ultrasound- guided resection of diffuse low-grade gliomas: radiological and clinical results. *J Neurosurg*. 2019 Feb 1;132(2):518-529. doi: 10.3171/2018.10.JNS181290. PMID: 30717057.

298: Satanin L, Teterin I, Evteev A, Sakharov A, Kölby L, Lemeneva N, Roginsky V. Introduction of spring-assisted cranioplasty for scaphocephaly in Russia: first cases evaluated using detailed craniometry and principal component analysis. *J Plast Surg Hand Surg*. 2019 Jun;53(3):173-179. doi: 10.1080/2000656X.2019.1571501. Epub 2019 Feb 3. PMID: 30712436.

299: Jakola AS, Reinertsen I. Radiological evaluation of low-grade glioma: time to embrace quantitative data? *Acta Neurochir (Wien)*. 2019 Mar;161(3):577-578. doi: 10.1007/s00701-019-03816-5. Epub 2019 Jan 29. PMID: 30693371.

300: Ehler J, Petzold A, Wittstock M, Kolbaske S, Gloger M, Henschel J, Heslegrave A, Zetterberg H, Lunn MP, Rommer PS, Grossmann A, Sharshar T, Richter G, Nöldge-Schomburg G, Sauer M. The prognostic value of neurofilament levels in patients with sepsis-associated encephalopathy - A prospective, pilot observational study. *PLoS One*. 2019 Jan 24;14(1):e0211184. doi: 10.1371/journal.pone.0211184. Erratum in: *PLoS One*. 2019 Feb 20;14(2):e0212830. PMID: 30677080; PMCID: PMC6345472.

301: Corell A, Thurin E, Skoglund T, Farahmand D, Henriksson R, Rydenhag B, Gulati S, Bartek J Jr, Jakola AS. Neurosurgical treatment and outcome patterns of meningioma in Sweden: a nationwide registry-based study. *Acta Neurochir (Wien)*. 2019 Feb;161(2):333-341. doi: 10.1007/s00701-019-03799-3. Epub 2019 Jan 24. PMID: 30675656; PMCID: PMC6373228.

302: Seiffge DJ, Curtze S, Dequatre-Ponchelle N, Pezzini A, Tatlisumak T, Cordonnier C, Werring D. Hematoma location and morphology of anticoagulation- associated intracerebral hemorrhage. *Neurology*. 2019 Feb 19;92(8):e782-e791. doi: 10.1212/WNL.0000000000006958. Epub 2019 Jan 23. PMID: 30674603.

303: Tatlisumak T, Llinas RH, Martí-Fàbregas J, Seiffge DJ. Deciphering the causes of nontraumatic intracerebral hemorrhage. *Neurology*. 2019 Feb 19;92(8):357-359. doi: 10.1212/WNL.0000000000006938. Epub 2019 Jan 23. PMID: 30674599.

304: Wenger A, Ferreyra Vega S, Kling T, Bontell TO, Jakola AS, Carén H. Intratumor DNA methylation heterogeneity in glioblastoma: implications for DNA methylation-based classification. *Neuro Oncol*. 2019 May 6;21(5):616-627. doi: 10.1093/neuonc/noz011. PMID: 30668814; PMCID: PMC6502500.

305: Sagberg LM, Iversen DH, Fyllingen EH, Jakola AS, Reinertsen I, Solheim O. Brain atlas for assessing the impact of tumor location on perioperative quality of life in patients with high-grade glioma: A prospective population-based cohort study. *Neuroimage Clin*. 2019;21:101658. doi: 10.1016/j.nicl.2019.101658. Epub 2019 Jan 8. PMID: 30655192; PMCID: PMC6412075.

306: Jakola AS, Werlenius K, Mudaisi M, Hylin S, Kinhult S, Bartek J Jr, Salvesen Ø, Carlsen SM, Strandéus M, Lindskog M, Löfgren D, Rydenhag B, Carstam L, Gulati S, Solheim O, Bartek J, Solheim T. Disulfiram repurposing combined with nutritional copper supplement as add-on to chemotherapy in recurrent glioblastoma (DIRECT): Study protocol for a randomized controlled trial. *F1000Res*. 2018 Nov 15;7:1797. doi: 10.12688/f1000research.16786.1. PMID: 30647912; PMCID: PMC6325620.

307: Sweeney MD, Montagne A, Sagare AP, Nation DA, Schneider LS, Chui HC, Harrington MG, Pa J, Law M, Wang DJJ, Jacobs RE, Doubal FN, Ramirez J, Black SE, Nedergaard M, Benveniste H, Dichgans M, Iadecola C, Love S, Bath PM, Markus HS, Al-Shahi Salman R, Allan SM, Quinn TJ, Kalaria RN, Werring DJ, Carare RO, Touyz RM, Williams SCR, Moskowitz MA, Katusic ZS, Lutz SE, Lazarov O, Minshall RD, Rehman J, Davis TP, Wellington CL, González HM, Yuan C, Lockhart SN, Hughes TM, Chen CLH, Sachdev P, O'Brien JT, Skoog I, Pantoni L, Gustafson DR, Biessels GJ, Wallin A, Smith EE, Mok V, Wong A, Passmore P, Barkof F, Muller M, Breteler MMB, Román GC, Hamel E, Seshadri S, Gottesman RF, van Buchem MA, Arvanitakis Z, Schneider JA, Drewes LR, Hachinski V, Finch CE, Toga AW, Wardlaw JM, Zlokovic BV. Vascular dysfunction-The disregarded partner of Alzheimer's disease. *Alzheimers Dement*. 2019 Jan;15(1):158-167. doi: 10.1016/j.jalz.2018.07.222. Erratum in: *Alzheimers Dement*. 2022 Mar;18(3):522. PMID: 30642436; PMCID: PMC6338083.

308: Völz S, Spaak J, Rundqvist B, Kahan T, Andersson B; all authors. Reply. *J Hypertens*. 2019 Feb;37(2):449-451. doi: 10.1097/HJH.0000000000002012. PMID: 30640875.

309: Théry C, Witwer KW, Aikawa E, Alcaraz MJ, Anderson JD, Andriantsitohaina R, Antoniou A, Arab T, Archer F, Atkin-Smith GK, Ayre DC, Bach JM, Bachurski D, Baharvand H, Balaj L, Baldacchino S, Bauer NN, Baxter AA, Bebawy M, Beckham C, Bedina Zavec A, Benmoussa A, Berardi AC, Bergese P, Bielska E, Blenkiron C, Bobis-Wozowicz S, Boilard E, Boireau W, Bongiovanni A, Borràs FE, Bosch S, Boulanger CM, Breakefield X, Breglio AM, Brennan MÁ, Brigstock DR, Brisson A, Broekman ML, Bromberg JF, Bryl-Górecka P, Buch S, Buck AH, Burger D, Busatto S, Buschmann D, Bussolati B, Buzás EI, Byrd JB, Camussi G, Carter DR, Caruso S, Chamley LW, Chang YT, Chen C, Chen S, Cheng L, Chin AR, Clayton A, Clerici SP, Cocks A, Cocucci E, Coffey RJ, Cordeiro-da-Silva A, Couch Y, Coumans FA, Coyle B, Crescitelli R, Criado MF, D'Souza-Schorey C, Das S, Datta Chaudhuri A, de Candia P, De Santana EF, De Wever O, Del Portillo HA, Demaret T, Deville S, Devitt A, Dhondt B, Di Vizio D, Dieterich LC, Dolo V, Dominguez Rubio AP, Dominici M, Dourado MR, Driedonks TA, Duarte FV, Duncan HM, Eichenberger RM, Ekström K, El Andaloussi S, Elie-Caille C, Erdbrügger U, Falcón-Pérez JM, Fatima F, Fish JE, Flores-Bellver M, Försonits A, Frelet-Barrand A, Fricke F, Fuhrmann G, Gabrielsson S, Gámez-Valero A, Gardiner C, Gärtner K, Gaudin R, Gho YS, Giebel B, Gilbert C, Gimona M, Giusti I, Goberdhan DC, Görgens A, Gorski SM, Greening DW, Gross JC, Gualerzi A, Gupta GN, Gustafson D, Handberg A, Haraszi RA, Harrison P, Hegyesi H, Hendrix A, Hill AF, Hochberg FH, Hoffmann KF, Holder B, Holthofer H, Hosseinkhani B, Hu G, Huang Y, Huber V, Hunt S, Ibrahim AG, Ikezu T, Inal JM, Isin M, Ivanova A, Jackson HK, Jacobsen S, Jay SM, Jayachandran M, Jenster G, Jiang L, Johnson SM, Jones JC, Jong A, Jovanovic-Talisman T, Jung S, Kalluri R, Kano SI, Kaur S, Kawamura Y, Keller ET, Khamari D, Khomyakova E, Khvorova A, Kierulf P, Kim KP, Kislinger T, Klingeborn M, Klink DJ 2nd, Kornek M, Kosanović MM, Kovács ÁF, Krämer-Albers EM, Krasemann S, Krause M, Kurochkin IV, Kusuma GD,

Kuypers S, Laitinen S, Langevin SM, Languino LR, Lannigan J, Lässer C, Laurent LC, Lavieu G, Lázaro-Ibáñez E, Le Lay S, Lee MS, Lee YXF, Lemos DS, Lenassi M, Leszczynska A, Li IT, Liao K, Libregts SF, Ligeti E, Lim R, Lim SK, Linē A, Linnemannstöns K, Llorente A, Lombard CA, Lorenowicz MJ, Lörincz ÁM, Lötval J, Lovett J, Lowry MC, Loyer X, Lu Q, Lukomska B, Lunavat TR, Maas SL, Malhi H, Marcilla A, Mariani J, Mariscal J, Martens-Uzunova ES, Martin-Jaular L, Martinez MC, Martins VR, Mathieu M, Mathivanan S, Maugeri M, McGinnis LK, McVey MJ, Meckes DG Jr, Meehan KL, Mertens I, Minciacci VR, Möller A, Møller Jørgensen M, Morales-Kastresana A, Morhayim J, Mullier F, Muraca M, Musante L, Mussack V, Muth DC, Myburgh KH, Najrana T, Nawaz M, Nazarenko I, Nejsun P, Neri C, Neri T, Nieuwland R, Nimrichter L, Nolan JP, Nolte-t Hoen EN, Noren Hooten N, O'Driscoll L, O'Grady T, O'Loughlin A, Ochiya T, Olivier M, Ortiz A, Ortiz LA, Osteikoetxea X, Østergaard O, Ostrowski M, Park J, Pegtel DM, Peinado H, Perut F, Pfaffl MW, Phinney DG, Pieters BC, Pink RC, Pisetsky DS, Pogge von Strandmann E, Polakovicova I, Poon IK, Powell BH, Prada I, Pulliam L, Quesenberry P, Radeghieri A, Raffai RL, Raimondo S, Rak J, Ramirez MI, Raposo G, Rayyan MS, Regev-Rudzki N, Ricklefs FL, Robbins PD, Roberts DD, Rodrigues SC, Rohde E, Rome S, Rouschop KM, Rugghetti A, Russell AE, Saá P, Sahoo S, Salas-Huenuleo E, Sánchez C, Saugstad JA, Saul MJ, Schifferers RM, Schneider R, Schøyen TH, Scott A, Shahaj E, Sharma S, Shatnyeva O, Shekari F, Shelke GV, Shetty AK, Shiba K, Siljander PR, Silva AM, Skowronek A, Snyder OL 2nd, Soares RP, Sódar BW, Soekmadji C, Sotillo J, Stahl PD, Stoorvogel W, Stott SL, Strasser EF, Swift S, Tahara H, Tewari M, Timms K, Tiwari S, Tixeira R, Tkach M, Toh WS, Tomasini R, Torrecilhas AC, Tosar JP, Toxavidis V, Urbanelli L, Vader P, van Balkom BW, van der Grein SG, Van Deun J, van Herwijnen MJ, Van Keuren-Jensen K, van Niel G, van Royen ME, van Wijnen AJ, Vasconcelos MH, Vechetti IJ Jr, Veit TD, Vella LJ, Velot É, Verweij FJ, Vestad B, Viñas JL, Visnovitz T, Vukman KV, Wahlgren J, Watson DC, Wauben MH, Weaver A, Webber JP, Weber V, Wehman AM, Weiss DJ, Welsh JA, Wendt S, Wheelock AM, Wiener Z, Witte L, Wolfram J, Xagorari A, Xander P, Xu J, Yan X, Yáñez-Mó M, Yin H, Yuana Y, Zappulli V, Zarubova J, Žekas V, Zhang JY, Zhao Z, Zheng L, Zheutlin AR, Zickler AM, Zimmermann P, Zivkovic AM, Zocco D, Zuba-Surma EK. Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. *J Extracell Vesicles*. 2018 Nov 23;7(1):1535750. doi: 10.1080/20013078.2018.1535750. PMID: 30637094; PMCID: PMC6322352.

310: Johansson D, Ohlsson F, Krýsl D, Rydenhag B, Czarnecki M, Gustafsson N, Wipenmyr J, McKelvey T, Malmgren K. Tonic-clonic seizure detection using accelerometry-based wearable sensors: A prospective, video-EEG controlled study. *Seizure*. 2019 Feb;65:48-54. doi: 10.1016/j.seizure.2018.12.024. Epub 2018 Dec 27. PMID: 30611010.

311: Savolainen M, Mustanoja S, Pekkola J, Tyni T, Uusitalo AM, Ruotsalainen S, Poutiainen E, Hernesniemi J, Kivipelto L, Tatlisumak T. Moyamoya angiopathy: long-term follow-up study in a Finnish population. *J Neurol*. 2019 Mar;266(3):574-581. doi: 10.1007/s00415-018-9154-7. Epub 2018 Dec 17. PMID: 30560456; PMCID: PMC6394807.

312: Hossain I, Mohammadian M, Takala RSK, Tenovuo O, Lagerstedt L, Ala-Seppälä H, Frantzén J, van Gils M, Hutchinson P, Katila AJ, Maanpää HR, Menon DK, Newcombe VF, Tallus J, Hrusovsky K, Wilson DH, Blennow K, Sanchez JC, Zetterberg H, Posti JP. Early Levels of Glial Fibrillary Acidic Protein and Neurofilament Light Protein in Predicting the Outcome of Mild Traumatic Brain Injury. *J Neurotrauma*. 2019 May 15;36(10):1551-1560. doi: 10.1089/neu.2018.5952. Epub 2019 Jan 8. PMID: 30489229.

313: Pennells L, Kaptoge S, Wood A, Sweeting M, Zhao X, White I, Burgess S, Willeit P, Bolton T, Moons KGM, van der Schouw YT, Selmer R, Khaw KT, Gudnason V, Assmann G, Amouyel P, Salomaa V, Kivimäki M, Nordestgaard BG, Blaha MJ, Kuller LH, Brenner H, Gillum RF, Meisinger C, Ford I, Knuiman MW, Rosengren A, Lawlor DA, Völzke H, Cooper C, Marín Ibáñez A, Casiglia E, Kauhanen J, Cooper JA, Rodriguez B, Sundström J, Barrett-Connor E, Dankner R, Nietert PJ, Davidson KW, Wallace RB, Blazer DG, Björkelund C, Donfrancesco C, Krumholz HM, Nissinen A, Davis BR, Coady S, Whincup PH, Jørgensen T, Ducimetiere P, Trevisan M, Engström G, Crespo CJ, Meade TW, Visser M, Kromhout D,

Kiechl S, Daimon M, Price JF, Gómez de la Cámara A, Wouter Jukema J, Lamarche B, Onat A, Simons LA, Kavousi M, Ben-Shlomo Y, Gallacher J, Dekker JM, Arima H, Shara N, Tipping RW, Roussel R, Brunner EJ, Koenig W, Sakurai M, Pavlovic J, Gansevoort RT, Nagel D, Goldbourt U, Barr ELM, Palmieri L, Njølstad I, Sato S, Monique Verschuren WM, Varghese CV, Graham I, Onuma O, Greenland P, Woodward M, Ezzati M, Psaty BM, Sattar N, Jackson R, Ridker PM, Cook NR, D'Agostino RB, Thompson SG, Danesh J, Di Angelantonio E; Emerging Risk Factors Collaboration. Equalization of four cardiovascular risk algorithms after systematic recalibration: individual- participant meta-analysis of 86 prospective studies. *Eur Heart J*. 2019 Feb 14;40(7):621-631. doi: 10.1093/eurheartj/ehy653. PMID: 30476079; PMCID: PMC6374687.

314: Smits A, Jakola AS. Clinical Presentation, Natural History, and Prognosis of Diffuse Low-Grade Gliomas. *Neurosurg Clin N Am*. 2019 Jan;30(1):35-42. doi: 10.1016/j.nec.2018.08.002. Epub 2018 Nov 1. PMID: 30470403.

315: Almotairi FS, Andersson M, Andersson O, Skoglund T, Tisell M. Swallowing Dysfunction in Adult Patients with Chiari I Malformation. *J Neurol Surg B Skull Base*. 2018 Dec;79(6):606-613. doi: 10.1055/s-0038-1655758. Epub 2018 May 25. PMID: 30456032; PMCID: PMC6239883.

316: Kun-Rodrigues C, Orme T, Carmona S, Hernandez DG, Ross OA, Eicher JD, Shepherd C, Parkkinen L, Darwent L, Heckman MG, Scholz SW, Troncoso JC, Pletnikova O, Dawson T, Rosenthal L, Ansorge O, Clarimon J, Lleo A, Morenas- Rodriguez E, Clark L, Honig LS, Marder K, Lemstra A, Rogaeva E, St George-Hyslop P, Londos E, Zetterberg H, Barber I, Braae A, Brown K, Morgan K, Troakes C, Al- Sarraj S, Lashley T, Holton J, Compta Y, Van Deerlin V, Serrano GE, Beach TG, Lesage S, Galasko D, Masliah E, Santana I, Pastor P, Diez-Fairen M, Aguilar M, Tienari PJ, Myllykangas L, Oinas M, Revesz T, Lees A, Boeve BF, Petersen RC, Ferman TJ, Escott-Price V, Graff-Radford N, Cairns NJ, Morris JC, Pickering-Brown S, Mann D, Halliday GM, Hardy J, Trojanowski JQ, Dickson DW, Singleton A, Stone DJ, Guerreiro R, Bras J. A comprehensive screening of copy number variability in dementia with Lewy bodies. *Neurobiol Aging*. 2019 Mar;75:223.e1-223.e10. doi: 10.1016/j.neurobiolaging.2018.10.019. Epub 2018 Oct 24. PMID: 30448004; PMCID: PMC6541211.

317: Zeitlberger AM, Thomas-Black G, Garcia-Moreno H, Foiani M, Heslegrave AJ, Zetterberg H, Giunti P. Plasma Markers of Neurodegeneration Are Raised in Friedreich's Ataxia. *Front Cell Neurosci*. 2018 Oct 30;12:366. doi: 10.3389/fncel.2018.00366. PMID: 30425621; PMCID: PMC6218876.

