

Warsaw

Hospitals

Clinical Department of Neurosurgery, Central Clinical Hospital of the Ministry of the Interior and Administration in Warsaw, Warsaw, Poland.

Department of Neurosurgery, M. Mossakowski Medical Research Centre, Polish Academy of Sciences, 5 Pawinskiego St., PL-02106, Warsaw, [Poland](#).

Department of Neurosurgery, Medical University of Warsaw, Banacha St. 1a, 02-097, Warsaw, Poland.

[Children's Memorial Health Institute](#)

Publications

Czubowicz K, Jęśko H, Wencel P, Lukiw WJ, Strosznajder RP. The Role of [Ceramide](#) and Sphingosine-1-Phosphate in [Alzheimer's Disease](#) and Other [Neurodegenerative Disorders](#). Mol Neurobiol. 2019 Jan 5. doi: 10.1007/s12035-018-1448-3. [Epub ahead of print] Review. PubMed PMID: 30612333.

2: Kotela A, Wojdasiewicz P, Łęgosz P, Sarzyńska S, Drela K, Pulik Ł, Kaleta B, Kniotek M, Borysowski J, Poniatowski ŁA, Kotela I. Increased serum levels of progranulin (PGRN) in patients with haemophilic arthropathy. Clin Exp Pharmacol Physiol. 2018 Nov 29. doi: 10.1111/1440-1681.13054. [Epub ahead of print] PubMed PMID: 30488982.

3: Chu C, Liu G, Janowski M, Bulte JWM, Li S, Pearl M, Walczak P. Real-Time MRI Guidance for Reproducible Hyperosmolar Opening of the Blood-Brain Barrier in Mice. Front Neurol. 2018 Oct 26;9:921. doi: 10.3389/fneur.2018.00921. eCollection 2018. PubMed PMID: 30416485; PubMed Central PMCID: PMC6212512.

4: Malysz-Cymborska I, Golubczyk D, Kalkowski L, Burczyk A, Janowski M, Holak P, Olbrych K, Sanford J, Stachowiak K, Milewska K, Gorecki P, Adamiaik Z, Maksymowicz W, Walczak P. MRI-guided intrathecal transplantation of hydrogel-embedded glial progenitors in large animals. Sci Rep. 2018 Nov 7;8(1):16490. doi: 10.1038/s41598-018-34723-x. PubMed PMID: 30405160; PubMed Central PMCID: PMC6220305.

5: Andrzejewska A, Nowakowski A, Grygorowicz T, Dabrowska S, Orzel J, Walczak P, Lukomska B, Janowski M. Single-cell, high-throughput analysis of cell docking to vessel wall. J Cereb Blood Flow Metab. 2018 Oct 26:271678×18805238. doi: 10.1177/0271678×18805238. [Epub ahead of print] PubMed PMID: 30362860.

6: Uryga A, Kasprówicz M, Burzyńska M, Calviello L, Kaczmarska K, Czosnyka M. Cerebral arterial time constant calculated from the middle and posterior cerebral arteries in healthy subjects. J Clin Monit Comput. 2018 Oct 5. doi: 10.1007/s10877-018-0207-3. [Epub ahead of print] PubMed PMID: 30291539.

7: Kalkowski L, Malysz-Cymborska I, Golubczyk D, Janowski M, Holak P, Milewska K, Kedziorek D,

