

Upstate Medical University

The State University of New York Upstate Medical University (or “Upstate”) is a SUNY health sciences university located primarily in the University Hill district of [Syracuse](#), New York. SUNY Upstate is an upper-division transfer and graduate college with degree programs within the College of Medicine, College of Nursing, College of Health Professions, and the College of Graduate Studies. Its Syracuse campus includes Upstate University Hospital.

1: Akhaddar A, Hall W, Ramraoui M, Nabil M, Elkhader A. Primary tuberculous psoas abscess as a postpartum complication: Case report and literature review. *Surg Neurol Int.* 2018 Nov 28;9:239. doi: 10.4103/sni.sni_329_18. eCollection 2018. PubMed PMID: 30595960; PubMed Central PMCID: PMC6287337.

2: Hoffman H, Jalal MS, Chin LS. The Incidence of Meningitis in Patients with Traumatic Brain Injury Undergoing External Ventricular Drain Placement: A Nationwide Inpatient Sample Analysis. *Neurocrit Care.* 2018 Dec 6. doi: 10.1007/s12028-018-0656-z. [Epub ahead of print] PubMed PMID: 30523540.

3: Campos WK, Linhares MN, Sarda J, Santos ARS, Licinio J, Quevedo J, Lin K, Walz R. Determinants for Meaningful Clinical Improvement of Pain and Health-Related Quality of Life After Spinal Cord Stimulation for Chronic Intractable Pain. *Neuromodulation.* 2018 Dec 10. doi: 10.1111/ner.12891. [Epub ahead of print] PubMed PMID: 30536545.

4: Hoffman H, Verhave B, Chin LS. Hyponatremia is associated with poorer outcomes following aneurysmal subarachnoid hemorrhage: a nationwide inpatient sample analysis. *J Neurosurg Sci.* 2018 Dec 5. doi: 10.23736/S0390-5616.18.04611-8. [Epub ahead of print] PubMed PMID: 30514071.

5: Hazama A, Abouelleil M, Marawar S, Chin LS. Abdominal Lymphocele Following Anterior Lumbar Interbody Fusion: A Case Report. *Cureus.* 2018 Sep 25;10(9):e3357. doi: 10.7759/cureus.3357. PubMed PMID: 30510867; PubMed Central PMCID: PMC6257653.

6: Ghobrial GM, Lavelle WF, Florman JE, Riew KD, Levi AD. In Reply: Symptomatic Adjacent Level Disease Requiring Surgery: Analysis of 10-Year Results From a Prospective, Randomized, Clinical Trial Comparing Cervical Disc Arthroplasty to Anterior Cervical Fusion. *Neurosurgery.* 2019 Jan 1;84(1):E109. doi: 10.1093/neuros/nyy503. PubMed PMID: 30395309.

7: Ziechmann R, Zyck S, Krishnamurthy S, Galgano M. Intradural Extramedullary Thoracic Cavernoma in a Man with Familial Multiple Cavernomas. *Cureus.* 2018 Aug 7;10(8):e3115. doi: 10.7759/cureus.3115. PubMed PMID: 30338190; PubMed Central PMCID: PMC6175264.

8: Hoffman H, Toshkezi G, Swarnkar A, Gould G, Chin LS, Krishnamurthy S. A retrospective comparison of sac and lobe morphology between ruptured and unruptured intracranial aneurysms. *J Clin Neurosci.* 2019 Feb;60:88-92. doi: 10.1016/j.jocn.2018.09.025. Epub 2018 Oct 9. PubMed PMID: 30309802.

9: Ziechmann R, Hoffman H, Chin LS. Academic Genealogy of Neurosurgery via Department Chair. *World Neurosurg.* 2019 Jan;121:e113-e118. doi: 10.1016/j.wneu.2018.09.023. Epub 2018 Sep 12. PubMed PMID: 30218804.

10: Herrick DB, Tanenbaum JE, Mankarious M, Vallabh S, Fleischman E, Kurra S, Burke SM, Roguski M, Mroz TE, Lavelle WF, Florman JE, Riesenburger RI. The relationship between surgical site drains and

reoperation for wound-related complications following posterior cervical spine surgery: a multicenter retrospective study. *J Neurosurg Spine*. 2018 Dec 1;29(6):628-634. doi: 10.3171/2018.5.SPINE171313. PubMed PMID: 30215590.

11: Hoffman H, Jalal MS, Chin LS. Effect of Hyponatremia on Outcomes After severe Traumatic Brain Injury: A Nationwide Inpatient Sample analysis. *World Neurosurg*. 2018 Oct;118:e880-e886. doi: 10.1016/j.wneu.2018.07.089. Epub 2018 Jul 18. PubMed PMID: 30031178.

12: Hazama A, Ripa V, Kwon CS, Abouelleil M, Hall W, Chin L. Full Recovery After a Bihemispheric Gunshot Wound to the Head: Case Report, Clinical Management, and Literature Review. *World Neurosurg*. 2018 Sep;117:309-314. doi: 10.1016/j.wneu.2018.06.132. Epub 2018 Jun 26. Review. PubMed PMID: 29959075.

13: Hoffman H, Ziechmann R, Gould G, Chin LS. In Reply to "Hyponatremia Following Aneurysmal Subarachnoid Hemorrhage". *World Neurosurg*. 2018 Jul;115:482. doi: 10.1016/j.wneu.2018.04.004. PubMed PMID: 29958374.

14: Hazama A, Diver J, Grannan B, Dasenbrock H, Goumnerova L. Iatrogenic obstructive hydrocephalus resulting from Gelfoam accumulation within the cerebral aqueduct: a case report. *Childs Nerv Syst*. 2018 Nov;34(11):2333-2335. doi: 10.1007/s00381-018-3874-y. Epub 2018 Jun 26. PubMed PMID: 29946809.

15: Brainstorm Consortium, Anttila V, Bulik-Sullivan B, Finucane HK, Walters RK, Bras J, Duncan L, Escott-Price V, Falcone GJ, Gormley P, Malik R, Patsopoulos NA, Ripke S, Wei Z, Yu D, Lee PH, Turley P, Grenier-Boley B, Chouraki V, Kamatani Y, Berr C, Letenneur L, Hannequin D, Amouyel P, Boland A, Deleuze JF, Duron E, Vardarajan BN, Reitz C, Goate AM, Huentelman MJ, Kamboh MI, Larson EB, Rogaeva E, St George-Hyslop P, Hakonarson H, Kukull WA, Farrer LA, Barnes LL, Beach TG, Demirci FY, Head E, Hulette CM, Jicha GA, Kauwe JSK, Kaye JA, Leverenz JB, Levey AI, Lieberman AP, Pankratz VS, Poon WW, Quinn JF, Saykin AJ, Schneider LS, Smith AG, Sonnen JA, Stern RA, Van Deerlin VM, Van Eldik LJ, Harold D, Russo G, Rubinsztein DC, Bayer A, Tsolaki M, Proitsi P, Fox NC, Hampel H, Owen MJ, Mead S, Passmore P, Morgan K, Nöthen MM, Rossor M, Lupton MK, Hoffmann P, Kornhuber J, Lawlor B, McQuillin A, Al-Chalabi A, Bis JC, Ruiz A, Boada M, Seshadri S, Beiser A, Rice K, van der Lee SJ, De Jager PL, Geschwind DH, Riemenschneider M, Riedel-Heller S, Rotter JI, Ransmayr G, Hyman BT, Cruchaga C, Alegret M, Winsvold B, Palta P, Farh KH, Cuenca-Leon E, Furlotte N, Kurth T, Ligthart L, Terwindt GM, Freilinger T, Ran C, Gordon SD, Borck G, Adams HHH, Lehtimäki T, Wedenoja J, Buring JE, Schürks M, Hrafnsdottir M, Hottenga JJ, Penninx B, Artto V, Kaunisto M, Vepsäläinen S, Martin NG, Montgomery GW, Kurki MI, Hämäläinen E, Huang H, Huang J, Sandor C, Webber C, Muller-Myhsok B, Schreiber S, Salomaa V, Loehrer E, Göbel H, Macaya A, Pozo-Rosich P, Hansen T, Werge T, Kaprio J, Metspalu A, Kubisch C, Ferrari MD, Belin AC, van den Maagdenberg AMJM, Zwart JA, Boomsma D, Eriksson N, Olesen J, Chasman DI, Nyholt DR, Avbersek A, Baum L, Berkovic S, Bradfield J, Buono R, Catarino CB, Cossette P, De Jonghe P, Depondt C, Dlugos D, Ferraro TN, French J, Hjalgrim H, Jamnadas-Khoda J, Kälviäinen R, Kunz WS, Lerche H, Leu C, Lindhout D, Lo W, Lowenstein D, McCormack M, Møller RS, Molloy A, Ng PW, Oliver K, Privitera M, Radtke R, Ruppert AK, Sander T, Schachter S, Schankin C, Scheffer I, Schoch S, Sisodiya SM, Smith P, Sperling M, Striano P, Surges R, Thomas GN, Visscher F, Whelan CD, Zara F, Heinzen EL, Marson A, Becker F, Stroink H, Zimprich F, Gasser T, Gibbs R, Heutink P, Martinez M, Morris HR, Sharma M, Ryten M, Mok KY, Pulit S, Bevan S, Holliday E, Attia J, Battey T, Boncoraglio G, Thijs V, Chen WM, Mitchell B, Rothwell P, Sharma P, Sudlow C, Vicente A, Markus H, Kourkoulis C, Pera J, Raffeld M, Silliman S, Boraska Perica V, Thornton LM, Huckins LM, William Rayner N, Lewis CM, Gratacos M, Rybakowski F, Keski-Rahkonen A, Raevuori A, Hudson JI, Reichborn-Kjennerud T, Monteleone P, Karwautz A, Mannik K, Baker JH, O'Toole JK, Trace SE, Davis OSP, Helder SG, Ehrlich S, Herpertz-Dahlmann B, Danner UN, van Elburg AA, Clementi M, Forzan M, Docampo E, Lissowska J, Hauser J, Tortorella A, Maj M, Gonidakis F, Tziouvas K, Papezova H,