318: Lindgren C, Koskinen LO, Ssozi R, Naredi S. Cerebrospinal fluid lactate and neurological outcome after subarachnoid haemorrhage. *J Clin Neurosci*. 2019 Feb;60:63-67. doi: 10.1016/j.jocn.2018.10.025. Epub 2018 Oct 22. PMID: 30361053.

319: Thurin E, Nyström PW, Smits A, Werlenius K, Bäck A, Liljegren A, Daxberg EL, Jakola AS. Proton therapy for low-grade gliomas in adults: A systematic review. *Clin Neurol Neurosurg*. 2018 Nov;174:233-238. doi: 10.1016/j.clineuro.2018.08.003. Epub 2018 Aug 8. PMID: 30292166.

320: Constantinescu R, Blennow K, Rosengren L, Eriksson B, Gudmundsdottir T, Jansson Y, Johnels B, Renck A, Bergquist F. Cerebrospinal fluid protein markers in PD patients after DBS-STN surgery-A retrospective analysis of patients that underwent surgery between 1993 and 2001. *Clin Neurol Neurosurg*. 2018 Nov;174:174-179. doi: 10.1016/j.clineuro.2018.09.024. Epub 2018 Sep 17. PMID: 30248592.

321: Øie LR, Madsbu MA, Solheim O, Jakola AS, Giannadakis C, Vorhaug A, Padayachy L, Jensberg H, Dodick D, Salvesen Ø, Gulati S. Functional outcome and survival following spontaneous intracerebral hemorrhage: A retrospective population-based study. *Brain Behav*. 2018 Oct;8(10):e01113. doi: 10.1002/brb3.1113. Epub 2018 Sep 21. PMID: 30240164; PMCID: PMC6192392.

- 322: 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. PMID: 30224398; PMCID: PMC6150152.
- 323: Keshavan A, Heslegrave A, Zetterberg H, Schott JM. Stability of blood-based biomarkers of Alzheimer's disease over multiple freeze-thaw cycles. *Alzheimers Dement (Amst)*. 2018 Jul 2;10:448-451. doi: 10.1016/j.dadm.2018.06.001. PMID: 30211292; PMCID: PMC6131984.
- 324: Lindberg K, Kouti A, Ziegelitz D, Hallén T, Skoglund T, Farahmand D. Three- Dimensional Volumetric Segmentation of Pituitary Tumors: Assessment of Inter- rater Agreement and Comparison with Conventional Geometric Equations. *J Neurol Surg B Skull Base*. 2018 Oct;79(5):475-481. doi: 10.1055/s-0037-1618577. Epub 2018 Jan 19. PMID: 30210975; PMCID: PMC6133660.
- 325: Byrne LM, Rodrigues FB, Johnson EB, Wijeratne PA, De Vita E, Alexander DC, Palermo G, Czech C, Schobel S, Scahill RI, Heslegrave A, Zetterberg H, Wild EJ. Evaluation of mutant huntingtin and neurofilament proteins as potential markers in Huntington's disease. *Sci Transl Med*. 2018 Sep 12;10(458):eaat7108. doi: 10.1126/scitranslmed.aat7108. PMID: 30209243.
- 326: Ljungman D, Vaughan KA, Park KB, Makasa EM, Marten R, Meara JG. World Health Organization: Leading surgical care toward sustainable development in the era of globalization. *Surgery*. 2018 Dec;164(6):1137-1146. doi: 10.1016/j.surg.2018.06.057. Epub 2018 Sep 8. PMID: 30205897.
- 327: Khalil M, Teunissen CE, Otto M, Piehl F, Sormani MP, Gattringer T, Barro C, Kappos L, Comabella M, Fazekas F, Petzold A, Blennow K, Zetterberg H, Kuhle J. Neurofilaments as biomarkers in neurological disorders. *Nat Rev Neurol*. 2018 Oct;14(10):577-589. doi: 10.1038/s41582-018-0058-z. PMID: 30171200.
- 328: Feletti A, d'Avella D, Wikkelsø C, Klinge P, Hellström P, Tans J, Kiefer M, Meier U, Lemcke J, Paternò V, Stieglitz L, Sames M, Saur K, Kordás M, Vitanovic D, Gabarrós A, Llarga F, Triffaux M, Tyberghien A, Juhler M, Hasselbalch S, Cesarini K, Laurell K. Ventriculoperitoneal Shunt Complications in the European Idiopathic Normal Pressure Hydrocephalus Multicenter Study. *Oper Neurosurg (Hagerstown)*. 2019 Jul 1;17(1):97-102. doi: 10.1093/ons/opy232. PMID: 30169650.
- 329: Ozanne A, Verdinelli C, Olsson I, Edelvik A, H Graneheim U, Malmgren K. Callosotomy in children - Parental experiences reported at long-term follow-up. *Epilepsy Behav*. 2018 Sep;86:91-97. doi: 10.1016/j.yebeh.2018.06.020. Epub 2018 Jul 6. PMID: 30153937.
- 330: Lewczuk P, Gaignaux A, Kofanova O, Ermann N, Betsou F, Brandner S, Mroczko B, Blennow K, Strapagiel D, Paciotti S, Vogelgsang J, Roehrl MH, Mendoza S, Kornhuber J, Teunissen C. Interlaboratory proficiency processing scheme in CSF aliquoting: implementation and assessment based on biomarkers of Alzheimer's disease. *Alzheimers Res Ther*. 2018 Aug 28;10(1):87. doi: 10.1186/s13195-018-0418-3. PMID: 30153863; PMCID: PMC6114189.
- 331: Gulati S, Solheim O, Carlsen SM, Øie LR, Jensberg H, Gulati AM, Madsbu MA, Giannadakis C, Jakola AS, Salvesen Ø. Risk of intracranial hemorrhage (RICH) in users of oral antithrombotic drugs: Nationwide pharmacoepidemiological study. *PLoS One*. 2018 Aug 23;13(8):e0202575. doi: 10.1371/journal.pone.0202575. PMID: 30138389; PMCID: PMC6107180.
- 332: Roodakker KR, Alhuseinalkhudhur A, Al-Jaff M, Georganaki M, Zetterling M, Berntsson SG, Danfors T, Strand R, Edqvist PH, Dimberg A, Larsson EM, Smits A. Region-by-region analysis of PET, MRI, and histology in en bloc-resected oligodendrogliomas reveals intra-tumoral heterogeneity. *Eur J Nucl Med*

Mol Imaging. 2019 Mar;46(3):569-579. doi: 10.1007/s00259-018-4107-z. Epub 2018 Aug 14. PMID: 30109401; PMCID: PMC6351509.

333: Rejnö-Habte Selassie G, Pegenius G, Viggedal G, Hallböök T, Thordstein M. Navigated transcranial magnetic stimulation for preoperative cortical mapping of expressive language in children: Development of a method. *Epilepsy Behav.* 2018 Oct;87:180-187. doi: 10.1016/j.yebeh.2018.05.036. Epub 2018 Aug 7. PMID: 30093270.

334: O'Callaghan P, Zarb Y, Noborn F, Kreuger J. Modeling the structural implications of an alternatively spliced Exoc3l2, a paralog of the tunneling nanotube-forming M-Sec. *PLoS One.* 2018 Aug 7;13(8):e0201557. doi: 10.1371/journal.pone.0201557. PMID: 30086153; PMCID: PMC6080751.

335: Alosco ML, Tripodis Y, Fritts NG, Heslegrave A, Baugh CM, Conneely S, Mariani M, Martin BM, Frank S, Mez J, Stein TD, Cantu RC, McKee AC, Shaw LM, Trojanowski JQ, Blennow K, Zetterberg H, Stern RA. Cerebrospinal fluid tau, A β , and sTREM2 in Former National Football League Players: Modeling the relationship between repetitive head impacts, microglial activation, and neurodegeneration. *Alzheimers Dement.* 2018 Sep;14(9):1159-1170. doi: 10.1016/j.jalz.2018.05.004. Epub 2018 Jul 23. PMID: 30049650; PMCID: PMC6131058.

336: Einarsdottir BO, Karlsson J, Söderberg EMV, Lindberg MF, Funck-Brentano E, Jespersen H, Brynjolfsson SF, Olofsson Bagge R, Carstam L, Scobie M, Koolmeister T, Wallner O, Stierner U, Berglund UW, Ny L, Nilsson LM, Larsson E, Helleday T, Nilsson JA. A patient-derived xenograft pre-clinical trial reveals treatment responses and a resistance mechanism to karonudib in metastatic melanoma. *Cell Death Dis.* 2018 Jul 24;9(8):810. doi: 10.1038/s41419-018-0865-6. Erratum in: *Cell Death Dis.* 2020 Feb 6;11(2):99. PMID: 30042422; PMCID: PMC6057880.

337: Murray CE, Gami-Patel P, Gkanatsiou E, Brinkmalm G, Portelius E, Wirths O, Heywood W, Blennow K, Ghiso J, Holton JL, Mills K, Zetterberg H, Revesz T, Lashley T. The presubiculum is preserved from neurodegenerative changes in Alzheimer's disease. *Acta Neuropathol Commun.* 2018 Jul 20;6(1):62. doi: 10.1186/s40478-018-0563-8. PMID: 30029687; PMCID: PMC6053705.

338: Craven CL, Chapman MD, D'Antona L, Thompson SD, Lakdawala N, Zetterberg H, Watkins LD, Toma AK. Lumbar drains can affect CSF biomarker levels. *J Clin Pathol.* 2019 Jan;72(1):91-92. doi: 10.1136/jclinpath-2018-205296. Epub 2018 Jul 11. PMID: 29997233.

339: Freyschlag CF, Krieg SM, Kerschbaumer J, Pinggera D, Forster MT, Cordier D, Rossi M, Miceli G, Roux A, Reyes A, Sarubbo S, Smits A, Sierpowska J, Robe PA, Rutten GJ, Santarius T, Matys T, Zanello M, Almairac F, Mondot L, Jakola AS, Zetterling M, Rofes A, von Campe G, Guillemin R, Bagatto D, Lubrano V, Rapp M, Goodden J, De Witt Hamer PC, Pallud J, Bello L, Thomé C, Duffau H, Mandonnet E. Imaging practice in low-grade gliomas among European specialized centers and proposal for a minimum core of imaging. *J Neurooncol.* 2018 Sep;139(3):699-711. doi: 10.1007/s11060-018-2916-3. Epub 2018 Jul 10. PMID: 29992433; PMCID: PMC6132968.

340: Bozovic G, Adlercreutz C, Björkman-Burtscher IM, Reinstrup P, Ingemansson R, Skansebo E, Geijer M. Impact of donor chest radiography on clinical outcome after lung transplantation. *Acta Radiol Open.* 2018 Jun 14;7(6):2058460118781419. doi: 10.1177/2058460118781419. PMID: 29977606; PMCID: PMC6024291.

341: Drewes C, Sagberg LM, Jakola AS, Solheim O. Perioperative and Postoperative Quality of Life in Patients with Glioma-A Longitudinal Cohort Study. *World Neurosurg.* 2018 Sep;117:e465-e474. doi: 10.1016/j.wneu.2018.06.052. Epub 2018 Jun 18. PMID: 29920391.

342: Reinbold CS, Forstner AJ, Hecker J, Fullerton JM, Hoffmann P, Hou L, Heilbronner U, Degenhardt F, Adli M, Akiyama K, Akula N, Ardaur R, Arias B, Backlund L, Benabarre A, Bengesser S, Bhattacharjee AK, Biernacka JM, Birner A, Marie-Claire C, Cervantes P, Chen GB, Chen HC, Chillotti C, Clark SR, Colom F, Cousins DA, Cruceanu C, Czerski PM, Dayer A, Étain B, Falkai P, Frisé L, Gard S, Garnham JS, Goes FS, Grof P, Gruber O, Hashimoto R, Hauser J, Herms S, Jamain S, Jiménez E, Kahn JP, Kassem L, Kittel-Schneider S, Kliwicki S, König B, Kusumi I, Lackner N, Laje G, Landén M, Lavebratt C, Leboyer M, Leckband SG, López Jaramillo CA, MacQueen G, Manchia M, Martinsson L, Mattheisen M, McCarthy MJ, McElroy SL, Mitjans M, Mondimore FM, Monteleone P, Nievergelt CM, Ösby U, Ozaki N, Perlis RH, Pfennig A, Reich-Erkelenz D, Rouleau GA, Schofield PR, Schubert KO, Schweizer BW, Seemüller F, Severino G, Shekhtman T, Shilling PD, Shimoda K, Simhandl C, Slaney CM, Smoller JW, Squassina A, Stamm TJ, Stopkova P, Tighe SK, Tortorella A, Turecki G, Volkert J, Witt SH, Wright AJ, Young LT, Zandi PP, Potash JB, DePaulo JR, Bauer M, Reininghaus E, Novák T, Aubry JM, Maj M, Baune BT, Mitchell PB, Vieta E, Frye MA, Rybakowski JK, Kuo PH, Kato T, Grigoriu- Serbanescu M, Reif A, Del Zompo M, Bellivier F, Schalling M, Wray NR, Kelsoe JR, Alda M, McMahon FJ, Schulze TG, Rietschel M, Nöthen MM, Cichon S. Analysis of the Influence of microRNAs in Lithium Response in Bipolar Disorder. *Front Psychiatry*. 2018 May 31;9:207. doi: 10.3389/fpsyt.2018.00207. PMID: 29904359; PMCID: PMC5991073.

343: Corell A, Carstam L, Smits A, Henriksson R, Jakola AS. Age and surgical outcome of low-grade glioma in Sweden. *Acta Neurol Scand*. 2018 Oct;138(4):359-368. doi: 10.1111/ane.12973. Epub 2018 Jun 13. PMID: 29900547.

344: Baud MO, Perneger T, Rácz A, Pensel MC, Elger C, Rydenhag B, Malmgren K, Cross JH, McKenna G, Tisdall M, Lamberink HJ, Rheims S, Rylvlin 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. PMID: 29898967.

345: Kamtchum-Tatuene J, Kamwezi R, Nyalubwe T, Banda JP, Mwangalika G, Matandika I, Hemmila U, Tisell M, Koponen S, Benjamin LA, Kamalo P. A 42-year-old woman with subacute reversible dementia: A cautionary tale. *Malawi Med J*. 2017 Sep;29(3):265-267. doi: 10.4314/mmj.v29i3.7. PMID: 29872518; PMCID: PMC5812000.

346: Leinonen V, Rauramaa T, Johansson J, Bottelbergs A, Tesseur I, van der Ark P, Pemberton D, Koivisto AM, Jääskeläinen JE, Hiltunen M, Herukka SK, Blennow K, Zetterberg H, Jokinen P, Rokka J, Helin S, Haaparanta-Solin M, Solin O, Okamura N, Kolb HC, Rinne JO. S-[18F]THK-5117-PET and [11C]PIB-PET Imaging in Idiopathic Normal Pressure Hydrocephalus in Relation to Confirmed Amyloid- β Plaques and Tau in Brain Biopsies. *J Alzheimers Dis*. 2018;64(1):171-179. doi: 10.3233/JAD-180071. PMID: 29865068.

347: Zhang L, He L, Lugano R, Roodakker K, Bergqvist M, Smits A, Dimberg A. IDH mutation status is associated with distinct vascular gene expression signatures in lower-grade gliomas. *Neuro Oncol*. 2018 Oct 9;20(11):1505-1516. doi: 10.1093/neuonc/noy088. PMID: 29846705; PMCID: PMC6176806.

348: Näslund O, Smits A, Förander P, Laesser M, Bartek J Jr, Gempt J, Liljegren A, Daxberg EL, Jakola AS. Amino acid tracers in PET imaging of diffuse low-grade gliomas: a systematic review of preoperative applications. *Acta Neurochir (Wien)*. 2018 Jul;160(7):1451-1460. doi: 10.1007/s00701-018-3563-3. Epub 2018 May 24. PMID: 29797098; PMCID: PMC5995993.

349: Bartek J Jr, Laugesen C, Mirza S, Forsse A, Petersen MA, Corell A, Dyhrfort PW, Redebrandt HN, Reen L, Zolfaghari S, Tobieson L, Carlsvärd B, Bergholt B, Bashir A, Soerensen P, Bilgin A, Johansson

C, Lindvall P, Förander P, Bellander BM, Springborg JB, Jakola AS. Scandinavian Multicenter Acute Subdural Hematoma (SMASH) Study: Study Protocol for a Multinational Population-Based Consecutive Cohort. *Neurosurgery*. 2019 Mar 1;84(3):799-803. doi: 10.1093/neuros/nyy173. Erratum in: *Neurosurgery*. 2018 Oct 1;83(4):845. PMID: 29762769.

350: Stensjøen AL, Berntsen EM, Jakola AS, Solheim O. When did the glioblastoma start growing, and how much time can be gained from surgical resection? A model based on the pattern of glioblastoma growth in vivo. *Clin Neurol Neurosurg*. 2018 Jul;170:38-42. doi: 10.1016/j.clineuro.2018.04.028. Epub 2018 Apr 24. PMID: 29727799.

351: Ravn Munkvold BK, Sagberg LM, Jakola AS, Solheim O. Preoperative and Postoperative Headache in Patients with Intracranial Tumors. *World Neurosurg*. 2018 Jul;115:e322-e330. doi: 10.1016/j.wneu.2018.04.044. Epub 2018 Apr 17. PMID: 29673824.

352: Nzwalo H, Nogueira J, Guilherme P, Abreu P, Félix C, Ferreira F, Ramallete S, Marreiros A, Tatlisumak T, Thomassen L, Logallo N. Hospital readmissions after spontaneous intracerebral hemorrhage in Southern Portugal. *Clin Neurol Neurosurg*. 2018 Jun;169:144-148. doi: 10.1016/j.clineuro.2018.04.015. Epub 2018 Apr 12. PMID: 29665499.

353: Vakharia VN, Sparks R, Rodionov R, Vos SB, Dorfer C, Miller J, Nilsson D, Tisdall M, Wolfsberger S, McEvoy AW, Miserocchi A, Winston GP, O'Keeffe AG, Ourselin S, Duncan JS. Computer-assisted planning for the insertion of stereoelectroencephalography electrodes for the investigation of drug-resistant focal epilepsy: an external validation study. *J Neurosurg*. 2018 Apr 1;130(2):1-10. doi: 10.3171/2017.10.JNS171826. Epub ahead of print. PMID: 29652234; PMCID: PMC6076995.

354: Munkvold BKR, Jakola AS, Reinertsen I, Sagberg LM, Unsgård G, Solheim O. The Diagnostic Properties of Intraoperative Ultrasound in Glioma Surgery and Factors Associated with Gross Total Tumor Resection. *World Neurosurg*. 2018 Jul;115:e129-e136. doi: 10.1016/j.wneu.2018.03.208. Epub 2018 Apr 6. PMID: 29631086.