- Adamiak Z, Maksymowicz W, Walczak P. MRI-guided intracerebral convection-enhanced injection of gliotoxins to induce focal demyelination in swine. *PLoS One.* 2018 Oct 1;13(10):e0204650. doi: 10.1371/journal.pone.0204650. eCollection 2018. PubMed PMID: 30273376; PubMed Central PMCID: PMC6166947.
- 8: Eve DJ, Sanberg PR, Buzanska L, Sarnowska A, Domanska-Janik K. Human Somatic Stem Cell Neural Differentiation Potential. *Results Probl Cell Differ.* 2018;66:21-87. doi: 10.1007/978-3-319-93485-3_2. PubMed PMID: 30209654.
- 9: Kuzma-Kozakiewicz M, Marchel A, Kaminska A, Gawel M, Sznajder J, Figiel-Dabrowska A, Nowak A, Maj E, Krzesniak NE, Noszczyk BH, Domanska-Janik K, Sarnowska A. Intraspinal Transplantation of the Adipose Tissue-Derived Regenerative Cells in Amyotrophic Lateral Sclerosis in Accordance with the Current Experts' Recommendations: Choosing Optimal Monitoring Tools. *Stem Cells Int.* 2018 Aug 12;2018:4392017. doi: 10.1155/2018/4392017. eCollection 2018. PubMed PMID: 30158984; PubMed Central PMCID: PMC6109475.
- 10: Czarnecka A, Aleksandrowicz M, Jasiński K, Jaźwiec R, Kalita K, Hilgier W, Zielińska M. Cerebrovascular reactivity and cerebral perfusion of rats with acute liver failure: role of L-glutamine and asymmetric dimethylarginine in L-arginine-induced response. *J Neurochem.* 2018 Dec;147(5):692-704. doi: 10.1111/jnc.14578. Epub 2018 Nov 6. PubMed PMID: 30151828.
- 11: Jęśko H, Stępień A, Lukiw WJ, Strosznajder RP. The Cross-Talk Between Sphingolipids and Insulin-Like Growth Factor Signaling: Significance for Aging and Neurodegeneration. *Mol Neurobiol.* 2018 Aug 23. doi: 10.1007/s12035-018-1286-3. [Epub ahead of print] Review. PubMed PMID: 30140974.
- 12: Bratek E, Ziembowicz A, Bronisz A, Salinska E. The activation of group II metabotropic glutamate receptors protects neonatal rat brains from oxidative stress injury after hypoxia-ischemia. *PLoS One.* 2018 Jul 25;13(7):e0200933. doi: 10.1371/journal.pone.0200933. eCollection 2018. PubMed PMID: 30044838; PubMed Central PMCID: PMC6059468.
- 13: Zielinska-Turek J, Dorobek M, Turek G, Barcikowska-Kotowicz M. MMP-9 and/or TIMP as predictors of ischaemic stroke in patients with symptomatic and asymptomatic atherosclerotic stenosis of carotid artery treated by stenting or endarterectomy - A review. *Neurol Neurochir Pol.* 2018 Sep - Oct;52(5):555-561. doi: 10.1016/j.pjnns.2018.05.005. Epub 2018 May 30. Review. PubMed PMID: 29875068.
- 14: Pastuszak Ż, Czernicki Z, Koszewski W, Stępień A, Piusińska-Macoch A. Malignant middle cerebral artery (MCA) infarction in people over 85 years old - Diagnosis, management and risk factors. *Neurol Neurochir Pol.* 2018 May - Jun;52(3):311-317. doi: 10.1016/j.pjnns.2017.12.005. Epub 2017 Dec 16. Review. PubMed PMID: 29705052.
- 15: Jęśko H, Wencel PL, Lukiw WJ, Strosznajder RP. Modulatory Effects of Fingolimod (FTY720) on the Expression of Sphingolipid Metabolism-Related Genes in an Animal Model of Alzheimer's Disease. *Mol Neurobiol.* 2018 Apr 23. doi: 10.1007/s12035-018-1040-x. [Epub ahead of print] PubMed PMID: 29687345.
- 16: Guzman R, Janowski M, Walczak P. Intra-Arterial Delivery of Cell Therapies for Stroke. *Stroke.* 2018 May;49(5):1075-1082. doi: 10.1161/STROKEAHA.117.018288. Epub 2018 Apr 18. Review. PubMed PMID: 29669876; PubMed Central PMCID: PMC6027638.
- 17: Oliveira JM, Carvalho L, Silva-Correia J, Vieira S, Majchrzak M, Lukomska B, Stanaszek L, Strymecka P, Malysz-Cymborska I, Golubczyk D, Kalkowski L, Reis RL, Janowski M, Walczak P. Hydrogel-based scaffolds to support intrathecal stem cell transplantation as a gateway to the spinal cord: clinical

needs, biomaterials, and imaging technologies. *NPJ Regen Med.* 2018 Apr;4(3):8. doi: 10.1038/s41536-018-0046-3. eCollection 2018. Review. PubMed PMID: 29644098; PubMed Central PMCID: PMC5884770.

18: Huang H, Young W, Chen L, Feng S, Zoubi ZMA, Sharma HS, Saberi H, Moviglia GA, He X, Muresanu DF, Sharma A, Otom A, Andrews RJ, Al-Zoubi A, Bryukhovetskiy AS, Chernykh ER, Domańska-Janik K, Jafar E, Johnson WE, Li Y, Li D, Luan Z, Mao G, Shetty AK, Siniscalco D, Skaper S, Sun T, Wang Y, Wiklund L, Xue Q, You SW, Zheng Z, Dimitrijevic MR, Masri WSE, Sanberg PR, Xu Q, Luan G, Chopp M, Cho KS, Zhou XF, Wu P, Liu K, Mobasher H, Ohtori S, Tanaka H, Han F, Feng Y, Zhang S, Lu Y, Zhang Z, Rao Y, Tang Z, Xi H, Wu L, Shen S, Xue M, Xiang G, Guo X, Yang X, Hao Y, Hu Y, Li J, Ao Q, Wang B, Zhang Z, Lu M, Li T. Clinical Cell Therapy Guidelines for Neurorestoration (IANR/CANR 2017). *Cell Transplant.* 2018 Feb;27(2):310-324. doi: 10.1177/0963689717746999. PubMed PMID: 29637817; PubMed Central PMCID: PMC5898693.

19: Uryga A, Kasprowicz M, Calviello L, Diehl RR, Kaczmarśka K, Czosnyka M. Assessment of cerebral hemodynamic parameters using pulsatile versus non-pulsatile cerebral blood outflow models. *J Clin Monit Comput.* 2019 Feb;33(1):85-94. doi: 10.1007/s10877-018-0136-1. Epub 2018 Apr 4. PubMed PMID: 29619647.

20: Aleksandrowicz M, Kozniewska E. Effect of vasopressin-induced chronic hyponatremia on the regulation of the middle cerebral artery of the rat. *Pflugers Arch.* 2018 Jul;470(7):1047-1054. doi: 10.1007/s00424-018-2141-0. Epub 2018 Mar 17. PubMed PMID: 29550928; PubMed Central PMCID: PMC6013523.