Yilmaz Z, Wagner G, Cohen-Woods S, Herms S, Julià A, Rabionet R, Dick DM, Ripatti S, Andreassen OA, Espeseth T, Lundervold AJ, Steen VM, Pinto D, Scherer SW, Aschauer H, Schosser A, Alfredsson L, Padyukov L, Halmi KA, Mitchell J, Strober M, Bergen AW, Kaye W, Szatkiewicz JP, Cormand B, Ramos-Quiroga JA, Sánchez-Mora C, Ribasés M, Casas M, Hervas A, Arranz MJ, Haavik J, Zayats T, Johansson S, Williams N, Dempfle A, Rothenberger A, Kuntsi J, Oades RD, Banaschewski T, Franke B, Buitelaar JK, Arias Vasquez A, Doyle AE, Reif A, Lesch KP, Freitag C, Rivero O, Palmason H, Romanos M, Langley K, Rietschel M, Witt SH, Dalsgaard S, Børglum AD, Waldman I, Wilmot B, Molly N, Bau CHD, Crosbie J, Schachar R, Loo SK, McGough JJ, Grevet EH, Medland SE, Robinson E, Weiss LA, Bacchelli E, Bailey A, Bal V, Battaglia A, Betancur C, Bolton P, Cantor R, Celestino-Soper P, Dawson G, De Rubeis S, Duque F, Green A, Klauck SM, Leboyer M, Levitt P, Maestrini E, Mane S, De-Luca DM, Parr J, Regan R, Reichenberg A, Sandin S, Vorstman J, Wassink T, Wijsman E, Cook E, Santangelo S, Delorme R, Rogé B, Magalhaes T, Arking D, Schulze TG, Thompson RC, Strohmaier J, Matthews K, Melle I, Morris D, Blackwood D, McIntosh A, Bergen SE, Schalling M, Jamain S, Maaser A, Fischer SB, Reinbold CS, Fullerton JM, Guzman-Parra J, Mayoral F, Schofield PR, Cichon S, Mühleisen TW, Degenhardt F, Schumacher J, Bauer M, Mitchell PB, Gershon ES, Rice J, Potash JB, Zandi PP, Craddock N, Ferrier IN, Alda M, Rouleau GA, Turecki G, Ophoff R, Pato C, Anjorin A, Stahl E, Leber M, Czerski PM, Cruceanu C, Jones IR, Posthuma D, Andlauer TFM, Forstner AJ, Streit F, Baune BT, Air T, Sinnamon G, Wray NR, MacIntyre DJ, Porteous D, Homuth G, Rivera M, Grove J, Middeldorp CM, Hickie I, Pergadia M, Mehta D, Smit JH, Jansen R, de Geus E, Dunn E, Li QS, Nauck M, Schoevers RA, Beekman AT, Knowles JA, Viktorin A, Arnold P, Barr CL, Bedoya-Berrio G, Bienvenu OJ, Brentani H, Burton C, Camarena B, Cappi C, Cath D, Cavallini M, Cusi D, Darrow S, Denys D, Derks EM, Dietrich A, Fernandez T, Figeo M, Freimer N, Gerber G, Grados M, Greenberg E, Hanna GL, Hartmann A, Hirschtritt ME, Hoekstra PJ, Huang A, Huyser C, Illmann C, Jenike M, Kuperman S, Leventhal B, Lochner C, Lyon GJ, Macciardi F, Madruga-Garrido M, Malaty IA, Maras A, McGrath L, Miguel EC, Mir P, Nestadt G, Nicolini H, Okun MS, Pakstis A, Paschou P, Piacentini J, Pittenger C, Plessen K, Ramensky V, Ramos EM, Reus V, Richter MA, Riddle MA, Robertson MM, Roessner V, Rosário M, Samuels JF, Sandor P, Stein DJ, Tsetsos F, Van Nieuwerburgh F, Weatherall S, Wendland JR, Wolanczyk T, Worbe Y, Zai G, Goes FS, McLaughlin N, Nestadt PS, Grabe HJ, Depienne C, Konkashbaev A, Lanzagorta N, Valencia-Duarte A, Bramon E, Buccola N, Cahn W, Cairns M, Chong SA, Cohen D, Crespo-Facorro B, Crowley J, Davidson M, DeLisi L, Dinan T, Donohoe G, Drapeau E, Duan J, Haan L, Hougaard D, Karachanak-Yankova S, Khrunin A, Klovins J, Kučinskis V, Lee Chee Keong J, Limborska S, Loughland C, Lönnqvist J, Maher B, Mattheisen M, McDonald C, Murphy KC, Nenadic I, van Os J, Pantelis C, Pato M, Petryshen T, Quedsted D, Roussos P, Sanders AR, Schall U, Schwab SG, Sim K, So HC, Stögmann E, Subramaniam M, Toncheva D, Waddington J, Walters J, Weiser M, Cheng W, Cloninger R, Curtis D, Gejman PV, Henskens F, Mattingsdal M, Oh SY, Scott R, Webb B, Breen G, Churchhouse C, Bulik CM, Daly M, Dichgans M, Faraone SV, Guerreiro R, Holmans P, Kendler KS, Koeleman B, Mathews CA, Price A, Scharf J, Sklar P, Williams J, Wood NW, Cotsapas C, Palotie A, Smoller JW, Sullivan P, Rosand J, Corvin A, Neale BM, Schott JM, Anney R, Elia J, Grigoriou-Serbanescu M, Edenberg HJ, Murray R. Analysis of shared heritability in common disorders of the brain. *Science*. 2018 Jun 22;360(6395). pii: eaap8757. doi: 10.1126/science.aap8757. PubMed PMID: 29930110; PubMed Central PMCID: PMC6097237.

16: Ping S, Qiu X, Gonzalez-Toledo ME, Liu X, Zhao LR. Stem Cell Factor in Combination with Granulocyte Colony-Stimulating Factor reduces Cerebral Capillary Thrombosis in a Mouse Model of CADASIL. *Cell Transplant*. 2018 Apr;27(4):637-647. doi: 10.1177/0963689718766460. Epub 2018 Jun 5. PubMed PMID: 29871518; PubMed Central PMCID: PMC6041883.

17: Ghobrial GM, Lavelle WF, Florman JE, Riew KD, Levi AD. Symptomatic Adjacent Level Disease Requiring Surgery: Analysis of 10-Year Results From a Prospective, Randomized, Clinical Trial Comparing Cervical Disc Arthroplasty to Anterior Cervical Fusion. *Neurosurgery*. 2019 Feb 1;84(2):347-354. doi: 10.1093/neuros/nyy118. PubMed PMID: 29635520.

18: Kenton EJ, Culebras A, Fayad PB, Goldstein LB, Kaskie B, Leira EC, Lutsep HL, Wechsler LR, Biller J, Katzan IL, Stevens JC, Wang DZ, Adams N, Cahill C; AAN Vascular Neurology Stroke Practice Resources Workgroup. Impact of Stroke Call on the Stroke Neurology Workforce in the United States: Possible Challenges and Opportunities. *J Stroke Cerebrovasc Dis*. 2018 Jul;27(7):2019-2025. doi: 10.1016/j.jstrokecerebrovasdis.2018.02.063. Epub 2018 Apr 3. PubMed PMID: 29625799.