355: Nazmi A, Albertsson AM, Rocha-Ferreira E, Zhang X, Vontell R, Zelco A, Rutherford M, Zhu C, Nilsson G, Mallard C, Hagberg H, Lai JCY, Leavenworth JW, Wang X. Lymphocytes Contribute to the Pathophysiology of Neonatal Brain Injury. *Front Neurol*. 2018 Mar 19;9:159. doi: 10.3389/fneur.2018.00159. PMID: 29615958; PMCID: PMC5868390.

356: Révész D, Fröjd V, Rydenhag B, Ben-Menachem E. Estimating Long-Term Vagus Nerve Stimulation Effectiveness: Accounting for Antiepileptic Drug Treatment Changes. *Neuromodulation*. 2018 Dec;21(8):797-804. doi: 10.1111/ner.12775. Epub 2018 Apr 2. PMID: 29608227.

357: Andermann E, Biton V, Benbadis SR, Shneker B, Shah AK, Carreño M, Trinká E, Ben-Menachem E, Biraben A, Rocha F, Gama H, Cheng H, Blum D; Study 301, 302 and 304 Investigators. Psychiatric and cognitive adverse events: A pooled analysis of three phase III trials of adjunctive eslicarbazepine acetate for partial-onset seizures. *Epilepsy Behav*. 2018 May;82:119-127. doi: 10.1016/j.yebeh.2017.12.017. Epub 2018 Mar 28. PMID: 29604484.

358: Paterson RW, Slattery CF, Poole T, Nicholas JM, Magdalinou NK, Toombs J, Chapman MD, Lunn MP, Heslegrave AJ, Foiani MS, Weston PSJ, Keshavan A, Rohrer JD, Rossor MN, Warren JD, Mummery CJ, Blennow K, Fox NC, Zetterberg H, Schott JM. Cerebrospinal fluid in the differential diagnosis of Alzheimer's disease: clinical utility of an extended panel of biomarkers in a specialist cognitive clinic. *Alzheimers Res Ther*. 2018 Mar 20;10(1):32. doi: 10.1186/s13195-018-0361-3. PMID: 29558979; PMCID: PMC5861624.

- 359: Fyllingen EH, Hansen TI, Jakola AS, Håberg AK, Salvesen Ø, Solheim O. Does risk of brain cancer increase with intracranial volume? A population-based case control study. *Neuro Oncol*. 2018 Aug 2;20(9):1225-1230. doi: 10.1093/neuonc/noy043. PMID: 29554311; PMCID: PMC6071652.
- 360: Tatlisumak T, Cucchiara B, Kuroda S, Kasner SE, Putaala J. Nontraumatic intracerebral haemorrhage in young adults. *Nat Rev Neurol*. 2018 Apr;14(4):237-250. doi: 10.1038/nrneurol.2018.17. Epub 2018 Mar 9. PMID: 29521335.
- 361: Thompson AGB, Luk C, Heslegrave AJ, Zetterberg H, Mead SH, Collinge J, Jackson GS. Neurofilament light chain and tau concentrations are markedly increased in the serum of patients with sporadic Creutzfeldt-Jakob disease, and tau correlates with rate of disease progression. *J Neurol Neurosurg Psychiatry*. 2018 Sep;89(9):955-961. doi: 10.1136/jnnp-2017-317793. Epub 2018 Feb 27. PMID: 29487167; PMCID: PMC6109239.
- 362: Bartek J Jr, Sjøvik K, Schaible S, Gulati S, Solheim O, Förander P, Jakola AS. The Role of Angiotensin-Converting Enzyme Inhibitors in Patients with Chronic Subdural Hematoma: A Scandinavian Population-Based Multicenter Study. *World Neurosurg*. 2018 May;113:e555-e560. doi: 10.1016/j.wneu.2018.02.094. Epub 2018 Feb 23. PMID: 29477701.
- 363: Niemelä V, Burman J, Blennow K, Zetterberg H, Larsson A, Sundblom J. Cerebrospinal fluid sCD27 levels indicate active T cell-mediated inflammation in premanifest Huntington's disease. *PLoS One*. 2018 Feb 23;13(2):e0193492. doi: 10.1371/journal.pone.0193492. PMID: 29474427; PMCID: PMC5825143.
- 364: Bettcher BM, Johnson SC, Fitch R, Casaletto KB, Heffernan KS, Asthana S, Zetterberg H, Blennow K, Carlsson CM, Neuhaus J, Bendlin BB, Kramer JH. Cerebrospinal Fluid and Plasma Levels of Inflammation Differentially Relate to CNS Markers of Alzheimer's Disease Pathology and Neuronal Damage. *J Alzheimers Dis*. 2018;62(1):385-397. doi: 10.3233/JAD-170602. PMID: 29439331; PMCID: PMC6007886.
- 365: Nene AV, Rainha Campos A, Grabljevec K, Lopes A, Skoog B, Burns AS. Clinical Assessment of Spasticity in People With Spinal Cord Damage: Recommendations From the Ability Network, an International Initiative. *Arch Phys Med Rehabil*. 2018 Sep;99(9):1917-1926. doi: 10.1016/j.apmr.2018.01.018. Epub 2018 Feb 10. PMID: 29432722.
- 366: Førland MG, Öhrfelt A, Dalen I, Tysnes OB, Blennow K, Zetterberg H, Pedersen KF, Alves G, Lange J. Evolution of cerebrospinal fluid total α -synuclein in Parkinson's disease. *Parkinsonism Relat Disord*. 2018 Apr;49:4-8. doi: 10.1016/j.parkreldis.2018.01.018. Epub 2018 Jan 31. PMID: 29409704.
- 367: Viken HH, Iversen IA, Jakola A, Sagberg LM, Solheim O. When Are Complications After Brain Tumor Surgery Detected? *World Neurosurg*. 2018 Apr;112:e702-e710. doi: 10.1016/j.wneu.2018.01.137. Epub 2018 Jan 31. PMID: 29408648.
- 368: Fehlings D, Brown L, Harvey A, Himmelmann K, Lin JP, Macintosh A, Mink JW, Monbaliu E, Rice J, Silver J, Switzer L, Walters I. Pharmacological and neurosurgical interventions for managing dystonia in cerebral palsy: a systematic review. *Dev Med Child Neurol*. 2018 Apr;60(4):356-366. doi: 10.1111/dmcn.13652. Epub 2018 Feb 6. PMID: 29405267.
- 369: Sandelius Å, Zetterberg H, Blennow K, Adiutori R, Malaspina A, Laura M, Reilly MM, Rossor AM. Plasma neurofilament light chain concentration in the inherited peripheral neuropathies. *Neurology*. 2018 Feb 6;90(6):e518-e524. doi: 10.1212/WNL.0000000000004932. Epub 2018 Jan 10. PMID: 29321234; PMCID: PMC5818017.

- 370: Antonsson M, Jakola A, Longoni F, Carstam L, Hartelius L, Thordstein M, Tisell M. Post-surgical effects on language in patients with presumed low-grade glioma. *Acta Neurol Scand*. 2018 May;137(5):469-480. doi: 10.1111/ane.12887. Epub 2017 Dec 18. PMID: 29265169.
- 371: Guerreiro R, Ross OA, Kun-Rodrigues C, Hernandez DG, Orme T, Eicher JD, Shepherd CE, Parkkinen L, Darwent L, Heckman MG, Scholz SW, Troncoso JC, Pletnikova O, Ansorge O, Clarimon J, Lleo A, Morenas-Rodriguez E, Clark L, Honig LS, Marder K, Lemstra A, Rogaeva E, St George-Hyslop P, Londos E, Zetterberg H, Barber I, Braae A, Brown K, Morgan K, Troakes C, Al-Sarraj S, Lashley T, Holton J, Compta Y, Van Deerlin V, Serrano GE, Beach TG, Lesage S, Galasko D, Masliah E, Santana I, Pastor P, Diez-Fairen M, Aguilar M, Tienari PJ, Myllykangas L, Oinas M, Revesz T, Lees A, Boeve BF, Petersen RC, Ferman TJ, Escott-Price V, Graff-Radford N, Cairns NJ, Morris JC, Pickering-Brown S, Mann D, Halliday GM, Hardy J, Trojanowski JQ, Dickson DW, Singleton A, Stone DJ, Bras J. Investigating the genetic architecture of dementia with Lewy bodies: a two-stage genome-wide association study. *Lancet Neurol*. 2018 Jan;17(1):64-74. doi: 10.1016/S1474-4422(17)30400-3. Epub 2017 Dec 16. PMID: 29263008; PMCID: PMC5805394.
- 372: Zhang X, Rocha-Ferreira E, Li T, Vontell R, Jabin D, Hua S, Zhou K, Nazmi A, Albertsson AM, Sobotka K, Ek J, Thornton C, Hagberg H, Mallard C, Leavenworth JW, Zhu C, Wang X. $\gamma\delta$ T cells but not $\alpha\beta$ T cells contribute to sepsis-induced white matter injury and motor abnormalities in mice. *J Neuroinflammation*. 2017 Dec 20;14(1):255. doi: 10.1186/s12974-017-1029-9. PMID: 29262837; PMCID: PMC5738716.
- 373: Albertsson AM, Zhang X, Vontell R, Bi D, Bronson RT, Supramaniam V, Baburamani AA, Hua S, Nazmi A, Cardell S, Zhu C, Cantor H, Mallard C, Hagberg H, Leavenworth JW, Wang X. $\gamma\delta$ T Cells Contribute to Injury in the Developing Brain. *Am J Pathol*. 2018 Mar;188(3):757-767. doi: 10.1016/j.ajpath.2017.11.012. Epub 2017 Dec 15. PMID: 29248460; PMCID: PMC5840494.
- 374: Jakola AS, Zhang YH, Skjulsvik AJ, Solheim O, Bø HK, Berntsen EM, Reinertsen I, Gulati S, Förander P, Brismar TB. Quantitative texture analysis in the prediction of IDH status in low-grade gliomas. *Clin Neurol Neurosurg*. 2018 Jan;164:114-120. doi: 10.1016/j.clineuro.2017.12.007. Epub 2017 Dec 5. PMID: 29220731.
- 375: Völz S, Spaak J, Elf J, Jägrén C, Lundin C, Stenborg A, Andersson J, Rundqvist B, Kahan T, Andersson B. Renal sympathetic denervation in Sweden: a report from the Swedish registry for renal denervation. *J Hypertens*. 2018 Jan;36(1):151-158. doi: 10.1097/HJH.0000000000001517. PMID: 29210862.
- 376: Satopää J, Meretoja A, Koivunen RJ, Mustanoja S, Putaala J, Kaste M, Strbian D, Tatlisumak T, Niemelä MR. Treatment of intracerebellar haemorrhage: Poor outcome and high long-term mortality. *Surg Neurol Int*. 2017 Nov 9;8:272. doi: 10.4103/sni.sni_168_17. PMID: 29204307; PMCID: PMC5691556.
- 377: Antonsson M, Longoni F, Jakola A, Tisell M, Thordstein M, Hartelius L. Pre- operative language ability in patients with presumed low-grade glioma. *J Neurooncol*. 2018 Mar;137(1):93-102. doi: 10.1007/s11060-017-2699-y. Epub 2017 Dec 1. PMID: 29196925; PMCID: PMC5846960.
- 378: Wenger A, Werlenius K, Hallner A, Thorén FB, Farahmand D, Tisell M, Smits A, Rydenhag B, Jakola AS, Carén H. Determinants for Effective ALECSAT Immunotherapy Treatment on Autologous Patient-Derived Glioblastoma Stem Cells. *Neoplasia*. 2018 Jan;20(1):25-31. doi: 10.1016/j.neo.2017.10.006. Epub 2017 Dec 1. PMID: 29190492; PMCID: PMC5715204.
- 379: Barkhoudarian G, Farahmand D, Louis RG, Oksuz E, Sale D, Villanueva P, Kelly DF. Microsurgical

Endoscope-Assisted Gravity-Aided Transfalcine Approach for Contralateral Metastatic Deep Medial Cortical Tumors. *Oper Neurosurg (Hagerstown)*. 2017 Dec 1;13(6):724-731. doi: 10.1093/ons/opx067. Erratum in: *Oper Neurosurg (Hagerstown)*. 2018 Feb 1;14(2):212. PMID: 29186601.

380: Zetterling M, Berhane L, Alafuzoff I, Jakola AS, Smits A. Prognostic markers for survival in patients with oligodendroglial tumors; a single- institution review of 214 cases. *PLoS One*. 2017 Nov 29;12(11):e0188419. doi: 10.1371/journal.pone.0188419. PMID: 29186201; PMCID: PMC5706698.

381: Tullberg M, Persson J, Petersen J, Hellström P, Wikkelsø C, Lundgren- Nilsson Å. Shunt surgery in idiopathic normal pressure hydrocephalus is cost- effective-a cost utility analysis. *Acta Neurochir (Wien)*. 2018 Mar;160(3):509-518. doi: 10.1007/s00701-017-3394-7. Epub 2017 Nov 17. PMID: 29150794; PMCID: PMC5807454.

382: Eek MN, Olsson K, Lindh K, Askljung B, Pålman M, Corneliusson O, Himmelmann K. Intrathecal baclofen in dyskinetic cerebral palsy: effects on function and activity. *Dev Med Child Neurol*. 2018 Jan;60(1):94-99. doi: 10.1111/dmcn.13625. Epub 2017 Nov 17. PMID: 29148568.

383: Ljung H, Nordlund A, Strandberg M, Bengzon J, Källén K. Verbal memory decline from hippocampal depth electrodes in temporal lobe surgery for epilepsy. *Epilepsia*. 2017 Dec;58(12):2143-2152. doi: 10.1111/epi.13931. Epub 2017 Nov 3. PMID: 29105058.

384: Lewczuk P, Riederer P, O'Bryant SE, Verbeek MM, Dubois B, Visser PJ, Jellinger KA, Engelborghs S, Ramirez A, Parnetti L, Jack CR Jr, Teunissen CE, Hampel H, Lleó A, Jessen F, Glodzik L, de Leon MJ, Fagan AM, Molinuevo JL, Jansen WJ, Winblad B, Shaw LM, Andreasson U, Otto M, Mollenhauer B, Wiltfang J, Turner MR, Zerr I, Handels R, Thompson AG, Johansson G, Ermann N, Trojanowski JQ, Karaca I, Wagner H, Oeckl P, van Waalwijk van Doorn L, Bjerke M, Kapogiannis D, Kuiperij HB, Farotti L, Li Y, Gordon BA, Epelbaum S, Vos SJB, Klijn CJM, Van Nostrand WE, Minguillon C, Schmitz M, Gallo C, Lopez Mato A, Thibaut F, Lista S, Alcolea D, Zetterberg H, Blennow K, Kornhuber J; Members of the WFSBP Task Force Working on this Topic: Peter Riederer, Carla Gallo, Dimitrios Kapogiannis, Andrea Lopez Mato, Florence Thibaut. Cerebrospinal fluid and blood biomarkers for neurodegenerative dementias: An update of the Consensus of the Task Force on Biological Markers in Psychiatry of the World Federation of Societies of Biological Psychiatry. *World J Biol Psychiatry*. 2018 Jun;19(4):244-328. doi: 10.1080/15622975.2017.1375556. Epub 2017 Oct 27. PMID: 29076399; PMCID: PMC5916324.

385: Campbell BB, Light N, Fabrizio D, Zatzman M, Fuligni F, de Borja R, Davidson S, Edwards M, Elvin JA, Hodel KP, Zahurancik WJ, Suo Z, Lipman T, Wimmer K, Kratz CP, Bowers DC, Laetsch TW, Dunn GP, Johanns TM, Grimmer MR, Smirnov IV, Larouche V, Samuel D, Bronsema A, Osborn M, Stearns D, Raman P, Cole KA, Storm PB, Yalon M, Opocher E, Mason G, Thomas GA, Sabel M, George B, Ziegler DS, Lindhorst S, Issai VM, Constantini S, Toledano H, Elhasid R, Farah R, Dvir R, Dirks P, Huang A, Galati MA, Chung J, Ramaswamy V, Irwin MS, Aronson M, Durno C, Taylor MD, Rechavi G, Maris JM, Bouffet E, Hawkins C, Costello JF, Meyn MS, Pursell ZF, Malkin D, Tabori U, Shlien A. Comprehensive Analysis of Hypermutation in Human Cancer. *Cell*. 2017 Nov 16;171(5):1042-1056.e10. doi: 10.1016/j.cell.2017.09.048. Epub 2017 Oct 19. PMID: 29056344; PMCID: PMC5849393.

386: Bartley A, Jakola AS, Bartek J Jr, Sundblom J, Förander P, Marklund N, Tisell M. The Swedish study of Irrigation-fluid temperature in the evacuation of Chronic subdural hematoma (SIC!): study protocol for a multicenter randomized controlled trial. *Trials*. 2017 Oct 11;18(1):471. doi: 10.1186/s13063-017-2194-y. PMID: 29021000; PMCID: PMC5637093.

387: Meyer B, Baranto A, Schils F, Collignon F, Zoega B, Tan L, LeHuec JC; NICE Trial Study Group. Percutaneous Interspinous Spacer vs Decompression in Patients with Neurogenic Claudication: An Alternative in Selected Patients? *Neurosurgery*. 2018 May 1;82(5):621-629. doi:

10.1093/neuros/nyx326. PMID: 28973638; PMCID: PMC6018837.

388: Fornebo I, Sjøvik K, Alibeck M, Kristiansson H, Ståhl F, Förander P, Jakola AS, Bartek J Jr. Role of antithrombotic therapy in the risk of hematoma recurrence and thromboembolism after chronic subdural hematoma evacuation: a population-based consecutive cohort study. *Acta Neurochir (Wien)*. 2017 Nov;159(11):2045-2052. doi: 10.1007/s00701-017-3330-x. Epub 2017 Sep 27. PMID: 28956170; PMCID: PMC5636853.

389: Munkvold BKR, Bø HK, Jakola AS, Reinertsen I, Berntsen EM, Unsgård G, Torp SH, Solheim O. Tumor Volume Assessment in Low-Grade Gliomas: A Comparison of Preoperative Magnetic Resonance Imaging to Coregistered Intraoperative 3-Dimensional Ultrasound Recordings. *Neurosurgery*. 2018 Aug 1;83(2):288-296. doi: 10.1093/neuros/nyx392. PMID: 28945871.