21: Kaczmarśka K, Kasprowicz M, Grzanka A, Zabółotny W, Smielewski P, Lalou DA, Varsos G, Czosnyka M, Czosnyka Z. Critical Closing Pressure During a Controlled Increase in Intracranial Pressure. *Acta Neurochir Suppl.* 2018;126:133-137. doi: 10.1007/978-3-319-65798-1_28. PubMed PMID: 29492548.

22: Motyl J, Przykaza Ł, Boguszewski PM, Kosson P, Strosznajder JB. Pramipexole and Fingolimod exert neuroprotection in a mouse model of Parkinson's disease by activation of sphingosine kinase 1 and Akt kinase. *Neuropharmacology.* 2018 Jun;135:139-150. doi: 10.1016/j.neuropharm.2018.02.023. Epub 2018 Feb 23. PubMed PMID: 29481916.

23: Domin H, Przykaza Ł, Kozniewska E, Boguszewski PM, Śmiałowska M. Neuroprotective effect of the group III mGlu receptor agonist ACPT-I after ischemic stroke in rats with essential hypertension. *Prog Neuropsychopharmacol Biol Psychiatry.* 2018 Jun 8;84(Pt A):93-101. doi: 10.1016/j.pnpbp.2018.02.006. Epub 2018 Feb 10. PubMed PMID: 29438731.

24: Pastuszak Ż, Piusińska-Macoch R, Stępień A, Czernicki Z. Repetitive transcranial magnetic stimulation in treatment of post polio syndrome. *Neurol Neurochir Pol.* 2018 Mar;52(2):281-284. doi: 10.1016/j.pjnns.2017.10.013. Epub 2017 Nov 5. PubMed PMID: 29279133.

25: Srivastava RK, Bulte JWM, Walczak P, Janowski M. Migratory potential of transplanted glial progenitors as critical factor for successful translation of glia replacement therapy: The gap between mice and men. *Glia.* 2018 May;66(5):907-919. doi: 10.1002/glia.23275. Epub 2017 Dec 20. Review. PubMed PMID: 29266673; PubMed Central PMCID: PMC5851824.

26: Grajkowska W, Matyja E, Kunicki J, Szymanska S, Marx A, Weis CA, Langfort R, Szolkowska M. AB thymoma with atypical type A component with delayed multiple lung and brain metastases. *J Thorac Dis.* 2017 Sep;9(9):E808-E814. doi: 10.21037/jtd.2017.07.95. PubMed PMID: 29221349; PubMed Central PMCID: PMC5708497.

- 27: Pastuszak Ż, Koźniewska E, Stępień A, Piusińska-Macoch A, Czernicki Z, Koszewski W. Importance rating of risk factors of ischemic stroke in patients over 85 years old in the polish population. *Neurol Neurochir Pol.* 2018 Jan - Feb;52(1):88-93. doi: 10.1016/j.pjnns.2017.11.007. Epub 2017 Nov 16. Review. PubMed PMID: 29196059.
- 28: Czapski GA, Cieślik M, Wencel PL, Wójtowicz S, Strosznajder RP, Strosznajder JB. Inhibition of poly(ADP-ribose) polymerase-1 alters expression of mitochondria-related genes in PC12 cells: relevance to mitochondrial homeostasis in neurodegenerative disorders. *Biochim Biophys Acta Mol Cell Res.* 2018 Feb;1865(2):281-288. doi: 10.1016/j.bbamcr.2017.11.003. Epub 2017 Nov 8. PubMed PMID: 29128369.
- 29: Sajja VSSS, Jablonska A, Haughey N, Bulte JWM, Stevens RD, Long JB, Walczak P, Janowski M. Sphingolipids and microRNA Changes in Blood following Blast Traumatic Brain Injury: An Exploratory Study. *J Neurotrauma.* 2018 Jan 15;35(2):353-361. doi: 10.1089/neu.2017.5009. Epub 2017 Nov 17. PubMed PMID: 29020847.
- 30: Semenkow S, Li S, Kahlert UD, Raabe EH, Xu J, Arnold A, Janowski M, Oh BC, Brandacher G, Bulte JWM, Eberhart CG, Walczak P. An immunocompetent mouse model of human glioblastoma. *Oncotarget.* 2017 May 15;8(37):61072-61082. doi: 10.18632/oncotarget.17851. eCollection 2017 Sep 22. PubMed PMID: 28977847; PubMed Central PMCID: PMC5617407.
- 31: Pastuszak Ż, Stępień A, Tomczykiewicz K, Piusińska-Macoch R, Kordowska J, Galbarczyk D, Świdak J. Limbic encephalitis - a report of four cases. *Cent Eur J Immunol.* 2017;42(2):213-217. doi: 10.5114/ceji.2017.69365. Epub 2017 Aug 8. PubMed PMID: 28860940; PubMed Central PMCID: PMC5573896.
- 32: Czerwosz L, Szczepk E, Nowiński K, Sokołowska B, Jurkiewicz J, Czernicki Z, Koszewski W. Discriminant Analysis of Intracranial Volumetric Variables in Patients with Normal Pressure Hydrocephalus and Brain Atrophy. *Adv Exp Med Biol.* 2018;1039:83-94. doi: 10.1007/5584_2017_75. PubMed PMID: 28766174.
- 33: Dąbrowski P, Jurkiewicz J, Czernicki Z, Koszewski W, Jasielski P. Polymerase chain reaction based detection of bacterial 16S rRNA gene in the cerebrospinal fluid in the diagnosis of bacterial central nervous system infection in the course of external cerebrospinal fluid drainage. Comparison with standard diagnostics currently used in clinical practice. *Neurol Neurochir Pol.* 2017 Sep - Oct;51(5):388-394. doi: 10.1016/j.pjnns.2017.06.013. Epub 2017 Jul 15. PubMed PMID: 28743387.
- 34: Wencel PL, Lukiw WJ, Strosznajder JB, Strosznajder RP. Inhibition of Poly(ADP-ribose) Polymerase-1 Enhances Gene Expression of Selected Sirtuins and APP Cleaving Enzymes in Amyloid Beta Cytotoxicity. *Mol Neurobiol.* 2018 Jun;55(6):4612-4623. doi: 10.1007/s12035-017-0646-8. Epub 2017 Jul 12. PubMed PMID: 28698968; PubMed Central PMCID: PMC5948241.
- 35: Głowacki M, Walecki J, Kołakowski P, Kolońska D. Importance of Radiological Evaluation of Global Spinal Balance Together with Lower Limb Alignment in Planning Lumbar Spine Deformity Surgery - Illustrative Case Presentation. *Pol J Radiol.* 2017 May 28;82:287-292. doi: 10.12659/PJR.899975. eCollection 2017. PubMed PMID: 28638492; PubMed Central PMCID: PMC5459268.
- 36: Majewska E, Rola R, Barczewska M, Marquez J, Albrecht J, Szeliga M. Transcription factor GATA3 expression is induced by GLS2 overexpression in a glioblastoma cell line but is GLS2-independent in patient-derived glioblastoma. *J Physiol Pharmacol.* 2017 Apr;68(2):209-214. PubMed PMID: 28614770.
- 37: Godlewski J, Ferrer-Luna R, Rooj AK, Mineo M, Ricklefs F, Takeda YS, Nowicki MO, Salińska E, Nakano I, Lee H, Weissleder R, Beroukhim R, Chiocca EA, Bronisz A. MicroRNA Signatures and