19: Zhao LR, Willing A. Enhancing endogenous capacity to repair a stroke-damaged brain: An evolving field for stroke research. *Prog Neurobiol*. 2018 Apr - May;163-164:5-26. doi: 10.1016/j.pneurobio.2018.01.004. Epub 2018 Feb 21. Review. PubMed PMID: 29476785; PubMed Central PMCID: PMC6075953.

20: Hoffman H, Ziechmann R, Beutler T, Verhave B, Chin LS. First-line management of chronic subdural hematoma with the subdural evacuating port system: Institutional experience and predictors of outcomes. *J Clin Neurosci*. 2018 Apr;50:221-225. doi: 10.1016/j.jocn.2018.01.068. Epub 2018 Feb 7. PubMed PMID: 29428265.

21: Sweeney J, Bodman A, Hall WA. Brain Abscess of Basal Ganglia Presenting with Persistent Hiccups. *World Neurosurg*. 2018 Apr;112:182-185. doi: 10.1016/j.wneu.2018.01.139. Epub 2018 Jan 31. PubMed PMID: 29382620.

22: Galgano MA, Goulart CR, Chisholm K, Hazen M, Stone S. Rapid-Onset Thoracic Myelopathy due to an Epidural Sarcoid-Like Lesion in a Pediatric Patient. *World Neurosurg*. 2018 Mar;111:377-380. doi: 10.1016/j.wneu.2017.12.185. Epub 2018 Jan 8. PubMed PMID: 29325956.

23: Hoffman H, Ziechmann R, Gould G, Chin LS. The Impact of Aneurysm Location on Incidence and Etiology of Hyponatremia Following Subarachnoid Hemorrhage. *World Neurosurg*. 2018 Feb;110:e621-e626. doi: 10.1016/j.wneu.2017.11.058. Epub 2017 Nov 21. PubMed PMID: 29162524.

24: Nandhu MS, Behera P, Bhaskaran V, Longo SL, Barrera-Arenas LM, Sengupta S, Rodriguez-Gil DJ, Chiocca EA, Viapiano MS. Development of a Function-Blocking Antibody Against Fibulin-3 as a Targeted Reagent for Glioblastoma. *Clin Cancer Res*. 2018 Feb 15;24(4):821-833. doi: 10.1158/1078-0432.CCR-17-1628. Epub 2017 Nov 16. PubMed PMID: 29146721; PubMed Central PMCID: PMC5815892.

25: Lupo PJ, Agopian AJ, Castillo H, Castillo J, Clayton GH, Dosa NP, Hopson B, Joseph DB, Rocque BG, Walker WO, Wiener JS, Mitchell LE. Genetic epidemiology of neural tube defects. *J Pediatr Rehabil Med*. 2017 Dec 11;10(3-4):189-194. doi: 10.3233/PRM-170456. Review. PubMed PMID: 29125517.

26: Gao M, Zhao LR. Turning Death to Growth: Hematopoietic Growth Factors Promote Neurite Outgrowth through MEK/ERK/p53 Pathway. *Mol Neurobiol*. 2018 Jul;55(7):5913-5925. doi: 10.1007/s12035-017-0814-x. Epub 2017 Nov 8. PubMed PMID: 29119536.

27: Hamdan FF, Myers CT, Cossette P, Lemay P, Spiegelman D, Laporte AD, Nassif C, Diallo O, Monlong J, Cadieux-Dion M, Dobrzeniecka S, Meloche C, Retterer K, Cho MT, Rosenfeld JA, Bi W, Massicotte C, Miguet M, Brunga L, Regan BM, Mo K, Tam C, Schneider A, Hollingsworth G; Deciphering Developmental Disorders Study, FitzPatrick DR, Donaldson A, Canham N, Blair E, Kerr B, Fry AE, Thomas RH, Shelagh J, Hurst JA, Brittain H, Blyth M, Lebel RR, Gerkes EH, Davis-Keppen L, Stein Q, Chung WK, Dorison SJ, Benke PJ, Fassi E, Corsten-Janssen N, Kamsteeg EJ, Mau-Them FT, Bruel AL, Verloes A, Öunap K, Wojcik MH, Albert DVF, Venkateswaran S, Ware T, Jones D, Liu YC, Mohammad SS, Bizargity P, Bacino CA, Leuzzi V, Martinelli S, Dallapiccola B, Tartaglia M, Blumkin L, Wierenga KJ, Purcarin G, O'Byrne JJ, Stockler S, Lehman A, Keren B, Nougues MC, Mignot C, Auvin S, Nava C, Hiatt SM, Bebin M, Shao Y, Scaglia F, Lalani SR, Frye RE, Jarjour IT, Jacques S, Boucher RM, Riou E, Srour M,

- Carmant L, Lortie A, Major P, Diadori P, Dubeau F, D'Anjou G, Bourque G, Berkovic SF, Sadleir LG, Campeau PM, Kibar Z, Lafrenière RG, Girard SL, Mercimek-Mahmutoglu S, Boelman C, Rouleau GA, Scheffer IE, Mefford HC, Andrade DM, Rossignol E, Minassian BA, Michaud JL. High Rate of Recurrent De Novo Mutations in Developmental and Epileptic Encephalopathies. *Am J Hum Genet.* 2017 Nov 2;101(5):664-685. doi: 10.1016/j.ajhg.2017.09.008. PubMed PMID: 29100083; PubMed Central PMCID: PMC5673604.
- 28: Bogart JA, Wallen J. Management of Patients With Stage I Lung Cancer. *J Oncol Pract.* 2017 Feb;13(2):69-76. doi: 10.1200/JOP.2016.019711. Review. PubMed PMID: 28972833.
- 29: Galgano M, Toshkezi G, Qiu X, Russell T, Chin L, Zhao LR. Traumatic Brain Injury: Current Treatment Strategies and Future Endeavors. *Cell Transplant.* 2017 Jul;26(7):1118-1130. doi: 10.1177/0963689717714102. Review. PubMed PMID: 28933211; PubMed Central PMCID: PMC5657730.
- 30: Xiang J, Varble N, Davies JM, Rai AT, Kono K, Sugiyama SI, Binning MJ, Tawk RG, Choi H, Ringer AJ, Snyder KV, Levy EI, Hopkins LN, Siddiqui AH, Meng H. Initial Clinical Experience with AView-A Clinical Computational Platform for Intracranial Aneurysm Morphology, Hemodynamics, and Treatment Management. *World Neurosurg.* 2017 Dec;108:534-542. doi: 10.1016/j.wneu.2017.09.030. Epub 2017 Sep 15. PubMed PMID: 28919570; PubMed Central PMCID: PMC5705258.
- 31: Latorre JGS, Flanagan S, Phipps MS, Shenoy AM, Bennett A, Seidenwurm D. Quality improvement in neurology: Stroke and Stroke Rehabilitation Quality Measurement Set update. *Neurology.* 2017 Oct 10;89(15):1619-1626. doi: 10.1212/WNL.0000000000004486. Epub 2017 Sep 13. PubMed PMID: 28904088.
- 32: Mackenzie SJ, Yi JL, Singla A, Russell TM, Osterhout DJ, Calancie B. Cauda equina repair in the rat: Part 3. Axon regeneration across Schwann cell-Seeded collagen foam. *Muscle Nerve.* 2018 Jan;57(1):E78-E84. doi: 10.1002/mus.25751. Epub 2017 Aug 13. PubMed PMID: 28746726; PubMed Central PMCID: PMC5722669.
- 33: Hoffman HA, Toshkezi G, Fullmer JM, Hall W, Chin LS. Pitfalls in Diagnosis and Management of Testicular Choriocarcinoma Metastatic to the Brain: Report of 2 Cases and Review of Literature. *World Neurosurg.* 2017 Oct;106:536-542. doi: 10.1016/j.wneu.2017.07.023. Epub 2017 Jul 13. Review. PubMed PMID: 28712904.
- 34: Subedi R, Dean R, Li W, Dhamoon A. A novel case of *Raoultella planticola* osteomyelitis and epidural abscess. *BMJ Case Rep.* 2017 Jul 13;2017. pii: bcr-2017-220329. doi: 10.1136/bcr-2017-220329. PubMed PMID: 28705846.
- 35: Ghose GM, Ts'o DY. Integration of color, orientation, and size functional domains in the ventral pathway. *Neurophotonics.* 2017 Jul;4(3):031216. doi: 10.1117/1.NPh.4.3.031216. Epub 2017 May 27. PubMed PMID: 28573155; PubMed Central PMCID: PMC5446780.
- 36: Nandhu MS, Kwiatkowska A, Bhaskaran V, Hayes J, Hu B, Viapiano MS. Tumor-derived fibulin-3 activates pro-invasive NF- κ B signaling in glioblastoma cells and their microenvironment. *Oncogene.* 2017 Aug 24;36(34):4875-4886. doi: 10.1038/onc.2017.109. Epub 2017 Apr 17. PubMed PMID: 28414309; PubMed Central PMCID: PMC5570669.
- 37: Leisman D, Huang V, Zhou Q, Gribben J, Bianculli A, Bernshteyn M, Ward MF, Schneider SM. Delayed Second Dose Antibiotics for Patients Admitted From the Emergency Department With Sepsis: Prevalence, Risk Factors, and Outcomes. *Crit Care Med.* 2017 Jun;45(6):956-965. doi: 10.1097/CCM.0000000000002377. PubMed PMID: 28328652.