390: Adam A, Robison J, Lu J, Jose R, Badran N, Vivas-Buitrago T, Rigamonti D, Sattar A, Omoush O, Hammad M, Dawood M, Maghaslah M, Belcher T, Carson K, Hoffberger J, Jusué Torres I, Foley S, Yasar S, Thai QA, Wemmer J, Klinge P, Al-Mutawa L, Al-Ghamdi H, Carson KA, Asgari M, de Zélicourt D, Kurtcuoglu V, Garnotel S, Salmon S, Balédent O, Lokossou A, Page G, Balardy L, Czosnyka Z, Payoux P, Schmidt EA, Zitoun M, Sevestre MA, Alperin N, Baudracco I, Craven C, Matloob S, Thompson S, Haylock Vize P, Thorne L, Watkins LD, Toma AK, Bechter K, Pong AC, Jugé L, Bilston LE, Cheng S, Bradley W, Hakim F, Ramón JF, Cárdenas MF, Davidson JS, García C, González D, Bermúdez S, Useche N, Mejía JA, Mayorga P, Cruz F, Martinez C, Matiz MC, Vallejo M, Ghotme K, Soto HA, Riveros D, Buitrago A, Mora M, Murcia L, Bermudez S, Cohen D, Dasgupta D, Curtis C, Domínguez L, Remolina AJ, Grijalba MA, Whitehouse KJ, Edwards RJ, Eleftheriou A, Lundin F, Fountas KN, Kapsalaki EZ, Smisson HF, Robinson JS, Fritsch MJ, Arouk W, Garzon M, Kang M, Sandhu K, Baghawatti D, Aquilina K, James G, Thompson D, Gehlen M, Schmid Daners M, Eklund A, Malm J, Gomez D, Guerra M, Jara M, Flores M, Vío K, Moreno I, Rodríguez S, Ortega E, Rodríguez EM, McAllister JP, Guerra MM, Morales DM, Sival D, Jimenez A, Limbrick DD, Ishikawa M, Yamada S, Yamamoto K, Junkkari A, Häyrynen A, Rauramaa T, Sintonen H, Nerg O, Koivisto AM, Roine RP, Viinamäki H, Soininen H, Luikku A, Jääskeläinen JE, Leinonen V, Kehler U, Lilja-Lund O, Kockum K, Larsson EM, Riklund K, Söderström L, Hellström P, Laurell K, Kojoukhova M, Sutela A, Vanninen R, Vanha KI, Timonen M, Rummukainen J, Korhonen V, Helisalmi S, Solje E, Remes AM, Huovinen J, Paananen J, Hiltunen M, Kurki M, Martin B, Loth F, Luciano M, Luikku AJ, Hall A, Herukka SK, Mattila J, Lötjönen J, Alafuzoff I, Jurjević I, Miyajima M, Nakajima M, Murai H, Shin T, Kawaguchi D, Akiba C, Ogino I, Karagiozov K, Arai H, Reis RC, Teixeira MJ, Valêncio CG, da Vigua D, Almeida-Lopes L, Mancini MW, Pinto FCG, Maykot RH, Calia G, Tornai J, Silvestre SSS, Mendes G, Sousa V, Bezerra B, Dutra P, Modesto P, Oliveira MF, Petitto CE, Pulhorn H, Chandran A, McMahon C, Rao AS, Jumaly M, Solomon D, Moghekar A, Relkin N, Hamilton M, Katzen H, Williams M, Bach T, Zuspan S, Holubkov R, Rigamonti A, Clemens G, Sharkey P, Sanyal A, Sankey E, Rigamonti K, Naqvi S, Hung A, Schmidt E, Ory-Magne F, Gantet P, Guenego A, Januel AC, Tall P, Fabre N, Mahieu L, Cognard C, Gray L, Buttner-Ennever JA, Takagi K, Onouchi K, Thompson SD, Thorne LD, Tully HM, Wenger TL, Kukull WA, Doherty D, Dobyns WB, Moran D, Vakili S, Patel MA, Elder B, Goodwin CR, Crawford JA, Pletnikov MV, Xu J, Blitz A, Herzka DA, Guerrero-Cazares H, Quiñones-Hinojosa A, Mori S, Saavedra P, Treviño H, Maitani K, Ziai WC, Eslami V, Nekoovaght-Tak S, Dlugash R, Yenokyan G, McBee N, Hanley DF. Abstracts from Hydrocephalus 2016. *Fluids Barriers CNS*. 2017 Jun 7;14(Suppl 1):15. doi: 10.1186/s12987-017-0054-5. PMID: 28929972; PMCID: PMC5471936.

391: Craven CL, Baudracco I, Zetterberg H, Lunn MPT, Chapman MD, Lakdawala N, Watkins LD, Toma AK. The predictive value of T-tau and AB1-42 levels in idiopathic normal pressure hydrocephalus. *Acta Neurochir (Wien)*. 2017 Dec;159(12):2293-2300. doi: 10.1007/s00701-017-3314-x. Epub 2017 Sep 9. PMID: 28889317; PMCID: PMC5686256.

392: Kousoula K, Farmaki K, Skoglund T, Olsson DS, Johannsson G, Trimpou P, Ragnarsson O. The

impact of adjustments to the diagnostic criteria for biochemical remission in surgically treated patients with acromegaly. *Growth Horm IGF Res.* 2017 Oct;36:16-21. doi: 10.1016/j.ghir.2017.08.003. Epub 2017 Aug 24. PMID: 28846862.

393: Bartek J Jr, Sjøvik K, Kristiansson H, Ståhl F, Fornebo I, Förander P, Jakola AS. Predictors of Recurrence and Complications After Chronic Subdural Hematoma Surgery: A Population-Based Study. *World Neurosurg.* 2017 Oct;106:609-614. doi: 10.1016/j.wneu.2017.07.044. Epub 2017 Jul 19. PMID: 28735129.

394: Satopää J, Mustanoja S, Meretoja A, Putaala J, Kaste M, Niemelä M, Tatlisumak T, Strbian D. Comparison of all 19 published prognostic scores for intracerebral hemorrhage. *J Neurol Sci.* 2017 Aug 15;379:103-108. doi: 10.1016/j.jns.2017.05.034. Epub 2017 May 17. PMID: 28716217.

395: Reiner AT, Witwer KW, van Balkom BWM, de Beer J, Brodie C, Corteling RL, Gabrielsson S, Gimona M, Ibrahim AG, de Kleijn D, Lai CP, Lötvall J, Del Portillo HA, Reischl IG, Riazifar M, Salomon C, Tahara H, Toh WS, Wauben MHM, Yang VK, Yang Y, Yeo RWY, Yin H, Giebel B, Rohde E, Lim SK. Concise Review: Developing Best-Practice Models for the Therapeutic Use of Extracellular Vesicles. *Stem Cells Transl Med.* 2017 Aug;6(8):1730-1739. doi: 10.1002/sctm.17-0055. Epub 2017 Jul 17. PMID: 28714557; PMCID: PMC5689784.

396: Hallén T, Maltese G, Olsson R, Tarnow P, Kölby L. Cranioplasty without Periosteal Dissection Reduces Blood Loss in Pi-Plasty Surgery for Sagittal Synostosis. *Pediatr Neurosurg.* 2017;52(4):284-287. doi: 10.1159/000477444. Epub 2017 Jul 8. PMID: 28693016.

397: Hopper I, Gronda E, Hoppe UC, Rundqvist B, Marwick TH, Shetty S, Hayward C, Lambert T, Hering D, Esler M, Schlaich M, Walton A, Airolidi F, Brandt MC, Cohen SA, Reiters P, Krum H. Sympathetic Response and Outcomes Following Renal Denervation in Patients With Chronic Heart Failure: 12-Month Outcomes From the Symplicity HF Feasibility Study. *J Card Fail.* 2017 Sep;23(9):702-707. doi: 10.1016/j.cardfail.2017.06.004. Epub 2017 Jun 20. PMID: 28645757.

398: Sjøvik K, Bartek J Jr, Sagberg LM, Henriksen ML, Gulati S, Ståhl FL, Kristiansson H, Solheim O, Förander P, Jakola AS. Assessment of drainage techniques for evacuation of chronic subdural hematoma: a consecutive population-based comparative cohort study. *J Neurosurg.* 2017 Jun 23:1-7. doi: 10.3171/2016.12.JNS161713. Epub ahead of print. PMID: 28644099.

399: Engelborghs S, Niemantsverdriet E, Struyfs H, Blennow K, Brouns R, Comabella M, Dujmovic I, van der Flier W, Frölich L, Galimberti D, Gnanapavan S, Hemmer B, Hoff E, Hort J, Iacobaeus E, Ingelsson M, Jan de Jong F, Jonsson M, Khalil M, Kuhle J, Lleó A, de Mendonça A, Molinuevo JL, Nagels G, Paquet C, Parnetti L, Roks G, Rosa-Neto P, Scheltens P, Skårsgard C, Stomrud E, Tumani H, Visser PJ, Wallin A, Winblad B, Zetterberg H, Duits F, Teunissen CE. Consensus guidelines for lumbar puncture in patients with neurological diseases. *Alzheimers Dement (Amst).* 2017 May 18;8:111-126. doi: 10.1016/j.dadm.2017.04.007. PMID: 28603768; PMCID: PMC5454085.

400: Hammarstrand C, Ragnarsson O, Hallén T, Andersson E, Skoglund T, Nilsson AG, Johannsson G, Olsson DS. Higher glucocorticoid replacement doses are associated with increased mortality in patients with pituitary neuroendocrine tumor. *Eur J Endocrinol.* 2017 Sep;177(3):251-256. doi: 10.1530/EJE-17-0340. Epub 2017 Jun 8. PMID: 28596421.

401: Putaala J, Martinez-Majander N, Saeed S, Yesilot N, Jäkälä P, Nerg O, Tsivgoulis G, Numminen H, Gordin D, von Sarnowski B, Waje-Andreassen U, Ylikotila P, Roine RO, Zedde M, Huhtakangas J, Fonseca C, Redfors P, de Leeuw FE, Pezzini A, Kõrv J, Schneider S, Tanislav C, Enzinger C, Jatuzis D, Siegerink B, Martínez-Sánchez P, Grau AJ, Palm F, Groop PH, Lanthier S, Ten Cate H, Pussinen P, Paju

S, Sinisalo J, Lehto M, Lindgren A, Ferro J, Kittner S, Fazekas F, Gerds E, Tatlisumak T. Searching for Explanations for Cryptogenic Stroke in the Young: Revealing the Triggers, Causes, and Outcome (SECRETO): Rationale and design. *Eur Stroke J*. 2017 Jun;2(2):116-125. doi:

10.1177/2396987317703210. Epub 2017 Apr 4. PMID: 31008307; PMCID: PMC6453214.

402: Jakola AS, Skjulsvik AJ, Myrnes KS, Sjøvik K, Unsgård G, Torp SH, Aaberg K, Berg T, Dai HY, Johnsen K, Kloster R, Solheim O. Surgical resection versus watchful waiting in low-grade gliomas. *Ann Oncol*. 2017 Aug 1;28(8):1942-1948. doi: 10.1093/annonc/mdx230. PMID: 28475680; PMCID: PMC5834105.

403: Rofes A, Mandonnet E, Godden J, Baron MH, Colle H, Darlix A, de Aguiar V, Duffau H, Herbet G, Klein M, Lubrano V, Martino J, Mathew R, Miceli G, Moritz- Gasser S, Pallud J, Papagno C, Rech F, Robert E, Rutten GJ, Santarius T, Satoer D, Sierpowska J, Smits A, Skrap M, Spena G, Visch E, De Witte E, Zetterling M, Wager M. Survey on current cognitive practices within the European Low-Grade Glioma Network: towards a European assessment protocol. *Acta Neurochir (Wien)*. 2017 Jul;159(7):1167-1178. doi: 10.1007/s00701-017-3192-2. Epub 2017 May 4. PMID: 28474122.

404: Kölby D, Fischer S, Arab K, Maltese G, Olsson R, Paganini A, Tarnow P, Kölby L. Craniotomy of the Fused Sagittal Suture Over the Superior Sagittal Sinus Is a Safe Procedure. *J Craniofac Surg*. 2017 May;28(3):650-653. doi: 10.1097/SCS.0000000000003440. PMID: 28468142.

405: Hibar DP, Westlye LT, Doan NT, Jahanshad N, Cheung JW, Ching CRK, Versace A, Bilderbeck AC, Uhlmann A, Mwangi B, Krämer B, Overs B, Hartberg CB, Abé C, Dima D, Grotegerd D, Sprouten E, Bøen E, Jimenez E, Howells FM, Delvecchio G, Temmingh H, Starke J, Almeida JRC, Goikolea JM, Houenou J, Beard LM, Rauer L, Abramovic L, Bonnin M, Ponteduro MF, Keil M, Rive MM, Yao N, Yalin N, Najt P, Rosa PG, Redlich R, Trost S, Hagenaars S, Fears SC, Alonso-Lana S, van Erp TGM, Nickson T, Chaim-Avancini TM, Meier TB, Elvsåshagen T, Haukvik UK, Lee WH, Schene AH, Lloyd AJ, Young AH, Nugent A, Dale AM, Pfennig A, McIntosh AM, Lafer B, Baune BT, Ekman CJ, Zarate CA, Bearden CE, Henry C, Simhandl C, McDonald C, Bourne C, Stein DJ, Wolf DH, Cannon DM, Glahn DC, Veltman DJ, Pomarol-Clotet E, Vieta E, Canales-Rodriguez EJ, Nery FG, Duran FLS, Busatto GF, Roberts G, Pearson GD, Goodwin GM, Kugel H, Whalley HC, Ruhe HG, Soares JC, Fullerton JM, Rybakowski JK, Savitz J, Chaim KT, Fatjó-Vilas M, Soeiro-de-Souza MG, Boks MP, Zanetti MV, Otaduy MCG, Schaufelberger MS, Alda M, Ingvar M, Phillips ML, Kempton MJ, Bauer M, Landén M, Lawrence NS, van Haren NEM, Horn NR, Freimer NB, Gruber O, Schofield PR, Mitchell PB, Kahn RS, Lenroot R, Machado-Vieira R, Ophoff RA, Sarró S, Frangou S, Satterthwaite TD, Hajek T, Dannlowski U, Malt UF, Arolt V, Gattaz WF, Drevets WC, Caseras X, Agartz I, Thompson PM, Andreassen OA. Cortical abnormalities in bipolar disorder: an MRI analysis of 6503 individuals from the ENIGMA Bipolar Disorder Working Group. *Mol Psychiatry*. 2018 Apr;23(4):932-942. doi: 10.1038/mp.2017.73. Epub 2017 May 2. PMID: 28461699; PMCID: PMC5668195.

406: Tomić TT, Olausson J, Wilzén A, Sabel M, Truvé K, Sjögren H, Dósa S, Tisell M, Lannering B, Enlund F, Martinsson T, Åman P, Abel F. A new GTF2I-BRAF fusion mediating MAPK pathway activation in pilocytic astrocytoma. *PLoS One*. 2017 Apr 27;12(4):e0175638. doi: 10.1371/journal.pone.0175638. Erratum in: *PLoS One*. 2017 Sep 7;12 (9):e0184715. PMID: 28448514; PMCID: PMC5407815.

407: Lane CA, Parker TD, Cash DM, Macpherson K, Donnachie E, Murray-Smith H, Barnes A, Barker S, Beasley DG, Bras J, Brown D, Burgos N, Byford M, Jorge Cardoso M, Carvalho A, Collins J, De Vita E, Dickson JC, Epie N, Espak M, Henley SMD, Hoskote C, Hutel M, Klimova J, Malone IB, Markiewicz P, Melbourne A, Modat M, Schrag A, Shah S, Sharma N, Sudre CH, Thomas DL, Wong A, Zhang H, Hardy J, Zetterberg H, Ourselin S, Crutch SJ, Kuh D, Richards M, Fox NC, Schott JM. Study protocol: Insight 46 - a neuroscience sub-study of the MRC National Survey of Health and Development. *BMC Neurol*. 2017

Apr 18;17(1):75. doi: 10.1186/s12883-017-0846-x. PMID: 28420323; PMCID: PMC5395844.

408: Persson O, Bartek J Jr, Shalom NB, Wangerid T, Jakola AS, Förander P. Stereotactic radiosurgery vs. fractionated radiotherapy for tumor control in vestibular schwannoma patients: a systematic review. *Acta Neurochir (Wien)*. 2017 Jun;159(6):1013-1021. doi: 10.1007/s00701-017-3164-6. Epub 2017 Apr 13. PMID: 28409393; PMCID: PMC5425507.

409: Skoch J, Adelson PD, Bhatia S, Greiner HM, Rydenhag B, Scavarda D, Mangano FT. Subdural grid and depth electrode monitoring in pediatric patients. *Epilepsia*. 2017 Apr;58 Suppl 1:56-65. doi: 10.1111/epi.13685. PMID: 28386924.

410: Bartek J Jr, Sjøvik K, Ståhl F, Kristiansson H, Solheim O, Gulati S, Sagberg LM, Förander P, Jakola AS. Surgery for chronic subdural hematoma in nonagenarians: A Scandinavian population-based multicenter study. *Acta Neurol Scand*. 2017 Nov;136(5):516-520. doi: 10.1111/ane.12764. Epub 2017 Apr 6. PMID: 28382656.

411: Stensjøen AL, Berntsen EM, Mikkelsen VE, Torp SH, Jakola AS, Salvesen Ø, Solheim O. Does Pretreatment Tumor Growth Hold Prognostic Information for Patients with Glioblastoma? *World Neurosurg*. 2017 May;101:686-694.e4. doi: 10.1016/j.wneu.2017.03.012. Epub 2017 Mar 11. PMID: 28300718.

412: Rabiei K, Hellström P, Högfeldt-Johansson M, Tisell M. Does subjective improvement in adults with intracranial arachnoid cysts justify surgical treatment? *J Neurosurg*. 2018 Jan;128(1):250-257. doi: 10.3171/2016.9.JNS161139. Epub 2017 Feb 17. PMID: 28298013.

413: Ljungqvist J, Candefjord S, Persson M, Jönsson L, Skoglund T, Elam M. Clinical Evaluation of a Microwave-Based Device for Detection of Traumatic Intracranial Hemorrhage. *J Neurotrauma*. 2017 Jul 1;34(13):2176-2182. doi: 10.1089/neu.2016.4869. Epub 2017 Mar 13. PMID: 28287909; PMCID: PMC5510669.

414: Shahim P, Tegner Y, Marklund N, Höglund K, Portelius E, Brody DL, Blennow K, Zetterberg H. Astroglial activation and altered amyloid metabolism in human repetitive concussion. *Neurology*. 2017 Apr 11;88(15):1400-1407. doi: 10.1212/WNL.0000000000003816. Epub 2017 Mar 10. PMID: 28283595; PMCID: PMC5386435.

415: Traenka C, Dougoud D, Simonetti BG, Metso TM, Debette S, Pezzini A, Kloss M, Grond-Ginsbach C, Majersik JJ, Worrall BB, Leys D, Baumgartner R, Caso V, Béjot Y, Compter A, Reiner P, Thijs V, Southerland AM, Bersano A, Brandt T, Gensicke H, Touzé E, Martin JJ, Chabriat H, Tatlisumak T, Lyrer P, Arnold M, Engelter ST; CADISP-Plus Study Group. Cervical artery dissection in patients ≥ 60 years: Often painless, few mechanical triggers. *Neurology*. 2017 Apr 4;88(14):1313-1320. doi: 10.1212/WNL.0000000000003788. Epub 2017 Mar 3. PMID: 28258079.