Molecular Subtypes of Glioblastoma: The Role of Extracellular Transfer. *Stem Cell Reports.* 2017 Jun 6;8(6):1497-1505. doi: 10.1016/j.stemcr.2017.04.024. Epub 2017 May 18. PubMed PMID: 28528698; PubMed Central PMCID: PMC5470095.

38: Nowakowski A, Andrzejewska A, Boltze J, Nitzsche F, Cui LL, Jolkonen J, Walczak P, Lukomska B, Janowski M. Translation, but not transfection limits clinically relevant, exogenous mRNA based induction of alpha-4 integrin expression on human mesenchymal stem cells. *Sci Rep.* 2017 Apr 24;7(1):1103. doi: 10.1038/s41598-017-01304-3. PubMed PMID: 28439079; PubMed Central PMCID: PMC5430815.

39: Berger NA, Besson VC, Boulares AH, Bürkle A, Chiarugi A, Clark RS, Curtin NJ, Cuzzocrea S, Dawson TM, Dawson VL, Haskó G, Liaudet L, Moroni F, Pacher P, Radermacher P, Salzman AL, Snyder SH, Soriano FG, Strosznajder RP, Sümegi B, Swanson RA, Szabo C. Opportunities for the repurposing of PARP inhibitors for the therapy of non-oncological diseases. *Br J Pharmacol.* 2018 Jan;175(2):192-222. doi: 10.1111/bph.13748. Epub 2017 Mar 26. Review. PubMed PMID: 28213892; PubMed Central PMCID: PMC5758399.

40: Lyczek A, Arnold A, Zhang J, Campanelli JT, Janowski M, Bulte JW, Walczak P. Transplanted human glial-restricted progenitors can rescue the survival of dysmyelinated mice independent of the production of mature, compact myelin. *Exp Neurol.* 2017 May;291:74-86. doi: 10.1016/j.expneurol.2017.02.005. Epub 2017 Feb 2. PubMed PMID: 28163160; PubMed Central PMCID: PMC5397299.

41: Sandvig I, Gadjanski I, Vlaski-Lafarge M, Buzanska L, Loncaric D, Sarnowska A, Rodriguez L, Sandvig A, Ivanovic Z. Strategies to Enhance Implantation and Survival of Stem Cells After Their Injection in Ischemic Neural Tissue. *Stem Cells Dev.* 2017 Apr 15;26(8):554-565. doi: 10.1089/scd.2016.0268. Epub 2017 Jan 18. Review. PubMed PMID: 28103744.

42: Qin H, Janowski M, Pearl MS, Malysz-Cymborska I, Li S, Eberhart CG, Walczak P. Rabbit Model of Human Gliomas: Implications for Intra-Arterial Drug Delivery. *PLoS One.* 2017 Jan 19;12(1):e0169656. doi: 10.1371/journal.pone.0169656. eCollection 2017. PubMed PMID: 28103265; PubMed Central PMCID: PMC5245890.