- 38: Antoine S, Vaidya G, Imam H, Villarreal D. Pathophysiologic Mechanisms in Heart Failure: Role of the Sympathetic Nervous System. *Am J Med Sci*. 2017 Jan;353(1):27-30. doi: 10.1016/j.amjms.2016.06.016. Epub 2016 Jul 2. Review. PubMed PMID: 28104100.
- 39: Calancie B. Intraoperative Neuromonitoring and Alarm Criteria for Judging MEP Responses to Transcranial Electric Stimulation: The Threshold-Level Method. *J Clin Neurophysiol*. 2017 Jan;34(1):12-21. doi: 10.1097/WNP.0000000000000339. Review. PubMed PMID: 28045853.
- 40: Hazama A, Galgano M, Fullmer J, Hall W, Chin L. Affinity of Mucormycosis for Basal Ganglia in Intravenous Drug Users: Case Illustration and Review of Literature. *World Neurosurg*. 2017 Feb;98:872.e1-872.e3. doi: 10.1016/j.wneu.2016.11.130. Epub 2016 Dec 5. Review. PubMed PMID: 27923750.
- 41: Audlin JR, Khullar G, Deshaies EM, Kurra S, Lavelle WF. Intradural Carcinoid Tumor Found in a Patient with No History of Cancer. *World Neurosurg*. 2016 Dec;96:607.e1-607.e6. doi: 10.1016/j.wneu.2016.09.088. Epub 2016 Oct 3. PubMed PMID: 27713062.
- 42: Cui L, Wang D, McGillis S, Kyle M, Zhao LR. Repairing the Brain by SCF+G-CSF Treatment at 6 Months Postexperimental Stroke: Mechanistic Determination of the Causal Link Between Neurovascular Regeneration and Motor Functional Recovery. *ASN Neuro*. 2016 Aug 9;8(4). pii: 1759091416655010. doi: 10.1177/1759091416655010. Print 2016 Jun. PubMed PMID: 27511907; PubMed Central PMCID: PMC4984318.
- 43: Galgano MA, Goulart CR, Iwenofu H, Chin LS, Lavelle W, Mendel E. Osteoblastomas of the spine: a comprehensive review. *Neurosurg Focus*. 2016 Aug;41(2):E4. doi: 10.3171/2016.5.FOCUS16122. Review. PubMed PMID: 27476846.
- 44: Wang X, Bodman A, Shi C, Guo D, Wang L, Luo J, Hall WA. Tunable Lipidoid-Telodendrimer Hybrid Nanoparticles for Intracellular Protein Delivery in Brain Tumor Treatment. *Small*. 2016 Aug;12(31):4185-92. doi: 10.1002/smll.201601234. Epub 2016 Jul 4. PubMed PMID: 27375237; PubMed Central PMCID: PMC4982832.
- 45: Fukuda K, Majumdar M, Masoud H, Nguyen T, Honarmand A, Shaibani A, Ansari S, Tan LA, Chen M. Multicenter assessment of morbidity associated with cerebral arteriovenous malformation hemorrhages. *J Neurointerv Surg*. 2017 Jul;9(7):664-668. doi: 10.1136/neurintsurg-2016-012485. Epub 2016 Jun 22. PubMed PMID: 27334979.
- 46: Wang X, Shi C, Zhang L, Bodman A, Guo D, Wang L, Hall WA, Wilkens S, Luo J. Affinity-controlled protein encapsulation into sub-30 nm telodendrimer nanocarriers by multivalent and synergistic interactions. *Biomaterials*. 2016 Sep;101:258-71. doi: 10.1016/j.biomaterials.2016.06.006. Epub 2016 Jun 3. PubMed PMID: 27294543; PubMed Central PMCID: PMC4921341.
- 47: Wasserstein MP, Andriola M, Arnold G, Aron A, Duffner P, Erbe RW, Escolar ML, Estrella L, Galvin-Parton P, Iglesias A, Kay DM, Kronn DF, Kurtzberg J, Kwon JM, Langan TJ, Levy PA, Naidich TP, Orsini JJ, Pellegrino JE, Provenzale JM, Wenger DA, Caggana M. Clinical outcomes of children with abnormal newborn screening results for Krabbe disease in New York State. *Genet Med*. 2016 Dec;18(12):1235-1243. doi: 10.1038/gim.2016.35. Epub 2016 May 12. PubMed PMID: 27171547.
- 48: Klosterman T, Tatum S. Modified Facial Translocation Approach in a One-Month Old With a Skullbase Tumor. *J Craniofac Surg*. 2016 May;27(3):718-20. doi: 10.1097/SCS.0000000000002586. PubMed PMID: 27092923.
- 49: Zyck S, Toshkezi G, Krishnamurthy S, Carter DA, Siddiqui A, Hazama A, Jayarao M, Chin L.

Treatment of Penetrating Nonmissile Traumatic Brain Injury. Case Series and Review of the Literature. *World Neurosurg.* 2016 Jul;91:297-307. doi: 10.1016/j.wneu.2016.04.012. Epub 2016 Apr 9. Review. PubMed PMID: 27072332.

50: Tovar-Spinoza Z, Choi H. Magnetic resonance-guided laser interstitial thermal therapy: report of a series of pediatric brain tumors. *J Neurosurg Pediatr.* 2016 Jun;17(6):723-33. doi: 10.3171/2015.11.PEDS15242. Epub 2016 Feb 5. PubMed PMID: 26849811.

51: Yang C, Hao F, He J, Lu T, Klein RL, Zhao LR, Duan WM. Sequential Adeno-Associated Viral Vector Serotype 9-Green Fluorescent Protein Gene Transfer Causes Massive Inflammation and Intense Immune Response in Rat Striatum. *Hum Gene Ther.* 2016 Jul;27(7):528-43. doi: 10.1089/hum.2015.083. Epub 2016 Mar 16. PubMed PMID: 26847924.

52: Galgano MA, Hazama A, Deshaies EM. Refractory Thoracolumbar Cerebrospinal Fluid Leak after Multiple Spinal Ependymoma Resections Treated with External Ventricular Drainage. *Global Spine J.* 2016 Feb;6(1):e11-4. doi: 10.1055/s-0035-1550087. Epub 2015 May 6. PubMed PMID: 26835210; PubMed Central PMCID: PMC4733380.

53: Liu Y, Popescu M, Longo S, Gao M, Wang D, McGillis S, Zhao LR. Fibrinogen Reduction and Motor Function Improvement by Hematopoietic Growth Factor Treatment in Chronic Stroke in Aged Mice: A Treatment Frequency Study. *Cell Transplant.* 2016;25(4):729-34. doi: 10.3727/096368916x690791. Epub 2016 Jan 26. PubMed PMID: 26817662.