416: Calkins DJ, Pekny M, Cooper ML, Benowitz L; Lasker/IRRF Initiative on Astrocytes and Glaucomatous Neurodegeneration Participants. The challenge of regenerative therapies for the optic nerve in glaucoma. *Exp Eye Res*. 2017 Apr;157:28-33. doi: 10.1016/j.exer.2017.01.007. Epub 2017 Jan 30. PMID: 28153739; PMCID: PMC5937264.

417: Ljungqvist J, Nilsson D, Ljungberg M, Esbjörnsson E, Eriksson-Ritzén C, Skoglund T. Longitudinal changes in diffusion tensor imaging parameters of the corpus callosum between 6 and 12 months after diffuse axonal injury. *Brain Inj*. 2017;31(3):344-350. doi: 10.1080/02699052.2016.1256500. Epub 2017 Jan 27. PMID: 28128655.

418: Shorvon SD, Trinkaus E, Steinhoff BJ, Holtkamp M, Villanueva V, Peltola J, Ben-Menachem E.

Eslicarbazepine acetate: its effectiveness as adjunctive therapy in clinical trials and open studies. *J Neurol.* 2017 Mar;264(3):421-431. doi: 10.1007/s00415-016-8338-2. Epub 2017 Jan 18. PMID: 28101651; PMCID: PMC5336540.

419: Gulati S, Madsbu MA, Solberg TK, Sørli A, Giannidakis C, Skram MK, Nygaard ØP, Jakola AS. Lumbar microdiscectomy for sciatica in adolescents: a multicentre observational registry-based study. *Acta Neurochir (Wien).* 2017 Mar;159(3):509-516. doi: 10.1007/s00701-017-3077-4. Epub 2017 Jan 16. PMID: 28091818; PMCID: PMC5306165.

420: Sarudis S, Karlsson Hauer A, Nyman J, Bäck A. Systematic evaluation of lung tumor motion using four-dimensional computed tomography. *Acta Oncol.* 2017 Apr;56(4):525-530. doi: 10.1080/0284186X.2016.1274049. Epub 2017 Jan 11. PMID: 28075183.

421: Vogt VL, Äikiä M, Del Barrio A, Boon P, Borbély C, Bran E, Braun K, Carette E, Clark M, Cross JH, Dimova P, Fabo D, Foroglou N, Francione S, Gersamia A, Gil-Nagel A, Guekht A, Harrison S, Hecimovic H, Heminghyt E, Hirsch E, Javurkova A, Kälviäinen R, Kavan N, Kelemen A, Kimiskidis VK, Kirschner M, Kleitz C, Kobulashvili T, Kosmidis MH, Kurtish SY, Lesourd M, Ljunggren S, Lossius MI, Malmgren K, Mameniskienė R, Martin-Sanfilippo P, Marusic P, Miatton M, Özkara Ç, Pelle F, Rubboli G, Rudebeck S, Rylvlin P, van Schooneveld M, Schmid E, Schmidt PM, Seeck M, Steinhoff BJ, Shavel-Jessop S, Tarta-Arsene O, Trinka E, Viggedal G, Wendling AS, Witt JA, Helmstaedter C; E-PILEPSY consortium. Current standards of neuropsychological assessment in epilepsy surgery centers across Europe. *Epilepsia.* 2017 Mar;58(3):343-355. doi: 10.1111/epi.13646. Epub 2017 Jan 9. PMID: 28067423.

422: Meyer E, Carss KJ, Rankin J, Nichols JM, Grozeva D, Joseph AP, Mencacci NE, Papandreou A, Ng J, Barral S, Ngho A, Ben-Pazi H, Willemsen MA, Arkadir D, Barnicoat A, Bergman H, Bhate S, Boys A, Darin N, Foulds N, Gutowski N, Hills A, Houlden H, Hurst JA, Israel Z, Kaminska M, Limousin P, Lumsden D, McKee S, Misra S, Mohammed SS, Nakou V, Nicolai J, Nilsson M, Pall H, Peall KJ, Peters GB, Prabhakar P, Reuter MS, Rump P, Segel R, Sinnema M, Smith M, Turnpenny P, White SM, Wieczorek D, Wiethoff S, Wilson BT, Winter G, Wragg C, Pope S, Heales SJ, Morrogh D; UK10K Consortium; Deciphering Developmental Disorders Study; NIHR BioResource Rare Diseases Consortium, Pittman A, Carr LJ, Perez-Dueñas B, Lin JP, Reis A, Gahl WA, Toro C, Bhatia KP, Wood NW, Kamsteeg EJ, Chong WK, Gissen P, Topf M, Dale RC, Chubb JR, Raymond FL, Kurian MA. Mutations in the histone methyltransferase gene KMT2B cause complex early-onset dystonia. *Nat Genet.* 2017 Feb;49(2):223-237. doi: 10.1038/ng.3740. Epub 2016 Dec 19. Erratum in: *Nat Genet.* 2017 May 26;49(6):969. PMID: 27992417.

423: Jakola AS, Solheim O, Gulati S, Sagberg LM. Is there a response shift in generic health-related quality of life 6 months after glioma surgery? *Acta Neurochir (Wien).* 2017 Feb;159(2):377-384. doi: 10.1007/s00701-016-3040-9. Epub 2016 Dec 7. PMID: 27928631; PMCID: PMC5241331.

424: Lilja Y, Gustafsson O, Ljungberg M, Starck G, Lindblom B, Skoglund T, Bergquist H, Jakobsson KE, Nilsson D. Visual pathway impairment by pituitary adenomas: quantitative diagnostics by diffusion tensor imaging. *J Neurosurg.* 2017 Sep;127(3):569-579. doi: 10.3171/2016.8.JNS161290. Epub 2016 Nov 25. PMID: 27885957.

425: Cotlarciuc I, Marjot T, Khan MS, Hiltunen S, Haapaniemi E, Metso TM, Putaala J, Zuurbier SM, Brouwer MC, Passamonti SM, Bucciarelli P, Pappalardo E, Patel T, Costa P, Colombi M, Canhão P, Tkach A, Santacroce R, Margaglione M, Favuzzi G, Grandone E, Colaizzo D, Spengos K, Arauz A, Hodge A, Ditta R, Debette S, Zedde M, Pare G, Ferro JM, Thijs V, Pezzini A, Majersik JJ, Martinelli I, Coutinho JM, Tatlisumak T, Sharma P; ISGC (International Stroke Genetics Consortium) and BEAST investigators. Towards the genetic basis of cerebral venous thrombosis-the BEAST Consortium: a study protocol. *BMJ Open.* 2016 Nov 22;6(11):e012351. doi: 10.1136/bmjopen-2016-012351. PMID: 27881526; PMCID:

PMC5128947.

- 426: Weber C, Lønne G, Rao V, Jakola AS, Solheim O, Nerland U, Rossvoll I, Nygaard ØP, Peul WC, Gulati S. Surgical management of lumbar spinal stenosis: a survey among Norwegian spine surgeons. *Acta Neurochir (Wien)*. 2017 Jan;159(1):191-197. doi: 10.1007/s00701-016-3020-0. Epub 2016 Nov 15. PMID: 27848083.
- 427: Malmgren K, Edelvik A. Long-term outcomes of surgical treatment for epilepsy in adults with regard to seizures, antiepileptic drug treatment and employment. *Seizure*. 2017 Jan;44:217-224. doi: 10.1016/j.seizure.2016.10.015. Epub 2016 Oct 21. PMID: 27839670.
- 428: Bø HK, Solheim O, Jakola AS, Kvistad KA, Reinertsen I, Berntsen EM. Intra- rater variability in low-grade glioma segmentation. *J Neurooncol*. 2017 Jan;131(2):393-402. doi: 10.1007/s11060-016-2312-9. Epub 2016 Nov 11. PMID: 27837437.
- 429: Szalisznyó K, Silverstein D, Teichmann M, Duffau H, Smits A. Cortico- striatal language pathways dynamically adjust for syntactic complexity: A computational study. *Brain Lang*. 2017 Jan;164:53-62. doi: 10.1016/j.bandl.2016.08.005. Epub 2016 Oct 25. PMID: 27792887.
- 430: Nyman J, Hallqvist A, Lund JÅ, Brustugun OT, Bergman B, Bergström P, Friesland S, Lewensohn R, Holmberg E, Lax I. SPACE - A randomized study of SBRT vs conventional fractionated radiotherapy in medically inoperable stage I NSCLC. *Radiother Oncol*. 2016 Oct;121(1):1-8. doi: 10.1016/j.radonc.2016.08.015. Epub 2016 Sep 3. PMID: 27600155.
- 431: Giannadakis C, Solheim O, Jakola AS, Nordseth T, Gulati AM, Nerland US, Nygaard ØP, Solberg TK, Gulati S. Surgery for Lumbar Spinal Stenosis in Individuals Aged 80 and Older: A Multicenter Observational Study. *J Am Geriatr Soc*. 2016 Oct;64(10):2011-2018. doi: 10.1111/jgs.14311. Epub 2016 Sep 9. PMID: 27611928.
- 432: Sandén E, Enríquez Pérez J, Visse E, Kool M, Carén H, Siesjö P, Darabi A. Preoperative systemic levels of VEGFA, IL-7, IL-17A, and TNF- β delineate two distinct groups of children with brain tumors. *Pediatr Blood Cancer*. 2016 Dec;63(12):2112-2122. doi: 10.1002/pbc.26158. Epub 2016 Jul 29. PMID: 27472224.
- 433: Keshavan A, Heslegrave A, Zetterberg H, Schott JM. Blood Biomarkers for Alzheimer's Disease: Much Promise, Cautious Progress. *Mol Diagn Ther*. 2017 Feb;21(1):13-22. doi: 10.1007/s40291-016-0241-0. PMID: 27738910.
- 434: Kristian S, Christer D. Facial Blushing: Patient Selection and Long-Term Results. *Thorac Surg Clin*. 2016 Nov;26(4):459-463. doi: 10.1016/j.thorsurg.2016.06.011. Epub 2016 Aug 4. PMID: 27692205.
- 435: Miller AM, Rutkowska A, Bahl JM, Herukka SK, Koel-Simmelink MJ, Kruse N, Mollenhauer B, Siloaho M, Skinningsrud A, Zetterberg H, Teunissen CE, Lawlor BA. Multicenter immunoassay validation of cerebrospinal fluid neurofilament light: a biomarker for neurodegeneration. *Bioanalysis*. 2016 Nov;8(21):2243-2254. doi: 10.4155/bio-2016-0114. Epub 2016 Sep 29. PMID: 27684648.
- 436: Kun-Rodrigues C, Ross OA, Orme T, Shepherd C, Parkkinen L, Darwent L, Hernandez D, Ansorge O, Clark LN, Honig LS, Marder K, Lemstra A, Scheltens P, van der Flier W, Louwersheimer E, Holstege H, Rogaeva E, St George-Hyslop P, Londos E, Zetterberg H, Barber I, Braae A, Brown K, Morgan K, Maetzler W, Berg D, Troakes C, Al-Sarraj S, Lashley T, Holton J, Compta Y, Van Deerlin V, Trojanowski JQ, Serrano GE, Beach TG, Clarimon J, Lleó A, Morenas-Rodríguez E, Lesage S, Galasko D, Masliah E, Santana I, Diez M, Pastor P, Tienari PJ, Myllykangas L, Oinas M, Revesz T, Lees A, Boeve BF, Petersen RC, Ferman TJ, Escott-Price V, Graff-Radford N, Cairns NJ, Morris JC, Stone DJ, Pickering-Brown S, Mann

- D, Dickson DW, Halliday GM, Singleton A, Guerreiro R, Bras J. Analysis of C9orf72 repeat expansions in a large international cohort of dementia with Lewy bodies. *Neurobiol Aging*. 2017 Jan;49:214.e13-214.e15. doi: 10.1016/j.neurobiolaging.2016.08.023. Epub 2016 Sep 2. PMID: 27666590; PMCID: PMC5154872.
- 437: Lewczuk P, Lelental N, Lachmann I, Holzer M, Flach K, Brandner S, Engelborghs S, Teunissen CE, Zetterberg H, Molinuevo JL, Mroczko B, Blennow K, Popp J, Parnetti L, Chiasserini D, Perret-Liaudet A, Spitzer P, Maler JM, Kornhuber J. Non-Phosphorylated Tau as a Potential Biomarker of Alzheimer's Disease: Analytical and Diagnostic Characterization. *J Alzheimers Dis*. 2017;55(1):159-170. doi: 10.3233/JAD-160448. PMID: 27662295.
- 438: Saarela M, Mustanoja S, Pekkola J, Tyni T, Hernesniemi J, Kivipelto L, Tatlisumak T. Moyamoya vasculopathy - Patient demographics and characteristics in the Finnish population. *Int J Stroke*. 2017 Jan;12(1):90-95. doi: 10.1177/1747493016669847. Epub 2016 Sep 24. PMID: 27625049.
- 439: Jesse S, Bråthen G, Ferrara M, Keindl M, Ben-Menachem E, Tanasescu R, Brodtkorb E, Hillbom M, Leone MA, Ludolph AC. Alcohol withdrawal syndrome: mechanisms, manifestations, and management. *Acta Neurol Scand*. 2017 Jan;135(1):4-16. doi: 10.1111/ane.12671. Epub 2016 Sep 1. PMID: 27586815; PMCID: PMC6084325.
- 440: Engquist M, Löfgren H, Öberg B, Holtz A, Peolsson A, Söderlund A, Vavruch L, Lind B. A 5- to 8-year randomized study on the treatment of cervical radiculopathy: anterior cervical decompression and fusion plus physiotherapy versus physiotherapy alone. *J Neurosurg Spine*. 2017 Jan;26(1):19-27. doi: 10.3171/2016.6.SPINE151427. Epub 2016 Aug 26. PMID: 27564856.
- 441: Ljungqvist J, Zetterberg H, Mitsis M, Blennow K, Skoglund T. Serum Neurofilament Light Protein as a Marker for Diffuse Axonal Injury: Results from a Case Series Study. *J Neurotrauma*. 2017 Mar 1;34(5):1124-1127. doi: 10.1089/neu.2016.4496. Epub 2016 Oct 13. PMID: 27539721.
- 442: Jeppsson A, Höltta M, Zetterberg H, Blennow K, Wikkelsø C, Tullberg M. Amyloid mis-metabolism in idiopathic normal pressure hydrocephalus. *Fluids Barriers CNS*. 2016 Jul 29;13(1):13. doi: 10.1186/s12987-016-0037-y. PMID: 27472944; PMCID: PMC4967298.
- 443: Beniczky S, Neufeld M, Diehl B, Dobesberger J, Trinka E, Mameniskiene R, Rheims S, Gil-Nagel A, Craiu D, Pressler R, Krysl D, Lebedinsky A, Tassi L, Rubboli G, Ryvlin P. Testing patients during seizures: A European consensus procedure developed by a joint taskforce of the ILAE - Commission on European Affairs and the European Epilepsy Monitoring Unit Association. *Epilepsia*. 2016 Sep;57(9):1363-8. doi: 10.1111/epi.13472. Epub 2016 Jul 21. PMID: 27440172.
- 444: Gatzinsky K, Baardsen R, Buschman HP. Evaluation of the Effectiveness of Percutaneous Octapolar Leads in Pain Treatment with Spinal Cord Stimulation of Patients with Failed Back Surgery Syndrome During a 1-Year Follow-Up: A Prospective Multicenter International Study. *Pain Pract*. 2017 Apr;17(4):428-437. doi: 10.1111/papr.12478. Epub 2016 Jul 20. PMID: 27435009.
- 445: Lilja Y, Gustafsson O, Ljungberg M, Nilsson D, Starck G. Impact of region- of-interest method on quantitative analysis of DTI data in the optic tracts. *BMC Med Imaging*. 2016 Jul 11;16(1):42. doi: 10.1186/s12880-016-0145-9. PMID: 27400959; PMCID: PMC4940685.
- 446: Gren M, Shahim P, Lautner R, Wilson DH, Andreasson U, Norgren N, Blennow K, Zetterberg H. Blood biomarkers indicate mild neuroaxonal injury and increased amyloid β production after transient hypoxia during breath-hold diving. *Brain Inj*. 2016;30(10):1226-30. doi: 10.1080/02699052.2016.1179792. Epub 2016 Jul 7. PMID: 27389622.

- 447: Behnan J, Stangeland B, Hosainey SA, Joel M, Olsen TK, Micci F, Glover JC, Isakson P, Brinchmann JE. Differential propagation of stroma and cancer stem cells dictates tumorigenesis and multipotency. *Oncogene*. 2017 Jan 26;36(4):570-584. doi: 10.1038/onc.2016.230. Epub 2016 Jun 27. PMID: 27345406; PMCID: PMC5290038.
- 448: Ben-Menachem E, Mameniškienė R, Quarato PP, Klein P, Gamage J, Schiemann J, Johnson ME, Whitesides J, McDonough B, Eckhardt K. Efficacy and safety of brivaracetam for partial-onset seizures in 3 pooled clinical studies. *Neurology*. 2016 Jul 19;87(3):314-23. doi: 10.1212/WNL.0000000000002864. Epub 2016 Jun 22. PMID: 27335114; PMCID: PMC4955277.
- 449: Arab K, Fischer S, Bahtti-Softeland M, Maltese G, Kolby L, Tarnow P. Comparison Between Two Different Isolated Craniosynostosis Techniques: Does It Affect Cranial Bone Growth? *J Craniofac Surg*. 2016 Jul;27(5):e454-7. doi: 10.1097/SCS.0000000000002769. PMID: 27315320.
- 450: Sagberg LM, Drewes C, Jakola AS, Solheim O. Accuracy of operating neurosurgeons' prediction of functional levels after intracranial tumor surgery. *J Neurosurg*. 2017 Apr;126(4):1173-1180. doi: 10.3171/2016.3.JNS152927. Epub 2016 Jun 17. PMID: 27315026.
- 451: Abdelnour C, van Steenoven I, Londos E, Blanc F, Auestad B, Kramberger MG, Zetterberg H, Mollenhauer B, Boada M, Aarsland D; European DLB Consortium. Alzheimer's disease cerebrospinal fluid biomarkers predict cognitive decline in lewy body dementia. *Mov Disord*. 2016 Aug;31(8):1203-8. doi: 10.1002/mds.26668. Epub 2016 Jun 14. Erratum in: *Mov Disord*. 2019 Apr;34(4):593. PMID: 27296778.
- 452: Bartek J Jr, Gulati S, Unsgård G, Weber C, Förander P, Solheim O, Jakola AS. Standardized reporting of adverse events after microvascular decompression of cranial nerves; a population-based single-institution consecutive series. *Acta Neurochir (Wien)*. 2016 Sep;158(9):1775-81. doi: 10.1007/s00701-016-2856-7. Epub 2016 Jun 4. PMID: 27260489.
- 453: Paterson RW, Toombs J, Chapman MD, Nicholas JM, Heslegrave AJ, Slattery CF, Foulkes AJ, Clark CN, Lane CA, Weston PS, Lunn MP, Fox NC, Zetterberg H, Schott JM. Do cerebrospinal fluid transfer methods affect measured amyloid β 42, total tau, and phosphorylated tau in clinical practice? *Alzheimers Dement (Amst)*. 2015 Jul 2;1(3):380-4. doi: 10.1016/j.dadm.2015.06.003. PMID: 27239518; PMCID: PMC4877931.
- 454: Mondal B, Patil V, Shwetha SD, Sravani K, Hegde AS, Arivazhagan A, Santosh V, Kanduri M, Somasundaram K. Integrative functional genomic analysis identifies epigenetically regulated fibromodulin as an essential gene for glioma cell migration. *Oncogene*. 2017 Jan 5;36(1):71-83. doi: 10.1038/onc.2016.176. Epub 2016 May 23. PMID: 27212030.
- 455: Ozanne A, Verdinelli C, Olsson I, H Graneheim U, Malmgren K. Parental experiences before and long-term after their children's hemispherotomy - A population-based qualitative study. *Epilepsy Behav*. 2016 Jul;60:11-16. doi: 10.1016/j.yebeh.2016.04.025. Epub 2016 May 10. PMID: 27176878.
- 456: Hagmarker L, Söfteland MB, Maltese G, Tarnow P, Wikberg E, Kölby L, Bernhardt P. A new quantitative image-based method for evaluation of bony temporal hollowing in metopic synostosis. *J Plast Surg Hand Surg*. 2016 Dec;50(6):343-348. doi: 10.1080/2000656X.2016.1176579. Epub 2016 Apr 29. PMID: 27125314.
- 457: Bartek J Jr, Jakola AS, Skyrman S, Förander P, Alpkvist P, Schechtman G, Glimåker M, Larsson A, Lind F, Mathiesen T. Hyperbaric oxygen therapy in spontaneous brain abscess patients: a population-based comparative cohort study. *Acta Neurochir (Wien)*. 2016 Jul;158(7):1259-67. doi: 10.1007/s00701-016-2809-1. Epub 2016 Apr 25. PMID: 27113742.