43: Aleksandrowicz M, Dworakowska B, Dolowy K, Kozniewska E. Restoration of the response of the middle cerebral artery of the rat to acidosis in hyposmotic hyponatremia by the opener of large-conductance calcium sensitive potassium channels (BK(Ca)). *J Cereb Blood Flow Metab.* 2017 Sep;37(9):3219-3230. doi: 10.1177/0271678×16685575. Epub 2017 Jan 6. PubMed PMID: 28058990; PubMed Central PMCID: PMC5584697.

44: Domin H, Przykaza Ł, Jantas D, Kozniewska E, Boguszewski PM, Śmiałowska M. Neuropeptide Y Y2 and Y5 receptors as promising targets for neuroprotection in primary neurons exposed to oxygen-glucose deprivation and in transient focal cerebral ischemia in rats. *Neuroscience.* 2017 Mar 6;344:305-325. doi: 10.1016/j.neuroscience.2016.12.040. Epub 2017 Jan 3. PubMed PMID: 28057538.

45: Motyl J, Wencel PL, Cieślik M, Strosznajder RP, Strosznajder JB. Alpha-synuclein alters differently gene expression of Sirts, PARPs and other stress response proteins: implications for neurodegenerative disorders. *Mol Neurobiol.* 2018 Jan;55(1):727-740. doi: 10.1007/s12035-016-0317-1. Epub 2017 Jan 3. PubMed PMID: 28050792; PubMed Central PMCID: PMC5808059.

46: Jęśko H, Wencel P, Strosznajder RP, Strosznajder JB. Sirtuins and Their Roles in Brain Aging and Neurodegenerative Disorders. *Neurochem Res.* 2017 Mar;42(3):876-890. doi:

- 10.1007/s11064-016-2110-y. Epub 2016 Nov 24. Review. PubMed PMID: 27882448; PubMed Central PMCID: PMC5357501.
- 47: Markopoulou K, Chase BA, Robowski P, Strongosky A, Narożajska E, Sitek EJ, Berdynski M, Barcikowska M, Baker MC, Rademakers R, Sławek J, Klein C, Hückelheim K, Kasten M, Wszolek ZK. Assessment of Olfactory Function in MAPT-Associated Neurodegenerative Disease Reveals Odor-Identification Irreproducibility as a Non-Disease-Specific, General Characteristic of Olfactory Dysfunction. *PLoS One*. 2016 Nov 17;11(11):e0165112. doi: 10.1371/journal.pone.0165112. eCollection 2016. PubMed PMID: 27855167; PubMed Central PMCID: PMC5113898.
- 48: Bujko M, Machnicki MM, Grecka E, Rusetska N, Matyja E, Kober P, Mandat T, Rydzanicz M, Płoski R, Krajewski R, Bonicki W, Stokłosa T, Siedlecki JA. Mutational Analysis of Recurrent Meningioma Progressing From Atypical to Rhabdoid Subtype. *World Neurosurg*. 2017 Jan;97:754.e1-754.e6. doi: 10.1016/j.wneu.2016.10.047. Epub 2016 Oct 15. PubMed PMID: 27756662.
- 49: Walczak P, Wojtkiewicz J, Nowakowski A, Habich A, Holak P, Xu J, Adamiak Z, Chehade M, Pearl MS, Gailloud P, Lukomska B, Maksymowicz W, Bulte JW, Janowski M. Real-time MRI for precise and predictable intra-arterial stem cell delivery to the central nervous system. *J Cereb Blood Flow Metab*. 2017 Jul;37(7):2346-2358. doi: 10.1177/0271678X16665853. Epub 2016 Jan 1. PubMed PMID: 27618834; PubMed Central PMCID: PMC5531335.
- 50: Bujko M, Kober P, Rusetska N, Wakuła M, Goryca K, Grecka E, Matyja E, Neska J, Mandat T, Bonicki W, Siedlecki JA. Aberrant DNA methylation of alternative promoter of DLC1 isoform 1 in meningiomas. *J Neurooncol*. 2016 Dec;130(3):473-484. Epub 2016 Sep 10. PubMed PMID: 27614886; PubMed Central PMCID: PMC5118400.
- 51: Wojciechowski P, Szerega-Przestaszewska M, Lipkowski AW. Cardiorespiratory activity of C-terminal pentapeptide of substance P in anaesthetized rats. *Respir Physiol Neurobiol*. 2016 Nov;233:7-13. doi: 10.1016/j.resp.2016.07.006. Epub 2016 Jul 21. PubMed PMID: 27453558.
- 52: Ngen EJ, Bar-Shir A, Jablonska A, Liu G, Song X, Ansari R, Bulte JW, Janowski M, Pearl M, Walczak P, Gilad AA. Imaging the DNA Alkylator Melphalan by CEST MRI: An Advanced Approach to Theranostics. *Mol Pharm*. 2016 Sep 6;13(9):3043-53. doi: 10.1021/acs.molpharmaceut.6b00130. Epub 2016 Jul 26. PubMed PMID: 27398883.
- 53: Zakrzewska M, Fendler W, Zakrzewski K, Sikorska B, Grajkowska W, Dembowska-Bagińska B, Filipek I, Stefańczyk Ł, Liberski PP. Altered MicroRNA Expression Is Associated with Tumor Grade, Molecular Background and Outcome in Childhood Infratentorial Ependymoma. *PLoS One*. 2016 Jul 8;11(7):e0158464. doi: 10.1371/journal.pone.0158464. eCollection 2016. PubMed PMID: 27390862; PubMed Central PMCID: PMC4938415.
- 54: Lovas J, Fereshtehnejad SM, Cermakova P, Lundberg C, Johansson B, Johansson K, Winblad B, Eriksdotter M, Religa D. Assessment and Reporting of Driving Fitness in Patients with Dementia in Clinical Practice: Data from SveDem, the Swedish Dementia Registry. *J Alzheimers Dis*. 2016 May 5;53(2):631-8. doi: 10.3233/JAD-160254. PubMed PMID: 27163829; PubMed Central PMCID: PMC4969696.
- 55: Nowak MM, Fersten E, Głowacki M. Executive functioning pattern as a prognostic indicator for shunt implantation surgery in patients with normal pressure hydrocephalus - A preliminary report. *Neurol Neurochir Pol*. 2016;50(2):98-100. doi: 10.1016/j.jpnns.2016.01.003. Epub 2016 Jan 15. PubMed PMID: 26969565.
- 56: 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, Brosseron 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. PubMed PMID: 26967210.