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

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

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

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

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

- 57: Loukas M, Joseph S, Etienne D, Linganna S, Hallner B, Tubbs RS. Topography and landmarks for the nerve supply to the levator ani and its relevance to pelvic floor pathologies. *Clin Anat*. 2016 May;29(4):516-23. doi: 10.1002/ca.22668. Epub 2015 Nov 26. PubMed PMID: 26579995.
- 58: Pennell T, Yi JL, Kaufman BA, Krishnamurthy S. Noninvasive measurement of cerebrospinal fluid flow using an ultrasonic transit time flow sensor: a preliminary study. *J Neurosurg Pediatr*. 2016 Mar;17(3):270-7. doi: 10.3171/2015.7.PEDS1577. Epub 2015 Nov 13. PubMed PMID: 26565943.
- 59: Lichenstein R, Monroe D, Quayle KS, Miskin M, Cooper A, Gerardi MJ, Callahan JM, Dayan PS, Holmes JF, Kuppermann N; Pediatric Emergency Care Applied Research Network (PECARN). Television-Related Head Injuries in Children: A Secondary Analysis of a Large Cohort Study of Head-Injured Children in the Pediatric Emergency Care Applied Research Network. *Pediatr Emerg Care*. 2015 Nov 6. [Epub ahead of print] PubMed PMID: 26555312.
- 60: Liptak GS, Robinson LM, Davidson PW, Dziorny A, Lavalley R, Flaherty MG, Dosa NP. Life course health and healthcare utilization among adults with spina bifida. *Dev Med Child Neurol*. 2016 Jul;58(7):714-20. doi: 10.1111/dmcn.12952. Epub 2015 Nov 2. PubMed PMID: 26526690.
- 61: Riordan M, Klosterman T, Kellman R, Chin L. Combined Transzygomatic and Pterional Approach for Resection of a Dermoid Cyst of the Foreman Ovale. *World Neurosurg*. 2016 Mar;87:661.e1-4. doi: 10.1016/j.wneu.2015.07.037. Epub 2015 Jul 22. PubMed PMID: 26210713.
- 62: Hanna B, Li YM, Beutler T, Goyal P, Hall WA. Xanthomatous hypophysitis. *J Clin Neurosci*. 2015 Jul;22(7):1091-7. doi: 10.1016/j.jocn.2015.01.019. Epub 2015 May 6. Review. PubMed PMID: 25957783.
- 63: Adams AC, Kyle M, Beaman-Hall CM, Monaco EA 3rd, Cullen M, Vallano ML. Microglia in Glia-Neuron Co-cultures Exhibit Robust Phagocytic Activity Without Concomitant Inflammation or Cytotoxicity. *Cell Mol Neurobiol*. 2015 Oct;35(7):961-75. doi: 10.1007/s10571-015-0191-9. Epub 2015 Apr 18. PubMed PMID: 25894384.
- 64: Wright FA, Lu JP, Sliter DA, Dupré N, Rouleau GA, Wojcikiewicz RJ. A Point Mutation in the Ubiquitin Ligase RNF170 That Causes Autosomal Dominant Sensory Ataxia Destabilizes the Protein and Impairs Inositol 1,4,5-Trisphosphate Receptor-mediated Ca²⁺ Signaling. *J Biol Chem*. 2015 May 29;290(22):13948-57. doi: 10.1074/jbc.M115.655043. Epub 2015 Apr 16. PubMed PMID: 25882839; PubMed Central PMCID: PMC4447968.
- 65: Daugherty E, Bhavsar S, Hahn SS, Bassano D, Hall W. A successful case of multiple stereotactic radiosurgeries for ipsilateral recurrent trigeminal neuralgia. *J Neurosurg*. 2015 Jun;122(6):1324-9. doi: 10.3171/2014.9.JNS13959. Epub 2015 Mar 27. PubMed PMID: 25816083.
- 66: Huang W, Wang X, Shi C, Guo D, Xu G, Wang L, Bodman A, Luo J. Fine-tuning vitamin E-containing telodendrimers for efficient delivery of gambogic acid in colon cancer treatment. *Mol Pharm*. 2015 Apr 6;12(4):1216-29. doi: 10.1021/acs.molpharmaceut.5b00051. Epub 2015 Mar 2. PubMed PMID: 25692376.
- 67: Villwock JA, Villwock MR, Goyal P, Deshaies EM. Current trends in surgical approach and outcomes following pituitary tumor resection. *Laryngoscope*. 2015 Jun;125(6):1307-12. doi: 10.1002/lary.25120. Epub 2015 Jan 13. PubMed PMID: 25583436.
- 68: Di Ieva A, Audigé L, Kellman RM, Shumrick KA, Ringl H, Prein J, Matula C. The Comprehensive AOCMF Classification: Skull Base and Cranial Vault Fractures - Level 2 and 3 Tutorial. *Cranio-maxillofac Trauma Reconstr*. 2014 Dec;7(Suppl 1):S103-13. doi: 10.1055/s-0034-1389563. PubMed PMID:

25489394; PubMed Central PMCID: PMC4251721.

69: Villwock MR, Singla A, Padalino DJ, Ramaswamy R, Deshaies EM. Optimum timing of revascularization for emergent admissions of carotid artery stenosis with infarction. *Clin Neurol Neurosurg*. 2014 Dec;127:128-33. doi: 10.1016/j.clineuro.2014.10.008. Epub 2014 Oct 22. PubMed PMID: 25459259.

70: MacKenzie SJ, Yi JL, Singla A, Russell TM, Calancie B. Innervation and function of rat tail muscles for modeling cauda equina injury and repair. *Muscle Nerve*. 2015 Jul;52(1):94-102. doi: 10.1002/mus.24498. Epub 2015 May 29. PubMed PMID: 25346299.

71: Cui L, Duchamp NS, Boston DJ, Ren X, Zhang X, Hu H, Zhao LR. NF- κ B is involved in brain repair by stem cell factor and granulocyte-colony stimulating factor in chronic stroke. *Exp Neurol*. 2015 Jan;263:17-27. doi: 10.1016/j.expneurol.2014.08.026. Epub 2014 Oct 2. PubMed PMID: 25281484.

72: Liu XY, Gonzalez-Toledo ME, Fagan A, Duan WM, Liu Y, Zhang S, Li B, Piao CS, Nelson L, Zhao LR. Stem cell factor and granulocyte colony-stimulating factor exhibit therapeutic effects in a mouse model of CADASIL. *Neurobiol Dis*. 2015 Jan;73:189-203. doi: 10.1016/j.nbd.2014.09.006. Epub 2014 Sep 22. PubMed PMID: 25251607.

73: Villwock MR, Singla A, Padalino DJ, Deshaies EM. Stenting versus endarterectomy and the impact of ultra-early revascularization for emergent admissions of carotid artery stenosis. *J Stroke Cerebrovasc Dis*. 2014 Oct;23(9):2341-9. doi: 10.1016/j.jstrokecerebrovasdis.2014.05.003. Epub 2014 Sep 6. PubMed PMID: 25200243.

74: Johnson MD, Reeder JE, O'Connell M, Woodford M, Walter K. CIP2A and PP2A in human leptomeninges, arachnoid granulations and meningiomas. *J Clin Neurosci*. 2014 Dec;21(12):2228-32. doi: 10.1016/j.jocn.2014.05.019. Epub 2014 Jul 8. PubMed PMID: 25012485.

75: Chowdhry VK, Chowdhry AK, Goldman N, Scalzetti EM, Grage RA, Bogart JA. Complications from computed tomography-guided core needle biopsy for patients receiving stereotactic body radiation therapy for early-stage lesions of the lung. *Clin Lung Cancer*. 2014 Jul;15(4):302-6. doi: 10.1016/j.clcc.2014.04.001. Epub 2014 May 12. PubMed PMID: 24954230.

76: Xiang J, Yu J, Choi H, Dolan Fox JM, Snyder KV, Levy EI, Siddiqui AH, Meng H. Rupture Resemblance Score (RRS): toward risk stratification of unruptured intracranial aneurysms using hemodynamic-morphological discriminants. *J Neurointerv Surg*. 2015 Jul;7(7):490-5. doi: 10.1136/neurintsurg-2014-011218. Epub 2014 May 7. PubMed PMID: 24811740.

77: Ma D, Xiang J, Choi H, Dumont TM, Natarajan SK, Siddiqui AH, Meng H. Enhanced aneurysmal flow diversion using a dynamic push-pull technique: an experimental and modeling study. *AJNR Am J Neuroradiol*. 2014 Sep;35(9):1779-85. doi: 10.3174/ajnr.A3933. Epub 2014 Apr 24. PubMed PMID: 24763414.

78: Villwock MR, Singla A, Padalino DJ, Deshaies EM. Acute ischaemic stroke outcomes following mechanical thrombectomy in the elderly versus their younger counterpart: a retrospective cohort study. *BMJ Open*. 2014 Mar 20;4(3):e004480. doi: 10.1136/bmjopen-2013-004480. PubMed PMID: 24650806; PubMed Central PMCID: PMC3963096.

79: Hall WA. Improving outcomes in cerebral aspergillosis. *World Neurosurg*. 2014 Jul-Aug;82(1-2):e139-40. doi: 10.1016/j.wneu.2014.03.007. Epub 2014 Mar 5. PubMed PMID: 24613669.

80: Villwock JA, Villwock MR, Deshaies EM. Tracheostomy timing affects stroke recovery. *J Stroke*

Cerebrovasc Dis. 2014 May-Jun;23(5):1069-72. doi: 10.1016/j.jstrokecerebrovasdis.2013.09.008. Epub 2014 Feb 17. PubMed PMID: 24555919.