458: Nilsson DT, Malmgren K, Flink R, Rydenhag B. Outcomes of multilobar resections for epilepsy in Sweden 1990-2013: a national population-based study. *Acta Neurochir (Wien)*. 2016 Jun;158(6):1151-7. doi: 10.1007/s00701-016-2807-3. Epub 2016 Apr 22. PMID: 27106840.

459: Kobulashvili T, Höfler J, Dobesberger J, Ernst F, Ryvlin P, Cross JH, Braun K, Dimova P, Francione S, Hecimovic H, Helmstaedter C, Kimiskidis VK, Lossius MI, Malmgren K, Marusic P, Steinhoff BJ, Boon P, Craiu D, Delanty N, Fabo D, Gil-Nagel A, Guekht A, Hirsch E, Kalviainen R, Mameniskienė R, Özkara Ç, Seeck M, Rubboli G, Krsek P, Rheims S, Trinka E. Current practices in long-term video- EEG monitoring services: A survey among partners of the E-PILEPSY pilot network of reference for refractory epilepsy and epilepsy surgery. *Seizure*. 2016 May;38:38-45. doi: 10.1016/j.seizure.2016.03.009. Epub 2016 Apr 1. PMID: 27104922.

460: Rannikmäe K, Woodfield R, Anderson CS, Charidimou A, Chiewvit P, Greenberg SM, Jeng JS, Meretoja A, Palm F, Putaala J, Rinkel GJ, Rosand J, Rost NS, Strbian D, Tatlisumak T, Tsai CF, Wermer MJ, Werring D, Yeh SJ, Al-Shahi Salman R, Sudlow CL. Reliability of intracerebral hemorrhage classification systems: A systematic review. *Int J Stroke*. 2016 Aug;11(6):626-36. doi: 10.1177/1747493016641962. Epub 2016 Apr 18. PMID: 27091144.

461: Higham CE, Johannsson G, Shalet SM. Hypopituitarism. *Lancet*. 2016 Nov 12;388(10058):2403-2415. doi: 10.1016/S0140-6736(16)30053-8. Epub 2016 Mar 31. PMID: 27041067.

462: Révész D, Rydenhag B, Ben-Menachem E. Complications and safety of vagus nerve stimulation: 25 years of experience at a single center. *J Neurosurg Pediatr*. 2016 Jul;18(1):97-104. doi: 10.3171/2016.1.PEDS15534. Epub 2016 Mar 25. PMID: 27015521.

463: Drewes C, Sagberg LM, Jakola AS, Solheim O. Quality of life in patients with intracranial tumors: does tumor laterality matter? *J Neurosurg*. 2016 Dec;125(6):1400-1407. doi: 10.3171/2015.12.JNS152252. Epub 2016 Mar 25. PMID: 27015402.

464: Mouthaan BE, Rados M, Barsi P, Boon P, Carmichael DW, Carrette E, Craiu D, Cross JH, Diehl B, Dimova P, Fabo D, Francione S, Gaskin V, Gil-Nagel A, Grigoreva E, Guekht A, Hirsch E, Hecimovic H, Helmstaedter C, Jung J, Kalviainen R, Kelemen A, Kimiskidis V, Kobulashvili T, Krsek P, Kuchukhidze G, Larsson PG, Leitingner M, Lossius MI, Luzin R, Malmgren K, Mameniskiene R, Marusic P, Metin B, Özkara C, Pecina H, Quesada CM, Rugg-Gunn F, Rydenhag B, Ryvlin P, Scholly J, Seeck M, Staack AM, Steinhoff BJ, Stepanov V, Tarta-Arsene O, Trinka E, Uzan M, Vogt VL, Vos SB, Vulliémoz S, Huiskamp G, Leijten FS, Van Eijnden P, Braun KP; E-PILEPSY consortium. Current use of imaging and electromagnetic source localization procedures in epilepsy surgery centers across Europe. *Epilepsia*. 2016 May;57(5):770-6. doi: 10.1111/epi.13347. Epub 2016 Mar 25. PMID: 27012361.

465: Rabiei K, Högfeldt MJ, Doria-Medina R, Tisell M. Surgery for intracranial arachnoid cysts in children-a prospective long-term study. *Childs Nerv Syst*. 2016 Jul;32(7):1257-63. doi: 10.1007/s00381-016-3064-8. Epub 2016 Mar 21. PMID: 27000761.

466: Lelental N, Brandner S, Kofanova O, Blennow K, Zetterberg H, Andreasson U, Engelborghs S, Mroczko B, Gabryelewicz T, Teunissen C, Mollenhauer B, Parnetti L, Chiasserini D, Molinuevo JL, Perret-Liaudet A, Verbeek MM, Andreasen N, Brosseon F, Bahl JM, Herukka SK, Hausner L, Frölich L, Labonte A, Poirier J, Miller AM, Zilka N, Kovacech B, Urbani A, Suardi S, Oliveira C, Baldeiras I, Dubois B, Rot U, Lehmann S, Skinningsrud A, Betsou F, Wiltfang J, Gkatzima O, Winblad B, Buchfelder M, Kornhuber J, Lewczuk P. Comparison of Different Matrices as Potential Quality Control Samples for Neurochemical Dementia Diagnostics. *J Alzheimers Dis*. 2016 Mar 1;52(1):51-64. doi: 10.3233/JAD-150883. PMID: 26967210.

- 467: Fischer S, Maltese G, Tarnow P, Wikberg E, Bernhardt P, Kölby L. Comparison of Intracranial Volume and Cephalic Index After Correction of Sagittal Synostosis With Spring-assisted Surgery or Cranioplasty. *J Craniofac Surg*. 2016 Mar;27(2):410-3. doi: 10.1097/SCS.0000000000002519. PMID: 26963298.
- 468: Gulati S, Solheim O, Carlsen SM, Øie LR, Jensberg H, Gulati AM, Giannadakis C, Jakola AS, Salvesen Ø. Risk of intracranial hemorrhage in users of oral antithrombotic drugs: Study protocol for a nationwide study. *F1000Res*. 2015 Dec 30;4:1519. doi: 10.12688/f1000research.7633.1. PMID: 26918124; PMCID: PMC4755390.
- 469: Sala PR, Ruijter G, Acquaviva C, Chabli A, de Sain-van der Velden MG, Garcia-Villoria J, Heiner-Fokkema MR, Jeannesson-Thivisol E, Leckstrom K, Franzson L, Lynes G, Olesen J, Onkenhout W, Petrou P, Drousiotou A, Ribes A, Vianey-Saban C, Merinero B. Pilot Experience with an External Quality Assurance Scheme for Acylcarnitines in Plasma/Serum. *JIMD Rep*. 2016;30:23-31. doi: 10.1007/8904_2016_533. Epub 2016 Feb 23. PMID: 26898293; PMCID: PMC5110441.
- 470: Rabiei K, Jaraj D, Marlow T, Jensen C, Skoog I, Wikkelsø C. Prevalence and symptoms of intracranial arachnoid cysts: a population-based study. *J Neurol*. 2016 Apr;263(4):689-94. doi: 10.1007/s00415-016-8035-1. Epub 2016 Feb 9. PMID: 26860092.
- 471: Blümcke I, Aronica E, Miyata H, Sarnat HB, Thom M, Roessler K, Rydenhag B, Jehi L, Krsek P, Wiebe S, Spreafico R. International recommendation for a comprehensive neuropathologic workup of epilepsy surgery brain tissue: A consensus Task Force report from the ILAE Commission on Diagnostic Methods. *Epilepsia*. 2016 Mar;57(3):348-58. doi: 10.1111/epi.13319. Epub 2016 Feb 3. PMID: 26839983.
- 472: Wellington H, Paterson RW, Portelius E, Törnqvist U, Magdalinou N, Fox NC, Blennow K, Schott JM, Zetterberg H. Increased CSF neurogranin concentration is specific to Alzheimer disease. *Neurology*. 2016 Mar 1;86(9):829-35. doi: 10.1212/WNL.0000000000002423. Epub 2016 Jan 29. PMID: 26826204; PMCID: PMC4793782.
- 473: Gerdin M, Roy N, Felländer-Tsai L, Tomson G, von Schreeb J, Petzold M; Towards Improved Trauma Care Outcomes in India (TITCO) Consortium, Gupta A, Jhakar A, Basak D, Mohamed Ismail D, Yabo D, Jegadeesan K, Kamble J, Saha ML, Nitnaware M, Khajanchi M, Jothi R, Ghosh SN, Bhoi S, Mahindrakar S, Dharap S, Rao S, Kamal V, Kumar V, Tirlotkar S. Traumatic transfers: calibration is adversely affected when prediction models are transferred between trauma care contexts in India and the United States. *J Clin Epidemiol*. 2016 Jun;74:177-86. doi: 10.1016/j.jclinepi.2016.01.004. Epub 2016 Jan 15. PMID: 26775627.
- 474: Cukiert A, Rydenhag B, Harkness W, Cross JH, Gaillard WD; Task Force for Pediatric Epilepsy Surgery for the ILAE Commissions of Pediatrics and Surgical Therapies. Technical aspects of pediatric epilepsy surgery: Report of a multicenter, multinational web-based survey by the ILAE Task Force on Pediatric Epilepsy Surgery. *Epilepsia*. 2016 Feb;57(2):194-200. doi: 10.1111/epi.13292. Epub 2016 Jan 8. PMID: 26749250.
- 475: Sjøvik K, Bartek J Jr, Solheim O, Ingebrigtsen T, Gulati S, Sagberg LM, Förander P, Jakola AS. Venous Thromboembolism Prophylaxis in Meningioma Surgery: A Population-Based Comparative Effectiveness Study of Routine Mechanical Prophylaxis with or without Preoperative Low-Molecular-Weight Heparin. *World Neurosurg*. 2016 Apr;88:320-326. doi: 10.1016/j.wneu.2015.12.077. Epub 2015 Dec 31. PMID: 26746334.
- 476: Almotairi FS, Tisell M. Cerebrospinal fluid disturbance in overweight women after occipitocervical

decompression in Chiari malformation type I. *Acta Neurochir (Wien)*. 2016 Mar;158(3):589-94; discussion 594. doi: 10.1007/s00701-015-2678-z. Epub 2016 Jan 7. PMID: 26743916.

477: Zuurbier SM, Hiltunen S, Tatlisumak T, Peters GM, Silvis SM, Haapaniemi E, Kruyt ND, Putaala J, Coutinho JM. Admission Hyperglycemia and Clinical Outcome in Cerebral Venous Thrombosis. *Stroke*. 2016 Feb;47(2):390-6. doi: 10.1161/STROKEAHA.115.011177. Epub 2015 Dec 15. PMID: 26670083.

478: Ziegelitz D, Arvidsson J, Hellström P, Tullberg M, Wikkelsø C, Starck G. Pre-and postoperative cerebral blood flow changes in patients with idiopathic normal pressure hydrocephalus measured by computed tomography (CT)-perfusion. *J Cereb Blood Flow Metab*. 2016 Oct;36(10):1755-1766. doi: 10.1177/0271678x15608521. Epub 2015 Oct 14. PMID: 26661191; PMCID: PMC5076781.

479: Fridén J, Gohritz A. Tetraplegia Management Update. *J Hand Surg Am*. 2015 Dec;40(12):2489-500. doi: 10.1016/j.jhsa.2015.06.003. PMID: 26537454.

480: Reijls BL, Teunissen CE, Goncharenko N, Betsou F, Blennow K, Baldeiras I, Brosseron F, Cavedo E, Fladby T, Froelich L, Gabryelewicz T, Gurvit H, Kapaki E, Koson P, Kulic L, Lehmann S, Lewczuk P, Lleó A, Maetzler W, de Mendonça A, Miller AM, Molinuevo JL, Mollenhauer B, Parnetti L, Rot U, Schneider A, Simonsen AH, Tagliavini F, Tsolaki M, Verbeek MM, Verhey FR, Zboch M, Winblad B, Scheltens P, Zetterberg H, Visser PJ. The Central Biobank and Virtual Biobank of BIOMARKAPD: A Resource for Studies on Neurodegenerative Diseases. *Front Neurol*. 2015 Oct 15;6:216. doi: 10.3389/fneur.2015.00216. PMID: 26528237; PMCID: PMC4606063.

481: Laiterä T, Kurki MI, Pursiheimo JP, Zetterberg H, Helisalmi S, Rauramaa T, Alafuzoff I, Remes AM, Soininen H, Haapasalo A, Jääskeläinen JE, Hiltunen M, Leinonen V. The Expression of Transthyretin and Amyloid- β Protein Precursor is Altered in the Brain of Idiopathic Normal Pressure Hydrocephalus Patients. *J Alzheimers Dis*. 2015;48(4):959-68. doi: 10.3233/JAD-150268. PMID: 26444765.

482: Sagberg LM, Solheim O, Jakola AS. Quality of survival the 1st year with glioblastoma: a longitudinal study of patient-reported quality of life. *J Neurosurg*. 2016 Apr;124(4):989-97. doi: 10.3171/2015.4.JNS15194. Epub 2015 Oct 2. PMID: 26430849.

483: Paterson RW, Toombs J, Slattery CF, Nicholas JM, Andreasson U, Magdalinou NK, Blennow K, Warren JD, Mummery CJ, Rossor MN, Lunn MP, Crutch SJ, Fox NC, Zetterberg H, Schott JM. Dissecting IWG-2 typical and atypical Alzheimer's disease: insights from cerebrospinal fluid analysis. *J Neurol*. 2015 Dec;262(12):2722-30. doi: 10.1007/s00415-015-7904-3. Epub 2015 Sep 26. PMID: 26410752.

484: Edelvik A, Flink R, Malmgren K. Prospective and longitudinal long-term employment outcomes after resective epilepsy surgery. *Neurology*. 2015 Oct 27;85(17):1482-90. doi: 10.1212/WNL.0000000000002069. Epub 2015 Sep 25. PMID: 26408490; PMCID: PMC4631069.

485: Fekete B, Werlenius K, Örndal C, Rydenhag B. Prognostic factors for glioblastoma patients—a clinical population-based study. *Acta Neurol Scand*. 2016 Jun;133(6):434-41. doi: 10.1111/ane.12481. Epub 2015 Sep 11. PMID: 26358197.

486: Weber C, Giannadakis C, Rao V, Jakola AS, Nerland U, Nygaard ØP, Solberg TK, Gulati S, Solheim O. Is There an Association Between Radiological Severity of Lumbar Spinal Stenosis and Disability, Pain, or Surgical Outcome?: A Multicenter Observational Study. *Spine (Phila Pa 1976)*. 2016 Jan;41(2):E78-83. doi: 10.1097/BRS.0000000000001166. PMID: 26352747.

487: Farahmand D, Sæhle T, Eide PK, Tisell M, Hellström P, Wikkelsö C. A double-blind randomized trial on the clinical effect of different shunt valve settings in idiopathic normal pressure

hydrocephalus. *J Neurosurg.* 2016 Feb;124(2):359-67. doi: 10.3171/2015.1.JNS141301. Epub 2015 Aug 28. PMID: 26315004.

488: Reinholdson J, Olsson I, Edelvik A, Hallböök T, Lundgren J, Rydenhag B, Malmgren K. Long-term follow-up after epilepsy surgery in infancy and early childhood—a prospective population based observational study. *Seizure.* 2015 Aug;30:83-9. doi: 10.1016/j.seizure.2015.05.019. Epub 2015 Jun 6. PMID: 26216690.

489: Ljunggren S, Andersson-Roswall L, Rydenhag B, Samuelsson H, Malmgren K. Cognitive outcome two years after frontal lobe resection for epilepsy—a prospective longitudinal study. *Seizure.* 2015 Aug;30:50-6. doi: 10.1016/j.seizure.2015.05.014. Epub 2015 May 29. PMID: 26216685.

490: Engquist M, Löfgren H, Öberg B, Holtz A, Peolsson A, Söderlund A, Vavruch L, Lind B. Factors Affecting the Outcome of Surgical Versus Nonsurgical Treatment of Cervical Radiculopathy: A Randomized, Controlled Study. *Spine (Phila Pa 1976).* 2015 Oct 15;40(20):1553-63. doi: 10.1097/BRS.0000000000001064. PMID: 26192721.

491: Giannadakis C, Nerland US, Solheim O, Jakola AS, Gulati M, Weber C, Nygaard ØP, Solberg TK, Gulati S. Does Obesity Affect Outcomes After Decompressive Surgery for Lumbar Spinal Stenosis? A Multicenter, Observational, Registry-Based Study. *World Neurosurg.* 2015 Nov;84(5):1227-34. doi: 10.1016/j.wneu.2015.06.020. Epub 2015 Jun 20. PMID: 26100169.

492: Jakola AS, Sagberg LM, Gulati S, Solheim O. Perioperative quality of life in functionally dependent glioblastoma patients: A prospective study. *Br J Neurosurg.* 2015;29(6):843-9. doi: 10.3109/02688697.2015.1054355. Epub 2015 Jun 22. PMID: 26098603.