57: 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, Airoldi 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, Baumgartner 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, Berkout B, Berliocchi L, Bernard A, Bernard M, Bernassola F, Bertolotti A, Bess AS, Besteiro S, Bettuzzi S, Bhalla S, Bhattacharyya S, Bhutia SK, Biagusch 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, Bouchebareilh 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, Bütkofer 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 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, Cuevza JM, Cui T, Cutillas PR, Czaja MJ, Czyzyk-Krzeska MF, Dagda RK, Dahmen U, Dai C, Dai W, Dai Y, Dalby KN, Dalla Valle L, Dalmasso G, D'Amelio M, Damme M, Darfeuille-Michaud A, Dargemont C, Darley-Usmar VM, Dasarathy S, Dasgupta B, Dash S, Dass CR, Davey HM, Davids LM, Dávila D, Davis RJ, Dawson TM, Dawson VL, Daza P, de Belleroche 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, Duchen 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, Eskelinne 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 Véscovi 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, Giannarioli 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, Höglinder GU, Höfeld 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, Kaminskyy 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, Knævelsrød 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, Kovacs WJ, Koya D, Kraft C, Krainc D, Kramer H, Kravic-Stevovic T, Krek W, Kretz-Remy C, Krick R, Krishnamurthy M, Kriston-Vizi J, Kroemer G, Kruer MC, Kruger R, Ktistakis NT, Kuchitsu K, Kuhn C, Kumar AP, Kumar A, Kumar A, Kumar D, Kumar D, Kumar R, Kumar S, Kundu M, Kung HJ, Kuno A, Kuo SH, Kuret J, Kurz T, Kwok T, Kwon TK, Kwon YT, Kyrmizi I, La Spada AR, Lafont F, Lahm T, Lakkaraju A, Lam T, Lamark T, Lancel S, Landowski TH, Lane DJ, Lane JD, Lanzi C, Lapaquette P, Lapierre LR, Laporte J, Laukkarinen 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, Ljubicic M, Lodhi IJ, Logue SE, Lokeshwar BL, Long YC, Lonial S, Loos B, López-Otín C, López-Vicario C, Lorente M, Lorenzi PL, Lörincz 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, Maiiese K, Maiti TK, Maiuri L, Maiuri MC, Maki CG, Malli R, Maloyan A, Mami-Chouaib F, Man N, Mancias JD, Mandelkow EM, Mandell MA, Manfredi AA, Manié SN, Manzoni C, Mao K, Mao Z, Mao