81: Fargen KM, Blackburn S, Deshaies EM, Carpenter JS, Jabbour P, Mack WJ, Rai AT, Siddiqui AH, Turner RD, Mocco J. Final results of the multicenter, prospective Axiom MicroFX for Endovascular Repair of IntraCranial Aneurysm Study (AMERICA). J Neurointerv Surg. 2015 Jan;7(1):40-3. doi: 10.1136/neurintsurg-2013-011049. Epub 2014 Jan 6. PubMed PMID: 24394153.

82: Liu XY, Gonzalez-Toledo ME, Fagan A, Duan WM, Liu Y, Zhang S, Li B, Piao CS, Nelson L, Zhao LR. Novel pathological features and potential therapeutic approaches for CADASIL: insights obtained from a mouse model of CADASIL. Ther Targets Neurol Dis. 2014;1. pii: e434. doi: 10.14800/ttnd.434. Epub 2014 Dec 2. PubMed PMID: 30090853; PubMed Central PMCID: PMC6078431.

83: Tutino VM, Mandelbaum M, Choi H, Pope LC, Siddiqui A, Kolega J, Meng H. Aneurysmal remodeling in the circle of Willis after carotid occlusion in an experimental model. J Cereb Blood Flow Metab. 2014 Mar;34(3):415-24. doi: 10.1038/jcbfm.2013.209. Epub 2013 Dec 11. PubMed PMID: 24326393; PubMed Central PMCID: PMC3948116.

84: Hall WA. Spinal parasites. World Neurosurg. 2015 Jan;83(1):39-40. doi: 10.1016/j.wneu.2013.08.053. Epub 2013 Sep 25. PubMed PMID: 24076055.

85: Phillips SB, Delly F, Nelson C, Krishnamurthy S. Bedside external ventricular drain placement: can multiple passes be predicted on the computed tomography scan before the procedure? World Neurosurg. 2014 Nov;82(5):739-44. doi: 10.1016/j.wneu.2013.08.030. Epub 2013 Aug 31. PubMed PMID: 24001796.

86: Deshaies EM. Tri-axial system using the Solitaire-FR and Penumbra Aspiration Microcatheter for acute mechanical thrombectomy. J Clin Neurosci. 2013 Sep;20(9):1303-5. doi: 10.1016/j.jocn.2012.10.037. Epub 2013 Jul 5. PubMed PMID: 23835465.

87: Cui L, Murikinati SR, Wang D, Zhang X, Duan WM, Zhao LR. Reestablishing neuronal networks in the aged brain by stem cell factor and granulocyte-colony stimulating factor in a mouse model of chronic stroke. PLoS One. 2013 Jun 4;8(6):e64684. doi: 10.1371/journal.pone.0064684. Print 2013. PubMed PMID: 23750212; PubMed Central PMCID: PMC3672166.

88: Li YM, Vallera DA, Hall WA. Diphtheria toxin-based targeted toxin therapy for brain tumors. J Neurooncol. 2013 Sep;114(2):155-64. doi: 10.1007/s11060-013-1157-8. Epub 2013 May 22. Review. PubMed PMID: 23695514.

89: Singla A, Lin N, Ho AL, Scott RM, Smith ER. Vascular collateralization along ventriculoperitoneal shunt catheters in moyamoya disease. J Neurosurg Pediatr. 2013 Jun;11(6):710-2. doi: 10.3171/2013.3.PEDS12273. Epub 2013 Apr 12. PubMed PMID: 23581637.

90: Kim PD, Hall WA. Use of positron emission tomography scanning to evaluate pseudoresponse. Transl Pediatr. 2013 Apr;2(2):57-8. doi: 10.3978/j.issn.2224-4336.2013.04.07. PubMed PMID: 26835289; PubMed Central PMCID: PMC4728915.

91: Hall WA. Cranioplasty infections—adding insult to injury. World Neurosurg. 2014 Sep-Oct;82(3-4):e435-7. doi: 10.1016/j.wneu.2013.03.005. Epub 2013 Mar 14. PubMed PMID: 23500342.

92: Li YM, Blaskiewicz DJ, Hall WA. Shunt-related intracranial abscess caused by *Staphylococcus lugdunensis* in a hydranencephalic patient. World Neurosurg. 2013 Dec;80(6):e387-9. doi: 10.1016/j.wneu.2013.01.046. Epub 2013 Jan 12. PubMed PMID: 23321380.

93: Singla A, Brace O'Neill JE, Smith E, Scott RM. Cavernous malformations of the brain after treatment for acute lymphocytic leukemia: presentation and long-term follow-up. *J Neurosurg Pediatr.* 2013 Feb;11(2):127-32. doi: 10.3171/2012.11.PEDS12235. Epub 2012 Dec 7. PubMed PMID: 23215773.

94: Donohue ML, Swaminathan V, Gilbert JL, Fox CW, Smale J, Moquin RR, Calancie B. Intraoperative neuromonitoring: can the results of direct stimulation of titanium-alloy pedicle screws in the thoracic spine be trusted? *J Clin Neurophysiol.* 2012 Dec;29(6):502-8. doi: 10.1097/WNP.0b013e3182767aac. PubMed PMID: 23207589.

95: Cummings M, Chowdhry V, Shah H, Back J, Kennedy GA. Recurrent meningeal sarcoma successfully treated with stereotactic radiosurgery. *J Neurosurg Pediatr.* 2012 Nov;10(5):434-8. doi: 10.3171/2012.8.PEDS12212. Epub 2012 Sep 21. PubMed PMID: 22998032.

96: Singla A, Silvera VM, Ciarlini P, Warf BC. Dysplastic-reactive choroid plexus presenting as an intramedullary tumor of the cervicomedullary junction in a patient with myelomeningocele. *J Neurosurg Pediatr.* 2012 Nov;10(5):406-10. doi: 10.3171/2012.8.PEDS12262. Epub 2012 Sep 14. PubMed PMID: 22978638.

97: Huang J, Li YM, Massague J, Sicheneder A, Vallera DA, Hall WA. Intracerebral infusion of the bispecific targeted toxin DTATEGF in a mouse xenograft model of a human metastatic non-small cell lung cancer. *J Neurooncol.* 2012 Sep;109(2):229-38. doi: 10.1007/s11060-012-0904-6. Epub 2012 Jun 14. PubMed PMID: 22696210.

98: Hall WA. Free-living amoebas: is it safe to go in the water? *World Neurosurg.* 2012 Dec;78(6):610-1. doi: 10.1016/j.wneu.2011.12.063. Epub 2011 Dec 17. PubMed PMID: 22381294.

99: Tatum SA, Jones LR, Cho M, Sandhu RS. Differential management of scaphocephaly. *Laryngoscope.* 2012 Feb;122(2):246-53. doi: 10.1002/lary.22463. Epub 2012 Jan 17. Erratum in: *Laryngoscope.* 2013 May;123(5):1318. Sandu, Ranjit [corrected to Sandhu, Ranjit S]. PubMed PMID: 22252931.

100: Longo SL, Padalino DJ, McGillis S, Petersen K, Schirok H, Politz O, Canute GW, Post DE. Bay846, a new irreversible small molecule inhibitor of EGFR and Her2, is highly effective against malignant brain tumor models. *Invest New Drugs.* 2012 Dec;30(6):2161-72. doi: 10.1007/s10637-011-9784-4. Epub 2011 Dec 29. PubMed PMID: 22203214.

101: Padalino DJ, Deshaies EM. Tandem middle cerebral artery-internal carotid artery occlusions: reduced occlusion-to-revascularization time using a trans-anterior communicating artery approach with a penumbra device. *J Neurosurg.* 2012 Mar;116(3):665-71. doi: 10.3171/2011.10.JNS111516. Epub 2011 Dec 23. PubMed PMID: 22196094.

102: Hall WA. To clip or not to clip, that is the question? *World Neurosurg.* 2012 Feb;77(2):291-2. doi: 10.1016/j.wneu.2011.02.044. Epub 2011 Nov 17. PubMed PMID: 22099553.

103: Li YM, Hall WA. Targeted toxins in brain tumor therapy. *Toxins (Basel).* 2010 Nov;2(11):2645-62. doi: 10.3390/toxins2112645. Epub 2010 Nov 1. Review. PubMed PMID: 22069569; PubMed Central PMCID: PMC3153175.

104: Lodi YM, Latorre JG, El-Zammar Z, Swarnkar A, Deshaies E, Fessler RD. Stent assisted coiling of the ruptured wide necked intracranial aneurysm. *J Neurointerv Surg.* 2012 Jul;4(4):281-6. doi: 10.1136/neurintsurg-2011-010035. Epub 2011 Jul 18. PubMed PMID: 21990500.