493: Kruse N, Persson S, Alcolea D, Bahl JM, Baldeiras I, Capello E, Chiasserini D, Bocchio Chiavetto L, Emersic A, Engelborghs S, Eren E, Fladby T, Frisoni G, García-Ayllón MS, Genc S, Gkatzima O, Heegaard NH, Janeiro AM, Kováčech B, Kuiperij HB, Leitão MJ, Lleó A, Martins M, Matos M, Mollergard HM, Nobili F, Öhrfelt A, Parnetti L, de Oliveira CR, Rot U, Sáez-Valero J, Struyfs H, Tanassi JT, Taylor P, Tsolaki M, Vanmechelen E, Verbeek MM, Zilka N, Blennow K, Zetterberg H, Mollenhauer B. Validation of a quantitative cerebrospinal fluid alpha-synuclein assay in a European-wide interlaboratory study. *Neurobiol Aging.* 2015 Sep;36(9):2587-96. doi: 10.1016/j.neurobiolaging.2015.05.003. Epub 2015 May 15. PMID: 26093515.

494: Nerland US, Jakola AS, Giannadakis C, Solheim O, Weber C, Nygaard ØP, Solberg TK, Gulati S. The Risk of Getting Worse: Predictors of Deterioration After Decompressive Surgery for Lumbar Spinal Stenosis: A Multicenter Observational Study. *World Neurosurg.* 2015 Oct;84(4):1095-102. doi: 10.1016/j.wneu.2015.05.055. Epub 2015 Jun 3. PMID: 26049114.

495: Bell D, Hanna EY, Weber RS, DeMonte F, Triantafyllou A, Lewis JS Jr, Cardesa A, Slootweg PJ, Stenman G, Gnepp DR, Devaney KO, Rodrigo JP, Rinaldo A, Wenig BM, Westra WH, Bishop JA, Hellquist H, Hunt JL, Kusafuka K, Perez-Ordoñez B, Williams MD, Takes RP, Ferlito A. Neuroendocrine neoplasms of the sinonasal region. *Head Neck.* 2016 Apr;38 Suppl 1:E2259-66. doi: 10.1002/hed.24152. Epub 2015 Jul 18. PMID: 26041714.

496: 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. PMID: 25990344.

497: Yáñez-Mó M, Siljander PR, Andreu Z, Zavec AB, Borràs FE, Buzas EI, Buzas K, Casal E, Cappello F, Carvalho J, Colás E, Cordeiro-da Silva A, Fais S, Falcon- Perez JM, Ghobrial IM, Giebel B, Gimona M, Graner M, Gursel I, Gursel M, Heegaard NH, Hendrix A, Kierulf P, Kokubun K, Kosanovic M, Kralj-Iglic V, Krämer-Albers EM, Laitinen S, Lässer C, Lener T, Ligeti E, Linē A, Lipps G, Llorente A, Lötval J, Manček-Keber M, Marcilla A, Mittelbrunn M, Nazarenko I, Nolte-'t Hoen EN, Nyman TA, O'Driscoll L, Olivan M, Oliveira C, Pállinger É, Del Portillo HA, Reventós J, Rigau M, Rohde E, Sammar M, Sánchez-Madrid F, Santarém N, Schallmoser K, Ostefeld MS, Stoorvogel W, Stukelj R, Van der Grein SG, Vasconcelos MH, Wauben MH, De Wever O. Biological properties of extracellular vesicles and their physiological functions. *J Extracell Vesicles*. 2015 May 14;4:27066. doi: 10.3402/jev.v4.27066. PMID: 25979354; PMCID: PMC4433489.

498: Lindgren C, Söderberg S, Koskinen LO, Hultin M, Edvardsson L, Naredi S. Long-term subarachnoid haemorrhage survivors still die due to cerebrovascular causes. *Acta Neurol Scand*. 2015 Dec;132(6):410-6. doi: 10.1111/ane.12410. Epub 2015 Apr 10. PMID: 25864536.

499: Lilja Y, Nilsson DT. Strengths and limitations of tractography methods to identify the optic radiation for epilepsy surgery. *Quant Imaging Med Surg*. 2015 Apr;5(2):288-99. doi: 10.3978/j.issn.2223-4292.2015.01.08. PMID: 25853086; PMCID: PMC4379318.

500: Nerland US, Jakola AS, Solheim O, Weber C, Rao V, Lønne G, Solberg TK, Salvesen Ø, Carlsen SM, Nygaard ØP, Gulati S. Minimally invasive decompression versus open laminectomy for central stenosis of the lumbar spine: pragmatic comparative effectiveness study. *BMJ*. 2015 Apr 1;350:h1603. doi: 10.1136/bmj.h1603. PMID: 25833966; PMCID: PMC4381635.

501: Vikholmen K, Persson HC, Sunnerhagen KS. Stroke treated at a neurosurgical ward: a cohort study. *Acta Neurol Scand*. 2015 Nov;132(5):329-36. doi: 10.1111/ane.12404. Epub 2015 Mar 27. PMID: 25819421.

502: Herukka SK, Rummukainen J, Ihalaainen J, von Und Zu Fraunberg M, Koivisto AM, Nerg O, Puli LK, Seppälä TT, Zetterberg H, Pyykkö OT, Helisalmi S, Tanila H, Alafuzoff I, Hiltunen M, Rinne J, Soininen H, Jääskeläinen JE, Leinonen V. Amyloid- β and Tau Dynamics in Human Brain Interstitial Fluid in Patients with Suspected Normal Pressure Hydrocephalus. *J Alzheimers Dis*. 2015;46(1):261-9. doi: 10.3233/JAD-142862. PMID: 25720406.

503: Shen W, Cui J, Chen J, Zou J, Ji Y, Chen H, Xiongzheng M. Correction of craniosynostosis using modified spring-assisted surgery. *J Craniofac Surg*. 2015 Mar;26(2):522-5. doi: 10.1097/SCS.0000000000001547. PMID: 25699532.

504: Bartek J Jr, Sjøvik K, Förander P, Solheim O, Gulati S, Weber C, Ingebrigtsen T, Jakola AS. Predictors of severe complications in intracranial meningioma surgery: a population-based multicenter study. *World Neurosurg*. 2015 May;83(5):673-8. doi: 10.1016/j.wneu.2015.01.022. Epub 2015 Feb 3. PMID: 25655686.

505: Csajbok LZ, Nylén K, Öst M, Sonander H, Nellgård B. In-hospital C-reactive protein predicts outcome after aneurysmal subarachnoid haemorrhage treated by endovascular coiling. *Acta Anaesthesiol Scand*. 2015 Feb;59(2):255-64. doi: 10.1111/aas.12441. PMID: 25597988.

506: Siman R, Shahim P, Tegner Y, Blennow K, Zetterberg H, Smith DH. Serum SNTF Increases in Concussed Professional Ice Hockey Players and Relates to the Severity of Postconcussion Symptoms. *J Neurotrauma*. 2015 Sep 1;32(17):1294-300. doi: 10.1089/neu.2014.3698. Epub 2015 May 14. PMID: 25419578; PMCID: PMC4543483.

507: Persu A, Azizi M, Jin Y, Volz S, Rosa J, Fadl Elmula FE, Pechere-Bertschi A, Burnier M, Mark PB, Elvan A, Renkin J, Sapoval M, Kahan T, Kjeldsen S, Staessen JA; European Network COordinating research on Renal Denervation (ENCOReD) consortium. Hyperresponders vs. nonresponder patients after renal denervation: do they differ? *J Hypertens*. 2014 Dec;32(12):2422-7; discussion 2427. doi: 10.1097/HJH.0000000000000347. PMID: 25375391.

508: Coffee and Caffeine Genetics Consortium, Cornelis MC, Byrne EM, Esko T, Nalls MA, Ganna A, Paynter N, Monda KL, Amin N, Fischer K, Renstrom F, Ngwa JS, Huikari V, Cavadino A, Nolte IM, Teumer A, Yu K, Marques-Vidal P, Rawal R, Manichaikul A, Wojczynski MK, Vink JM, Zhao JH, Burlutsky G, Lahti J, Mikkilä V, Lemaitre RN, Eriksson J, Musani SK, Tanaka T, Geller F, Luan J, Hui J, Mägi R, Dimitriou M, Garcia ME, Ho WK, Wright MJ, Rose LM, Magnusson PK, Pedersen NL, Couper D, Oostra BA, Hofman A, Ikram MA, Tiemeier HW, Uitterlinden AG, van Rooij FJ, Barroso I, Johansson I, Xue L, Kaakinen M, Milani L, Power C, Snieder H, Stolk RP, Baumeister SE, Biffar R, Gu F, Bastardot F, Kutalik Z, Jacobs DR Jr, Forouhi NG, Mihailov E, Lind L, Lindgren C, Michaëlsson K, Morris A, Jensen M, Khaw KT, Luben RN, Wang JJ, Männistö S, Perälä MM, Kähönen M, Lehtimäki T, Viikari J, Mozaffarian D, Mukamal K, Psaty BM, Döring A, Heath AC, Montgomery GW, Dahmen N, Carithers T, Tucker KL, Ferrucci L, Boyd HA, Melbye M, Treur JL, Mellström D, Hottenga JJ, Prokopenko I, Tönjes A, Deloukas P, Kanoni S, Lorentzon M, Houston DK, Liu Y, Danesh J, Rasheed A, Mason MA, Zonderman AB, Franke L, Kristal BS; International Parkinson's Disease Genomics Consortium (IPDGC); North American Brain Expression Consortium (NABEC); UK Brain Expression Consortium (UKBEC), Karjalainen J, Reed DR, Westra HJ, Evans MK, Saleheen D, Harris TB, Dedoussis G, Curhan G, Stumvoll M, Beilby J, Pasquale LR, Feenstra B, Bandinelli S, Ordovas JM, Chan AT, Peters U, Ohlsson C, Gieger C, Martin NG, Waldenberger M, Siscovick DS, Raitakari O, Eriksson JG, Mitchell P, Hunter DJ, Kraft P, Rimm EB, Boomsma DI, Borecki IB, Loos RJ, Wareham NJ, Vollenweider P, Caporaso N, Grabe HJ, Neuhouwer ML, Wolffenbuttel BH, Hu FB, Hyppönen E, Järvelin MR, Cupples LA, Franks PW, Ridker PM, van Duijn CM, Heiss G, Metspalu A, North KE, Ingelsson E, Nettleton JA, van Dam RM, Chasman DI. Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. *Mol Psychiatry*. 2015 May;20(5):647-656. doi: 10.1038/mp.2014.107. Epub 2014 Oct 7. PMID: 25288136; PMCID: PMC4388784.

509: Ahmed RM, Paterson RW, Warren JD, Zetterberg H, O'Brien JT, Fox NC, Halliday GM, Schott JM. Biomarkers in dementia: clinical utility and new directions. *J Neurol Neurosurg Psychiatry*. 2014 Dec;85(12):1426-34. doi: 10.1136/jnnp-2014-307662. Epub 2014 Sep 26. PMID: 25261571; PMCID: PMC4335455.

510: Bialek F, Rydenhag B, Flink R, Malmgren K. Outcomes after resective epilepsy surgery in patients over 50 years of age in Sweden 1990-2009—a prospective longitudinal study. *Seizure*. 2014 Sep;23(8):641-5. doi: 10.1016/j.seizure.2014.05.003. Epub 2014 May 13. PMID: 24890930.

511: Walser M, Schiöler L, Oscarsson J, Aberg MA, Svensson J, Aberg ND, Isgaard J. Different modes of GH administration influence gene expression in the male rat brain. *J Endocrinol*. 2014 Aug;222(2):181-90. doi: 10.1530/JOE-14-0223. Epub 2014 May 28. PMID: 24872576.

512: Pyykkö OT, Lumela M, Rummukainen J, Nerg O, Seppälä TT, Herukka SK, Koivisto AM, Alafuzoff I, Puli L, Savolainen S, Soininen H, Jääskeläinen JE, Hiltunen M, Zetterberg H, Leinonen V. Cerebrospinal fluid biomarker and brain biopsy findings in idiopathic normal pressure hydrocephalus. *PLoS One*. 2014 Mar 17;9(3):e91974. doi: 10.1371/journal.pone.0091974. PMID: 24638077; PMCID: PMC3956805.

513: Lilja Y, Ljungberg M, Starck G, Malmgren K, Rydenhag B, Nilsson DT. Visualizing Meyer's loop: A comparison of deterministic and probabilistic tractography. *Epilepsy Res*. 2014 Mar;108(3):481-90. doi: 10.1016/j.epilepsyres.2014.01.017. Epub 2014 Feb 2. PMID: 24559840.

- 514: Pettersson D, Mathiesen T, Prochazka M, Bergenheim T, Florentzson R, Harder H, Nyberg G, Siesjö P, Feychting M. Long-term mobile phone use and acoustic neuroma risk. *Epidemiology*. 2014 Mar;25(2):233-41. doi: 10.1097/EDE.0000000000000058. PMID: 24434752.
- 515: Völz S, Andersson B, Manhem K, Haraldsson I, Rundqvist B. Effect of catheter-based renal sympathetic denervation on 24-h ambulatory blood pressure in patients with resistant hypertension. *Blood Press*. 2014 Aug;23(4):228-32. doi: 10.3109/08037051.2013.867663. Epub 2014 Jan 16. PMID: 24432803.
- 516: Hedegård E, Bjellvi J, Edelvik A, Rydenhag B, Flink R, Malmgren K. Complications to invasive epilepsy surgery workup with subdural and depth electrodes: a prospective population-based observational study. *J Neurol Neurosurg Psychiatry*. 2014 Jul;85(7):716-20. doi: 10.1136/jnnp-2013-306465. Epub 2013 Nov 29. PMID: 24293000; PMCID: PMC4078707.
- 517: Viggedal G, Olsson I, Carlsson G, Rydenhag B, Uvebrant P. Intelligence two years after epilepsy surgery in children. *Epilepsy Behav*. 2013 Dec;29(3):565-70. doi: 10.1016/j.yebeh.2013.10.012. Epub 2013 Nov 5. PMID: 24201119.
- 518: Persu A, Jin Y, Azizi M, Baelen M, Völz S, Elvan A, Severino F, Rosa J, Adiyaman A, Fadl Elmula FE, Taylor A, Pechère-Bertschi A, Wuerzner G, Jokhaji F, Kahan T, Renkin J, Monge M, Widimský P, Jacobs L, Burnier M, Mark PB, Kjeldsen SE, Andersson B, Sapoval M, Staessen JA; European Network COordinating research on Renal Denervation (ENCOReD). Blood pressure changes after renal denervation at 10 European expert centers. *J Hum Hypertens*. 2014 Mar;28(3):150-6. doi: 10.1038/jhh.2013.88. Epub 2013 Sep 26. PMID: 24067345; PMCID: PMC3932403.
- 519: Hendén PL, Söndergaard S, Rydenhag B, Reinsfelt B, Ricksten SE, Aneman A. Can baroreflex sensitivity and heart rate variability predict late neurological outcome in patients with traumatic brain injury? *J Neurosurg Anesthesiol*. 2014 Jan;26(1):50-9. doi: 10.1097/ANA.0b013e3182a47b62. PMID: 24064714.
- 520: Maltese G, Tarnow P, Tovetjärn R, Kölby L. Correction of hypotelorism in isolated metopic synostosis. *J Plast Surg Hand Surg*. 2014 Feb;48(1):63-6. doi: 10.3109/2000656X.2013.812967. Epub 2013 Jul 15. PMID: 23848421.
- 521: Engquist M, Löfgren H, Öberg B, Holtz A, Peolsson A, Söderlund A, Vavruch L, Lind B. Surgery versus nonsurgical treatment of cervical radiculopathy: a prospective, randomized study comparing surgery plus physiotherapy with physiotherapy alone with a 2-year follow-up. *Spine (Phila Pa 1976)*. 2013 Sep 15;38(20):1715-22. doi: 10.1097/BRS.0b013e31829ff095. PMID: 23778373.
- 522: Hallböök T, Tideman P, Rosén I, Lundgren J, Tideman E. Epilepsy surgery in children with drug-resistant epilepsy, a long-term follow-up. *Acta Neurol Scand*. 2013 Dec;128(6):414-21. doi: 10.1111/ane.12154. Epub 2013 Jun 7. PMID: 23742270.
- 523: Halldin CB, Gonzalez H, Wennberg AM, Lepp M. Patients' experiences of pain and pain relief during photodynamic therapy on actinic keratoses: an interview study. *Acta Derm Venereol*. 2013 Jul 6;93(4):433-7. doi: 10.2340/00015555-1500. PMID: 23224121.
- 524: Wikberg E, Bernhardt P, Maltese G, Tarnow P, Lagerlöf JH, Kölby L. A new computer tool for systematic evaluation of intracranial volume and its capacity to evaluate the result of the operation for metopic synostosis. *J Plast Surg Hand Surg*. 2012 Dec;46(6):393-8. doi: 10.3109/2000656X.2012.718716. Epub 2012 Oct 25. PMID: 23098181.