ZW, Marambaud P, Marconi AM, Marelja Z, Marfe G, Margeta M, Margittai E, Mari M, Mariani FV, Marin C, Marinelli S, Mariño G, Markovic I, Marquez R, Martelli AM, Martens S, Martin KR, Martin SJ, Martin S, Martin-Acebes MA, Martín-Sanz P, Martinand-Mari C, Martinet W, Martinez J, Martinez-Lopez N, Martinez-Outschoorn U, Martínez-Velázquez M, Martinez-Vicente M, Martins WK, Mashima H, Mastrianni JA, Matarese G, Matarrese P, Mateo R, Matoba S, Matsumoto N, Matsushita T, Matsuura A, Matsuzawa T, Mattson MP, Matus S, Maugeri N, Mauvezin C, Mayer A, Maysinger D, Mazzolini GD, McBrayer MK, McCall K, McCormick C, McInerney GM, McIver SC, McKenna S, McMahon JJ, McNeish IA, Mechta-Grigoriou F, Medema JP, Medina DL, Megyeri K, Mehrpour M, Mehta JL, Mei Y, Meier UC, Meijer AJ, Meléndez A, Melino G, Melino S, de Melo EJ, Mena MA, Meneghini MD, Menendez JA, Menezes R, Meng L, Meng LH, Meng S, Menghini R, Menko AS, Menna-Barreto RF, Menon MB, Meraz-Ríos MA, Merla G, Merlini L, Merlot AM, Meryk A, Meschini S, Meyer JN, Mi MT, Miao CY, Micale L, Michaeli S, Michiels C, Migliaccio AR, Mihailidou AS, Mijaljica D, Mikoshiba K, Milan E, Miller-Fleming L, Mills GB, Mills IG, Minakaki G, Minassian BA, Ming XF, Minibayeva F, Minina EA, Mintern JD, Minucci S, Miranda-Vizuete A, Mitchell CH, Miyamoto S, Miyazawa K, Mizushima N, Mnich K, Mograbi B, Mohseni S, Moita LF, Molinari M, Molinari M, Møller AB, Mollereau B, Mollinedo F, Mongillo M, Monick MM, Montagnaro S, Montell C, Moore DJ, Moore MN, Mora-Rodriguez R, Moreira PI, Morel E, Morelli MB, Moreno S, Morgan MJ, Moris A, Moriyasu Y, Morrison JL, Morrison LA, Morselli E, Moscat J, Moseley PL, Mostowy S, Motori E, Mottet D, Mottram JC, Moussa CE, Mpakou VE, Mukhtar H, Mulcahy Levy JM, Muller S, Muñoz-Moreno R, Muñoz-Pinedo C, Münz C, Murphy ME, Murray JT, Murthy A, Mysorekar IU, Nabi IR, Nabissi M, Nader GA, Nagahara Y, Nagai Y, Nagata K, Nagelkerke A, Nagy P, Naidu SR, Nair S, Nakano H, Nakatogawa H, Nanjundan M, Napolitano G, Naqvi NI, Nardacci R, Narendra DP, Narita M, Nascimbeni AC, Natarajan R, Navegantes LC, Nawrocki ST, Nazarko TY, Nazarko VY, Neill T, Neri LM, Netea MG, Netea-Maier RT, Neves BM, Ney PA, Nezis IP, Nguyen HT, Nguyen HP, Nicot AS, Nilsen H, Nilsson P, Nishimura M, Nishino I, Niso-Santano M, Niu H, Nixon RA, Njar VC, Noda T, Noegel AA, Nolte EM, Norberg E, Norga KK, Noureini SK, Notomi S, Notterpek L, Nowikovsky K, Nukina N, Nürnberg 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, Ordóñez 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, Ozbuln 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 JL, 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, Plataniás LC, Platta HW, Plowey ED, Pöggeler S, Poirot M, Polčík P, Poletti A, Poon AH, Popelka H, Popova B, Poprawa I, Poulose 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, Pugazhenthi S, Puglielli L, Pujol A, Puyal J, Pyeon D, Qi X, Qian WB, Qin ZH, Qiu Y, Qu Z, Quadrilatero J, Quinn F, Raben N, Rabinowich H, Radogna F, Ragusa MJ, Rahmani M, Raina K, Ramanadham S, Ramesh R, Rami A, Randall-Demllo S, Ransom 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, Scream RA, Screen M, Seca H, Sedej S, Segatori L, Segev N, Seglen PO, Seguí-Simarro JM, Segura-Aguilar J, Seki E, Sell C, Seiliez I, Semenkovich CF, Semenza GL, Sen U, Serra AL, Serrano-Puebla A, Sesaki H, Setoguchi T, Settembre C, Shacka JJ, Shahajan-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, Shibusawa 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-Poitot 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, Sotthibundhu A, Sousa MJ, Spaink HP, Span PN, Spang A, Sparks JD, Speck PG, Spector SA, Spies CD, Springer W, Clair DS, Stacchiotti A, Staels B, Stang MT, Starczynowski DT, Starokadomskyy P, Steegborn C, Steele JW, Stefanis L, Steffan J, Stellrecht CM, Stenmark H, Stepkowski TM, Stern ST, Stevens C, Stockwell BR, Stoka V, Storchova Z, Stork B, Stratoulias 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, Swärd 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, Thomas PG, Thorburn A, Thorner J, Thum T, Thumm M, Thurston TL, Tian L, Till A, Ting JP, Titorenko VI, Toker L, Toldo S, Tooze SA, Topisirovic I, Torgersen ML, Torosantucci L, Torriglia A, Torrisi MR, Tournier C, Towns R, Trajkovic V, Travassos LH, Triola G, Tripathi DN, Trisciuglio D, Troncoso R, Trougakos IP, Truttmann AC, Tsai KJ, Tschan MP, Tseng YH, Tsukuba T, Tsung A, Tsvetkov AS, Tu S, Tuan HY, Tucci M, Tumbarello DA, Turk B, Turk V, Turner RF, Tveita AA, Tyagi SC, Ubukata M, Uchiyama Y, Udelnow A, Ueno T, Umekawa M, Umemiya-Shirafuji R, Underwood BR, Ungermann C, Ureshino RP, Ushioda R, Uversky VN, Uzcátegui NL, Vaccari T, Vaccaro MI, Váchorová L, Vakifahmetoglu-Norberg H, Valdor R, Valente EM, Vallette F, Valverde AM, Van den Berghe G, Van Den Bosch L, van den Brink GR, van der Goot FG, van der Klei IJ, van der Laan LJ, van Doorn WG, van Egmond M, van Golen KL, Van Kaer L, van Lookeren Campagne M, Vandenberghe P, Vandenberghe W, Vanhorebeek I, Varela-Nieto I, Vasconcelos MH, Vasko R, Vavvas DG, Vega-Naredo I, Velasco G, Velentzas AD, Velentzas PD, Vellai T, Vellenga E, Vendelbo MH, Venkatachalam K, Ventura N, Ventura S, Veras PS, Verdier M, Vertessy BG, Viale A, Vidal M, Vieira HL, Vierstra RD, Vigneswaran N, Vij N, Vila M, Villar M, Villar VH, Villarroya J, Vindis C, Viola G, Visconti MT, Vitale G, Vogl DT, Voitsekhovskaja OV, von Haefen C, von