- 105: Li YM, Hall WA. Cell surface receptors in malignant glioma. *Neurosurgery*. 2011 Oct;69(4):980-94; discussion 994. doi: 10.1227/NEU.0b013e318220a672. Review. PubMed PMID: 21522029.
- 106: Tovar-Spinoza Z, Bode M. Spinal epidural abscess in a neonate. *J Neurosurg Pediatr*. 2011 Feb;7(2):205-8. doi: 10.3171/2010.11.PEDS10159. PubMed PMID: 21284468.
- 107: Schallek J, Ts'o D. Blood contrast agents enhance intrinsic signals in the retina: evidence for an underlying blood volume component. *Invest Ophthalmol Vis Sci*. 2011 Mar 10;52(3):1325-35. doi: 10.1167/iovs.10-5215. Print 2011 Mar. PubMed PMID: 21051719; PubMed Central PMCID: PMC3101695.
- 108: Longo SL, Griffith C, Glass A, Shillitoe EJ, Post DE. Development of an oncolytic herpes simplex virus using a tumor-specific HIF-responsive promoter. *Cancer Gene Ther*. 2011 Feb;18(2):123-34. doi: 10.1038/cgt.2010.62. Epub 2010 Oct 8. PubMed PMID: 20930860; PubMed Central PMCID: PMC3021095.
- 109: Cherry T, Longo SL, Tovar-Spinoza Z, Post DE. Second-generation HIF-activated oncolytic adenoviruses with improved replication, oncolytic, and antitumor efficacy. *Gene Ther*. 2010 Dec;17(12):1430-41. doi: 10.1038/gt.2010.100. Epub 2010 Jul 22. PubMed PMID: 20664541; PubMed Central PMCID: PMC2978277.
- 110: Carruth BP, Bersani TA, Hurley PE, Ko MW. Visual improvement after optic nerve sheath decompression in a case of congenital hydrocephalus and persistent visual loss despite intracranial pressure correction via shunting. *Ophthalmic Plast Reconstr Surg*. 2010 Jul-Aug;26(4):297-8. doi: 10.1097/IOP.0b013e3181c0e2d0. PubMed PMID: 20551858.
- 111: Siebert JR, Middleton FA, Stelzner DJ. Intrinsic response of thoracic propriospinal neurons to axotomy. *BMC Neurosci*. 2010 Jun 4;11:69. doi: 10.1186/1471-2202-11-69. PubMed PMID: 20525361; PubMed Central PMCID: PMC2894843.
- 112: Star A, Fuller CE, Landas SK. Intracranial aneurysms in klippel-trenaunay/weber syndromes: case report. *Neurosurgery*. 2010 May;66(5):E1027-8; discussion E1028. doi: 10.1227/01.NEU.0000368392.69904.BE. PubMed PMID: 20404675.
- 113: Yahia AM, Latorre J, Gordon V, Whapham J, Malek A, Fessler RD. Thromboembolic events associated with Neuroform stent in endovascular treatment of intracranial aneurysms. *J Neuroimaging*. 2010 Apr;20(2):113-7. doi: 10.1111/j.1552-6569.2009.00390.x. Epub 2009 Jun 26. PubMed PMID: 19563450.
- 114: Kim PD, Truwit CL, Hall WA. Three-tesla high-field applications. *Neurosurg Clin N Am*. 2009 Apr;20(2):173-8. doi: 10.1016/j.nec.2009.04.009. Review. PubMed PMID: 19555879.
- 115: Petrela E, Hodge CJ, Hahn SS, Chung CT, Mejico LJ. Stereotactic radiosurgery in two cases of presumed fourth cranial nerve schwannoma. *J Neuroophthalmol*. 2009 Mar;29(1):54-7. doi: 10.1097/WNO.0b013e31818f6463. PubMed PMID: 19458578.
- 116: Schallek J, Li H, Kardon R, Kwon Y, Abramoff M, Soliz P, Ts'o D. Stimulus-evoked intrinsic optical signals in the retina: spatial and temporal characteristics. *Invest Ophthalmol Vis Sci*. 2009 Oct;50(10):4865-72. doi: 10.1167/iovs.08-3290. Epub 2009 May 6. PubMed PMID: 19420337; PubMed Central PMCID: PMC5201213.
- 117: Schallek J, Kardon R, Kwon Y, Abramoff M, Soliz P, Ts'o D. Stimulus-evoked intrinsic optical

signals in the retina: pharmacologic dissection reveals outer retinal origins. *Invest Ophthalmol Vis Sci.* 2009 Oct;50(10):4873-80. doi: 10.1167/iovs.08-3291. Epub 2009 May 6. PubMed PMID: 19420331; PubMed Central PMCID: PMC5201214.

118: Hodge CJ Jr. Robert B. King, M.D., 1922-2008. *J Neurosurg.* 2009 Apr;110(4):809-810. doi: 10.3171/2008.11.JNS081480. Epub 2009 Jan 30. PubMed PMID: 28317436.

119: Hall WA. Convection-enhanced delivery: neurosurgical issues. *Curr Drug Targets.* 2009 Feb;10(2):126-30. Review. PubMed PMID: 19199908.

120: Hall WA, Kim P, Truwit CL. Functional magnetic resonance imaging-guided brain tumor resection. *Top Magn Reson Imaging.* 2009 Jan;19(4):205-12. doi: 10.1097/RMR.0b013e3181934a09. PubMed PMID: 19148037.

121: Powell JW, Chung CT, Shah HR, Canute GW, Hodge CJ, Bassano DA, Liu L, Mitchell L, Hahn SS. Gamma Knife surgery in the management of radioresistant brain metastases in high-risk patients with melanoma, renal cell carcinoma, and sarcoma. *J Neurosurg.* 2008 Dec;109 Suppl:122-8. doi: 10.3171/JNS/2008/109/12/S19. PubMed PMID: 19123898.

122: Hartley CE, Varma M, Fischer JP, Riccardi R, Strauss JA, Shah S, Zhang S, Yang ZJ. Neuroprotective effects of erythropoietin on acute metabolic and pathological changes in experimentally induced neurotrauma. *J Neurosurg.* 2008 Oct;109(4):708-14. doi: 10.3171/JNS/2008/109/10/0708. PubMed PMID: 18826359.

123: Hall WA, Truwit CL. The surgical management of infections involving the cerebrum. *Neurosurgery.* 2008 Feb;62 Suppl 2:519-530; discussion 530-1. doi: 10.1227/01.neu.0000316255.36726.5b. Review. PubMed PMID: 18596452.

124: Darbar A, Stevens RT, Siddiqui AH, McCasland JS, Hodge CJ. Pharmacological modulation of cortical plasticity following kainic acid lesion in rat barrel cortex. *J Neurosurg.* 2008 Jul;109(1):108-16. doi: 10.3171/JNS/2008/109/7/0108. PubMed PMID: 18590439.

125: Murtagh-Schaffer C, Moquin RR. Spinal reconstruction in Hajdu-Cheney syndrome. *JAAPA.* 2008 May;21(5):29, 31-3. PubMed PMID: 18556886.

126: Jennings JS, Gerber AM, Vallano ML. Pharmacological strategies for neuroprotection in traumatic brain injury. *Mini Rev Med Chem.* 2008 Jun;8(7):689-701. Review. PubMed PMID: 18537724.

127: Kim PD, Jennings JS, Fisher M, Siddiqui AH. Risk of cervical spine injury and other complications seen with skull fractures in the setting of mild closed head injury in young children: a retrospective study. *Pediatr Neurosurg.* 2008;44(2):124-7. doi: 10.1159/000113114. Epub 2008 Jan 24. PubMed PMID: 18230926.

128: Krishnamurthy S, Kelleher JP, Lehman EB, Cockroft KM. Effects of tobacco dose and length of exposure on delayed neurological deterioration and overall clinical outcome after aneurysmal subarachnoid hemorrhage. *Neurosurgery.* 2007 Sep;61(3):475-80; discussion 480-1. PubMed PMID: 17881958.

129: Suryadevara AC, Fattal M, Woods CI. Nontraumatic cerebrospinal fluid rhinorrhea as a result of pseudotumor cerebri. *Am J Otolaryngol.* 2007 Jul-Aug;28(4):242-6. PubMed PMID: 17606039.

130: Yang JN, Szeverenyi NM, Ts'o D. Neural resources associated with perceptual judgment across sensory modalities. *Cereb Cortex.* 2008 Jan;18(1):38-45. Epub 2007 Apr 5. PubMed PMID: 17412720.