- 525: Tovetjärn R, Maltese G, Kölby L, Kreiborg S, Tarnow P. Spring-assisted cranioplasty for bicoronal synostosis. *J Craniofac Surg*. 2012 Jul;23(4):977-81. doi: 10.1097/SCS.0b013e31824e2bec. PMID: 22777440.
- 526: Fridén J, Gohritz A. Brachialis-to-extensor carpi radialis longus selective nerve transfer to restore wrist extension in tetraplegia: case report. *J Hand Surg Am*. 2012 Aug;37(8):1606-8. doi: 10.1016/j.jhsa.2012.05.005. Epub 2012 Jun 30. PMID: 22749482.
- 527: Paoli J, Halldin C, Sandberg C. Teaching peripheral nerve blocks for the head and neck area to dermatologists. *J Eur Acad Dermatol Venereol*. 2012 Aug;26(8):1035-7. doi: 10.1111/j.1468-3083.2011.04218.x. Epub 2011 Sep 13. PMID: 21910754.
- 528: Ljungqvist J, Nilsson D, Ljungberg M, Sörbo A, Esbjörnsson E, Eriksson- Ritzén C, Skoglund T. Longitudinal study of the diffusion tensor imaging properties of the corpus callosum in acute and chronic diffuse axonal injury. *Brain Inj*. 2011;25(4):370-8. doi: 10.3109/02699052.2011.558038. PMID: 21355671.
- 529: Walser M, Hansén A, Svensson PA, Jernås M, Oscarsson J, Isgaard J, Åberg ND. Peripheral administration of bovine GH regulates the expression of cerebrocortical beta-globin, GABAB receptor 1, and the Lissencephaly-1 protein (LIS-1) in adult hypophysectomized rats. *Growth Horm IGF Res*. 2011 Feb;21(1):16-24. doi: 10.1016/j.ghir.2010.11.002. Epub 2011 Jan 5. PMID: 21212011.
- 530: Pettersson N, Nyman J, Johansson KA. Radiation-induced rib fractures after hypofractionated stereotactic body radiation therapy of non-small cell lung cancer: a dose- and volume-response analysis. *Radiother Oncol*. 2009 Jun;91(3):360-8. doi: 10.1016/j.radonc.2009.03.022. Epub 2009 May 4. PMID: 19410314.
- 531: Halldin CB, Paoli J, Sandberg C, Gonzalez H, Wennberg AM. Nerve blocks enable adequate pain relief during topical photodynamic therapy of field cancerization on the forehead and scalp. *Br J Dermatol*. 2009 Apr;160(4):795-800. doi: 10.1111/j.1365-2133.2008.09024.x. Epub 2009 Feb 4. PMID: 19210497.
- 532: Paoli J, Halldin C, Ericson MB, Wennberg AM. Nerve blocks provide effective pain relief during topical photodynamic therapy for extensive facial actinic keratoses. *Clin Exp Dermatol*. 2008 Aug;33(5):559-64. doi: 10.1111/j.1365-2230.2008.02755.x. PMID: 18801096.
- 533: Lauritzen CGK, Davis C, Ivarsson A, Sanger C, Hewitt TD. The evolving role of springs in craniofacial surgery: the first 100 clinical cases. *Plast Reconstr Surg*. 2008 Feb;121(2):545-554. doi: 10.1097/01.prs.0000297638.76602.de. PMID: 18300975.
- 534: Windh P, Davis C, Sanger C, Sahlin P, Lauritzen C. Spring-assisted cranioplasty vs pi-plasty for sagittal synostosis—a long term follow-up study. *J Craniofac Surg*. 2008 Jan;19(1):59-64. doi: 10.1097/scs.0b013e31815c94c8. PMID: 18216666.
- 535: Skoglund TS, Eriksson-Ritzén C, Sörbo A, Jensen C, Rydenhag B. Health status and life satisfaction after decompressive craniectomy for malignant middle cerebral artery infarction. *Acta Neurol Scand*. 2008 May;117(5):305-10. doi: 10.1111/j.1600-0404.2007.00967.x. Epub 2007 Dec 10. PMID: 18076727.
- 536: Skoglund TS, Nilsson D, Ljungberg M, Jönsson L, Rydenhag B. Long-term follow-up of a patient with traumatic brain injury using diffusion tensor imaging. *Acta Radiol*. 2008 Feb;49(1):98-100. doi: 10.1080/02841850701561372. PMID: 17963089.

- 537: Aberg ND, Johansson UE, Aberg MA, Hellström NA, Lind J, Bull C, Isgaard J, Anderson MF, Oscarsson J, Eriksson PS. Peripheral infusion of insulin-like growth factor-I increases the number of newborn oligodendrocytes in the cerebral cortex of adult hypophysectomized rats. *Endocrinology*. 2007 Aug;148(8):3765-72. doi: 10.1210/en.2006-1556. Epub 2007 May 17. PMID: 17510237.
- 538: Skoglund TS, Eriksson-Ritzén C, Jensen C, Rydenhag B. Aspects on decompressive craniectomy in patients with traumatic head injuries. *J Neurotrauma*. 2006 Oct;23(10):1502-9. doi: 10.1089/neu.2006.23.1502. PMID: 17020484.
- 539: Djärv E, Nyman J, Baumann P, Ekberg L, Høyer M, Lax I, Lewensohn R, Levin N, Lund JA, Morhed E, Ericsson SR, Traberg A, Wittgren L, Johansson KA. Dummy run for a phase II study of stereotactic body radiotherapy of T1-T2 N0M0 medical inoperable non-small cell lung cancer. *Acta Oncol*. 2006;45(7):973-7. doi: 10.1080/02841860600919241. PMID: 16982566.
- 540: Skoglund TS, Nilsson D. Tumor of the conus medullaris treated with antituberculous therapy. *Clin Neurol Neurosurg*. 2007 Feb;109(2):192-4. doi: 10.1016/j.clineuro.2006.08.002. Epub 2006 Sep 7. PMID: 16962232.
- 541: Nyman J, Johansson KA, Hultén U. Stereotactic hypofractionated radiotherapy for stage I non-small cell lung cancer-mature results for medically inoperable patients. *Lung Cancer*. 2006 Jan;51(1):97-103. doi: 10.1016/j.lungcan.2005.08.011. Epub 2005 Oct 4. PMID: 16213059.
- 542: Stephensen H, Andersson N, Eklund A, Malm J, Tisell M, Wikkelsö C. Objective B wave analysis in 55 patients with non-communicating and communicating hydrocephalus. *J Neurol Neurosurg Psychiatry*. 2005 Jul;76(7):965-70. doi: 10.1136/jnnp.2004.039834. PMID: 15965203; PMCID: PMC1739729.
- 543: Skoglund TS, Nellgård B. Long-time outcome after transient transtentorial herniation in patients with traumatic brain injury. *Acta Anaesthesiol Scand*. 2005 Mar;49(3):337-40. doi: 10.1111/j.1399-6576.2005.00624.x. PMID: 15752399.
- 544: Tisell M. How should primary aqueductal stenosis in adults be treated? A review. *Acta Neurol Scand*. 2005 Mar;111(3):145-53. doi: 10.1111/j.1600-0404.2005.00379.x. PMID: 15691282.
- 545: Tivesten A, Barlind A, Caidahl K, Klintland N, Cittadini A, Ohlsson C, Isgaard J. Growth hormone-induced blood pressure decrease is associated with increased mRNA levels of the vascular smooth muscle KATP channel. *J Endocrinol*. 2004 Oct;183(1):195-202. doi: 10.1677/joe.1.05726. PMID: 15525587.
- 546: Tullberg M, Hellström P, Piechnik SK, Starmark JE, Wikkelsö C. Impaired wakefulness is associated with reduced anterior cingulate CBF in patients with normal pressure hydrocephalus. *Acta Neurol Scand*. 2004 Nov;110(5):322-30. doi: 10.1111/j.1600-0404.2004.00325.x. PMID: 15476461.
- 547: Nilsson D, Malmgren K, Rydenhag B, Frisén L. Visual field defects after temporal lobectomy - comparing methods and analysing resection size. *Acta Neurol Scand*. 2004 Nov;110(5):301-7. doi: 10.1111/j.1600-0404.2004.00331.x. PMID: 15476458.
- 548: Améen C, Oscarsson J. Sex difference in hepatic microsomal triglyceride transfer protein expression is determined by the growth hormone secretory pattern in the rat. *Endocrinology*. 2003 Sep;144(9):3914-21. doi: 10.1210/en.2003-0518. PMID: 12933665.
- 549: Wikkelsö C, Blomsterwall E, Frisén L. Subjective visual vertical and Romberg's test correlations in

hydrocephalus. *J Neurol*. 2003 Jun;250(6):741-5. doi: 10.1007/s00415-003-1076-2. PMID: 12796838.

550: Stephensen H, Tisell M, Wikkelsø C. There is no transmantle pressure gradient in communicating or noncommunicating hydrocephalus. *Neurosurgery*. 2002 Apr;50(4):763-71; discussion 771-3. doi: 10.1097/00006123-200204000-00016. PMID: 11904027.

551: Tisell M, Edsbacke M, Stephensen H, Czosnyka M, Wikkelsø C. Elastance correlates with outcome after endoscopic third ventriculostomy in adults with hydrocephalus caused by primary aqueductal stenosis. *Neurosurgery*. 2002 Jan;50(1):70-7. doi: 10.1097/00006123-200201000-00013. PMID: 11844236.

552: Gustafsson H, Tordby AW, Brandin L, Hedin L, Jonsdottir IH. Interactive effects of growth hormone and oestrogen on vascular responses in hypophysectomised female rats. *Eur J Endocrinol*. 2002 Feb;146(2):267-74. doi: 10.1530/eje.0.1460267. PMID: 11834439.

553: Tullberg M, Jensen C, Ekholm S, Wikkelsø C. Normal pressure hydrocephalus: vascular white matter changes on MR images must not exclude patients from shunt surgery. *AJNR Am J Neuroradiol*. 2001 Oct;22(9):1665-73. PMID: 11673159; PMCID: PMC7974433.

554: Wikholm G, Lundqvist C, Svendsen P. The Göteborg cohort of embolized cerebral arteriovenous malformations: a 6-year follow-up. *Neurosurgery*. 2001 Oct;49(4):799-805; discussion 805-6. doi: 10.1097/00006123-200110000-00004. PMID: 11564239.

555: Gewalli F, da Silva Guimarães-Ferreira JP, Sahlin P, Friede H, Owman-Moll P, Olsson R, David L, Lauritzen C. Long-term follow-up of dynamic cranioplasty for brachycephaly-non-syndromal bicoronal synostosis. *Scand J Plast Reconstr Surg Hand Surg*. 2001 Jun;35(2):157-64. doi: 10.1080/028443101300165291. PMID: 11484525.

556: Gewalli F, da Silva Guimarães-Ferreira JP, Maltese G, Ortengren U, Lauritzen C. Expander elements in craniofacial surgery: an experimental study in rabbits. *Scand J Plast Reconstr Surg Hand Surg*. 2001 Jun;35(2):149-56. doi: 10.1080/028443101300165282. PMID: 11484524.

557: Rydenhag B, Silander HC. Complications of epilepsy surgery after 654 procedures in Sweden, September 1990-1995: a multicenter study based on the Swedish National Epilepsy Surgery Register. *Neurosurgery*. 2001 Jul;49(1):51-6; discussion 56-7. doi: 10.1097/00006123-200107000-00007. PMID: 11440459.

558: Guimarães-Ferreira J, Gewalli F, David L, Olsson R, Friede H, Lauritzen CG. Clinical outcome of the modified pi-plasty procedure for sagittal synostosis. *J Craniofac Surg*. 2001 May;12(3):218-24; discussion 225-6. doi: 10.1097/00001665-200105000-00003. PMID: 11358093.

559: Gewalli F, Guimarães-Ferreira JP, Sahlin P, Emanuelsson I, Horneman G, Stephensen H, Lauritzen CG. Mental development after modified pi procedure: dynamic cranioplasty for sagittal synostosis. *Ann Plast Surg*. 2001 Apr;46(4):415-20. doi: 10.1097/00006123-200104000-00011. PMID: 11324885.

560: Runnerstam M, Bao F, Huang Y, Shi J, Gutierrez E, Hamberger A, Hansson HA, Viano D, Haglid K. A new model for diffuse brain injury by rotational acceleration: II. Effects on extracellular glutamate, intracranial pressure, and neuronal apoptosis. *J Neurotrauma*. 2001 Mar;18(3):259-73. doi: 10.1089/08977150151070892. PMID: 11284547.

561: Aberg MA, Aberg ND, Hedbäcker H, Oscarsson J, Eriksson PS. Peripheral infusion of IGF-I selectively induces neurogenesis in the adult rat hippocampus. *J Neurosci*. 2000 Apr 15;20(8):2896-903. doi: 10.1523/JNEUROSCI.20-08-02896.2000. PMID: 10751442; PMCID:

PMC6772218.

562: Blomsterwall E, Svantesson U, Carlsson U, Tullberg M, Wikkelsö C. Postural disturbance in patients with normal pressure hydrocephalus. *Acta Neurol Scand*. 2000 Nov;102(5):284-91. doi: 10.1034/j.1600-0404.2000.102005284.x. PMID: 11083504.

563: Aberg ND, Carlsson B, Rosengren L, Oscarsson J, Isaksson OG, Rönnbäck L, Eriksson PS. Growth hormone increases connexin-43 expression in the cerebral cortex and hypothalamus. *Endocrinology*. 2000 Oct;141(10):3879-86. doi: 10.1210/endo.141.10.7731. PMID: 11014245.

564: Tisell M, Almström O, Stephensen H, Tullberg M, Wikkelsö C. How effective is endoscopic third ventriculostomy in treating adult hydrocephalus caused by primary aqueductal stenosis? *Neurosurgery*. 2000 Jan;46(1):104-10; discussion 110-1. PMID: 10626941.

565: Larsson A, Stephensen H, Wikkelsø C. Adult patients with "asymptomatic" and "compensated" hydrocephalus benefit from surgery. *Acta Neurol Scand*. 1999 Feb;99(2):81-90. doi: 10.1111/j.1600-0404.1999.tb00662.x. PMID: 10071165.

566: Naredi S, Edén E, Zäll S, Stephensen H, Rydenhag B. A standardized neurosurgical neurointensive therapy directed toward vasogenic edema after severe traumatic brain injury: clinical results. *Intensive Care Med*. 1998 May;24(5):446-51. doi: 10.1007/s001340050594. PMID: 9660259.

567: Vidal NO, Ekberg S, Enerbäck S, Lindahl A, Ohlsson C. The CCAAT/enhancer- binding protein- α is expressed in the germinal layer of the growth plate: colocalisation with the growth hormone receptor. *J Endocrinol*. 1997 Dec;155(3):433-41. doi: 10.1677/joe.0.1550433. PMID: 9487988.

568: Zhang W, Sun X, Zhao X, Thorén P, Hedner T. Effects of hydralazine on renal sympathetic nerve activity in normal and congestive heart failure rats. *Acta Physiol Scand*. 1997 Sep;161(1):7-14. doi: 10.1046/j.1365-201X.1997.00151.x. PMID: 9381952.

569: Lönroth H, Hyltander A, Lundell L. Unilateral left-sided thoracoscopic sympathectomy for visceral pain control: a pilot study. *Eur J Surg*. 1997 Feb;163(2):97-100. PMID: 9076435.

570: Jakobsson KE, Säveland H, Hillman J, Edner G, Zygmunt S, Brandt L, Pellettieri L. Warning leak and management outcome in aneurysmal subarachnoid hemorrhage. *J Neurosurg*. 1996 Dec;85(6):995-9. doi: 10.3171/jns.1996.85.6.0995. PMID: 8929486.

571: Lundqvist C, Wikholm G, Svendsen P. Embolization of cerebral arteriovenous malformations: Part II-Aspects of complications and late outcome. *Neurosurgery*. 1996 Sep;39(3):460-7; discussion 467-9. doi: 10.1097/00006123-199609000-00005. PMID: 8875475.

572: Wikholm G, Lundqvist C, Svendsen P. Embolization of cerebral arteriovenous malformations: Part I-Technique, morphology, and complications. *Neurosurgery*. 1996 Sep;39(3):448-57; discussion 457-9. doi: 10.1097/00006123-199609000-00004. PMID: 8875474.

573: Wängberg B, Nilsson O, Theodorsson E, Modlin IM, Dahlström A, Ahlman H. The effect of vagotomy on enterochromaffin-like cells in *Mastomys natalensis*. *J Auton Nerv Syst*. 1996 Jul 5;59(3):133-9. doi: 10.1016/0165-1838(96)00016-1. PMID: 8832519.

574: Andiné P, Axelsson R, Jacobson I. The effect of anosmia on MK-801-induced behaviour in mice. *Neurosci Lett*. 1995 May 5;190(2):113-6. doi: 10.1016/0304-3940(95)11515-x. PMID: 7644117.

575: Gustafsson O, Rossitti S. Intracranial pressure is a fraction of arterial blood pressure. *Eur J*

- Neurol. 1995 Mar;2(1):31-7. doi: 10.1111/j.1468-1331.1995.tb00090.x. PMID: 24283578.
- 576: Augustinsson LE, Eliasson T, Mannheimer C. Spinal cord stimulation in severe angina pectoris. Stereotact Funct Neurosurg. 1995;65(1-4):136-41. doi: 10.1159/000098685. PMID: 8916343.
- 577: Jakobsson KE, Petruson B, Elfverson J, Bengtsson BA. Results of the lateral rhinotomy approach in transsphenoidal microsurgery for growth hormone-secreting pituitary neuroendocrine tumor. Br J Neurosurg. 1995;9(6):763-8. doi: 10.1080/02688699550040738. PMID: 8719832.
- 578: Karlsson AK, Attvall S, Jansson PA, Sullivan L, Lönnroth P. Influence of the sympathetic nervous system on insulin sensitivity and adipose tissue metabolism: a study in spinal cord-injured subjects. Metabolism. 1995 Jan;44(1):52-8. doi: 10.1016/0026-0495(95)90289-9. PMID: 7854166.
- 579: Rossitti S. The extreme lateral approach to thoracic disc herniations: technique and preliminary results. Neurochirurgia (Stuttg). 1993 Sep;36(5):161-3. doi: 10.1055/s-2008-1053819. PMID: 8272168.
- 580: Rossitti S, Volkmann R, Stephensen H. The transoccipital approach for transcranial Doppler ultrasonography of the vertebrobasilar circulation. Neurochirurgia (Stuttg). 1993 Sep;36(5):148-50. doi: 10.1055/s-2008-1053816. PMID: 7903795.
- 581: Rossitti S, Löfgren J. Optimality principles and flow orderliness at the branching points of cerebral arteries. Stroke. 1993 Jul;24(7):1029-32. doi: 10.1161/01.str.24.7.1029. PMID: 8322378.
- 582: Rossitti S, Löfgren J. Vascular dimensions of the cerebral arteries follow the principle of minimum work. Stroke. 1993 Mar;24(3):371-7. doi: 10.1161/01.str.24.3.371. PMID: 8446972.
- 583: Rossitti S. Biomechanics of the pons-cord tract and its enveloping structures: an overview. Acta Neurochir (Wien). 1993;124(2-4):144-52. doi: 10.1007/BF01401138. PMID: 8304061.
- 584: Vällfors B, Bergdahl B. Haemostasis by Computerised Bipolar Diathermy. Surg Technol Int. 1991 Nov;1:127-129. PMID: 28581596.
- 585: Bergdahl B, Vällfors B. Studies on coagulation and the development of an automatic computerized bipolar coagulator. Technical note. J Neurosurg. 1991 Jul;75(1):148-51. doi: 10.3171/jns.1991.75.1.0148. PMID: 2045902.
- 586: Frennered AK, Danielson BI, Nachemson AL, Nordwall AB. Midterm follow-up of young patients fused in situ for spondylolisthesis. Spine (Phila Pa 1976). 1991 Apr;16(4):409-16. doi: 10.1097/00007632-199104000-00003. PMID: 2047914.
- 587: Jakobsson KE, Löfgren J, Zwetnow NN, Mörkrid L. Cerebral blood flow in experimental intracranial mass lesions. Part II: The postdecompression phase. Neurol Res. 1990 Sep;12(3):153-7. doi: 10.1080/01616412.1990.11739935. PMID: 1979844.
- 588: Jakobsson KE, Löfgren J, Zwetnow NN, Mörkrid L. Cerebral blood flow in experimental intracranial mass lesions. Part I: The compression phase. Neurol Res. 1990 Sep;12(3):147-52. doi: 10.1080/01616412.1990.11739934. PMID: 1979843.
- 589: Jakobsson KE, Thuomas KA, Bergström K, Pontén U, Zwetnow NN. Rebound of ICP after brain compression. An MRI study in dogs. Acta Neurochir (Wien). 1990;104(3-4):126-35. doi: 10.1007/BF01842830. PMID: 2251941.

From:

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

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=sahlgrenska_university_hospital

Last update: **2024/06/07 02:53**