- 131: Morbidini-Gaffney S, Chung CT, Alpert TE, Newman N, Hahn SS, Shah H, Mitchell L, Bassano D, Darbar A, Bajwa SA, Hodge C. Doses greater than 85 Gy and two isocenters in Gamma Knife surgery for trigeminal neuralgia: updated results. *J Neurosurg*. 2006 Dec;105 Suppl:107-11. PubMed PMID: 18503341.
- 132: Moquin RR. Operative techniques for fusion across the cervical-thoracic junction. *Spine J*. 2006 Nov-Dec;6(6 Suppl):308S-316S. Review. PubMed PMID: 17097551.
- 133: Bersani TA, Cecchi LM. Resection of anterior orbital meningoencephalocele in a newborn infant. *Ophthalmic Plast Reconstr Surg*. 2006 Sep-Oct;22(5):391-3. PubMed PMID: 16985428.
- 134: Alpert TE, Chung CT, Mitchell LT, Hodge CJ, Montgomery CT, Bogart JA, Kim DY, Bassano DA, Hahn SS. Gamma knife surgery for trigeminal neuralgia: improved initial response with two isocenters and increasing dose. *J Neurosurg*. 2005 Jan;102 Suppl:185-8. PubMed PMID: 15662807.
- 135: Eller JL, Longo SL, Kyle MM, Bassano D, Hicklin DJ, Canute GW. Anti-epidermal growth factor receptor monoclonal antibody cetuximab augments radiation effects in glioblastoma multiforme in vitro and in vivo. *Neurosurgery*. 2005;56(1):155-62; discussion 162. PubMed PMID: 15617598.
- 136: Gorji R, Camporesi EM. Hyperbaric oxygen therapy in the treatment of carbon dioxide gas embolism. *Undersea Hyperb Med*. 2004 Fall;31(3):285-9. PubMed PMID: 15568416.
- 137: Andrews MR, Stelzner DJ. Modification of the regenerative response of dorsal column axons by olfactory ensheathing cells or peripheral axotomy in adult rat. *Exp Neurol*. 2004 Dec;190(2):311-27. PubMed PMID: 15530871.
- 138: Matei CI, Logigian EL, Shefner JM. Evaluation of patients with recurrent symptoms after ulnar nerve transposition. *Muscle Nerve*. 2004 Oct;30(4):493-6. PubMed PMID: 15372440.
- 139: Calancie B, Molano MR, Broton JG. Tendon reflexes for predicting movement recovery after acute spinal cord injury in humans. *Clin Neurophysiol*. 2004 Oct;115(10):2350-63. PubMed PMID: 15351378.
- 140: Bradley EL 3rd, Bem J. Nerve blocks and neuroablative surgery for chronic pancreatitis. *World J Surg*. 2003 Nov;27(11):1241-8. Epub 2003 Oct 13. Review. Erratum in: *World J Surg*. 2004 Feb;28(2):222-3. PubMed PMID: 14534823.
- 141: Liu L, Bassano DA, Prasad SC, Hahn SS, Chung CT. The linear-quadratic model and fractionated stereotactic radiotherapy. *Int J Radiat Oncol Biol Phys*. 2003 Nov 1;57(3):827-32. PubMed PMID: 14529790.
- 142: King RB, Davis RL, Collins GH. Third ventriculostomy for internal hydrocephalus complicated by unrecognized subdural hygroma and hematoma: a case report of a patient treated by Dr. Walter Dandy. *J Neurosurg*. 2003 May;98(5):1136-40. PubMed PMID: 12744382.
- 143: Alpert TE, Hahn SS, Chung CT, Bogart JA, Hodge CJ, Montgomery C. Successful treatment of spindle cell sarcoma of the sella turcica. Case report. *J Neurosurg*. 2002 Dec;97(5 Suppl):438-40. PubMed PMID: 12507071.
- 144: Eller JL, Longo SL, Hicklin DJ, Canute GW. Activity of anti-epidermal growth factor receptor monoclonal antibody C225 against glioblastoma multiforme. *Neurosurgery*. 2002 Oct;51(4):1005-13; discussion 1013-4. PubMed PMID: 12234411.
- 145: Frankel B, Longo SL, Kyle M, Canute GW, Ryken TC. Tumor Fas (APO-1/CD95) up-regulation

results in increased apoptosis and survival times for rats with intracranial malignant gliomas. Neurosurgery. 2001 Jul;49(1):168-75; discussion 175-6. PubMed PMID: 11440439.

146: Kellman RM, Marentette L. The transglabellar/subcranial approach to the anterior skull base: a review of 72 cases. Arch Otolaryngol Head Neck Surg. 2001 Jun;127(6):687-90. PubMed PMID: 11405869.

147: Grachev ID, Swarnkar A, Szeverenyi NM, Ramachandran TS, Apkarian AV. Aging alters the multichemical networking profile of the human brain: an in vivo (1)H-MRS study of young versus middle-aged subjects. J Neurochem. 2001 Apr;77(1):292-303. PubMed PMID: 11279285.

148: King RB, Fuller C, Collins GH. Delayed onset of hemidystonia and hemiballismus following head injury: a clinicopathological correlation. Case report. J Neurosurg. 2001 Feb;94(2):309-14. PubMed PMID: 11213970.

149: Grachev ID, Apkarian AV. Aging alters regional multichemical profile of the human brain: an in vivo Proton magnetic resonance spectroscopic imaging study of young versus middle-aged subjects. J Neurochem. 2001 Jan;76(2):582-93. PubMed PMID: 11208921.

150: Grachev ID, Apkarian AV. Chemical mapping of anxiety in the brain of healthy humans: an in vivo Proton magnetic resonance spectroscopic imaging study on the effects of sex, age, and brain region. Hum Brain Mapp. 2000 Dec;11(4):261-72. PubMed PMID: 11144755.

151: Boakye M, Huckins SC, Szeverenyi NM, Taskey BI, Hodge CJ Jr. Functional magnetic resonance imaging of somatosensory cortex activity produced by electrical stimulation of the median nerve or tactile stimulation of the index finger. J Neurosurg. 2000 Nov;93(5):774-83. PubMed PMID: 11059657.

152: Trief PM, Grant W, Fredrickson B. A prospective study of psychological predictors of lumbar surgery outcome. Spine (Phila Pa 1976). 2000 Oct 15;25(20):2616-21. PubMed PMID: 11034646.

153: Grachev ID, Apkarian AV. Anxiety in healthy humans is associated with orbital frontal chemistry. Mol Psychiatry. 2000 Sep;5(5):482-8. PubMed PMID: 11032381.

154: Friedman DI. Multiple sclerosis simulating a mass lesion. J Neuroophthalmol. 2000 Sep;20(3):147-53. Review. PubMed PMID: 11001187.

155: Apkarian AV, Shi T, Brüggemann J, Airapetian LR. Segregation of nociceptive and non-nociceptive networks in the squirrel monkey somatosensory thalamus. J Neurophysiol. 2000 Jul;84(1):484-94. PubMed PMID: 10899221.

156: Nguyen TT, Yamamoto T, Stevens RT, Hodge CJ Jr. Reorganization of adult rat barrel cortex intrinsic signals following kainic acid induced central lesion. Neurosci Lett. 2000 Jul 7;288(1):5-8. PubMed PMID: 10869802.

157: Yamamoto T, Nguyen TT, Stevens RT, Meiri KF, Hodge CJ Jr. Increase of GAP-43 expression following kainic acid injection into whisker barrel cortex. Neuroreport. 2000 Jun 5;11(8):1603-5. PubMed PMID: 10852209.

158: Julien T, Frankel B, Longo S, Kyle M, Gibson S, Shillitoe E, Ryken T. Antisense-mediated inhibition of the bcl-2 gene induces apoptosis in human malignant glioma. Surg Neurol. 2000 Apr;53(4):360-8; discussion 368-9. PubMed PMID: 10825522.

159: Grachev ID, Apkarian AV. Chemical heterogeneity of the living human brain: a proton MR

spectroscopy study on the effects of sex, age, and brain region. Neuroimage. 2000 May;11(5 Pt 1):554-63. PubMed PMID: 10806041.

160: Apkarian AV, Gelnar PA, Krauss BR, Szeverenyi NM. Cortical responses to thermal pain depend on stimulus size: a functional MRI study. J Neurophysiol. 2000 May;83(5):3113-22. PubMed PMID: 10805705.

161: Young RF, Nord SG. Response patterns of neurons in rostral trigeminal nuclei to noxious and innocuous stimuli after chronic tractotomy. Surg Forum. 1978;29:493-5. PubMed PMID: 401235.

From:

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

Permanent link:

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

Last update: **2025/04/26 00:17**