Schwarzenberg K, Voth DE, Vouret-Craviari V, Vuori K, Vyas JM, Waeber C, Walker CL, Walker MJ, Walter J, Wan L, Wan X, Wang B, Wang C, Wang CY, Wang C, Wang C, Wang C, Wang D, Wang F, Wang F, Wang G, Wang HJ, Wang H, Wang HG, Wang H, Wang HD, Wang J, Wang J, Wang M, Wang MQ, Wang PY, Wang P, Wang RC, Wang S, Wang TF, Wang X, Wang XJ, Wang XW, Wang X, Wang X, Wang Y, Wang Y, Wang Y, Wang YJ, Wang Y, Wang YT, Wang Y, Wang ZN, Wappner P, Ward C, Ward DM, Warnes G, Watada H, Watanabe Y, Watase K, Weaver TE, Weekes CD, Wei J, Weide T, Weihl CC, Weindl G, Weis SN, Wen L, Wen X, Wen Y, Westermann B, Weyand CM, White AR, White E, Whitton JL, Whitworth AJ, Wiels J, Wild F, Wildenberg ME, Wileman T, Wilkinson DS, Wilkinson S, Willbold D, Williams C, Williams K, Williamson PR, Winklhofer KF, Witkin SS, Wohlgemuth SE, Wollert T, Wolvetang EJ, Wong E, Wong GW, Wong RW, Wong VK, Woodcock EA, Wright KL, Wu C, Wu D, Wu GS, Wu J, Wu J, Wu M, Wu M, Wu S, Wu WK, Wu Y, Wu Z, Xavier CP, Xavier RJ, Xia GX, Xia T, Xia W, Xia Y, Xiao H, Xiao J, Xiao S, Xiao W, Xie CM, Xie Z, Xie Z, Xilouri M, Xiong Y, Xu C, Xu C, Xu F, Xu H, Xu H, Xu J, Xu J, Xu L, Xu X, Xu Y, Xu Y, Xu ZX, Xu Z, Xue Y, Yamada T, Yamamoto A, Yamanaka K, Yamashina S, Yamashiro S, Yan B, Yan B, Yan X, Yan Z, Yanagi Y, Yang DS, Yang JM, Yang L, Yang M, Yang PM, Yang P, Yang Q, Yang W, Yang WY, Yang X, Yang Y, Yang Y, Yang Z, Yang Z, Yao MC, Yao PJ, Yao X, Yao Z, Yao Z, Yasui LS, Ye M, Yedvobnick B, Yeganeh B, Yeh ES, Yeyati PL, Yi F, Yi L, Yin XM, Yip CK, Yoo YM, Yoo YH, Yoon SY, Yoshida K, Yoshimori T, Young KH, Yu H, Yu JJ, Yu JT, Yu J, Yu L, Yu WH, Yu XF, Yu Z, Yuan J, Yuan ZM, Yue BY, Yue J, Yue Z, Zacks DN, Zacksenhaus E, Zaffaroni N, Zaglia T, Zakeri Z, Zecchini V, Zeng J, Zeng M, Zeng Q, Zervos AS, Zhang DD, Zhang F, Zhang G, Zhang GC, Zhang H, Zhang H, Zhang H, Zhang J, Zhang J, Zhang J, Zhang J, Zhang JP, Zhang L, Zhang L, Zhang L, Zhang L, Zhang MY, Zhang X, Zhang XD, Zhang Y, Zhang Y, Zhang Y, Zhang Y, Zhang Y, Zhao M, Zhao WL, Zhao X, Zhao YG, Zhao Y, Zhao Y, Zhao YX, Zhao Z, Zhao ZJ, Zheng D, Zheng XL, Zheng X, Zhivotovsky B, Zhong Q, Zhou GZ, Zhou G, Zhou H, Zhou SF, Zhou XJ, Zhu H, Zhu H, Zhu WG, Zhu W, Zhu XF, Zhu Y, Zhuang SM, Zhuang X, Ziparo E, Zois CE, Zoladek T, Zong WX, Zorzano A, Zughaiher SM. Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy. 2016;12(1):1-222. doi: 10.1080/15548627.2015.1100356. Erratum in: Autophagy. 2016;12(2):443. Selliez, Iban [corrected to Seiliez, Iban]. PubMed PMID: 26799652; PubMed Central PMCID: PMC4835977.

58: Czapski GA, Czubowicz K, Strosznajder JB, Strosznajder RP. The Lipoxygenases: Their Regulation and Implication in Alzheimer's Disease. Neurochem Res. 2016 Feb;41(1-2):243-57. doi: 10.1007/s11064-015-1776-x. Epub 2015 Dec 16. PubMed PMID: 26677076; PubMed Central PMCID: PMC4773476.

59: Janowski M, Walczak P, Pearl MS. Predicting and optimizing the territory of blood-brain barrier opening by superselective intra-arterial cerebral infusion under dynamic susceptibility contrast MRI guidance. J Cereb Blood Flow Metab. 2016 Mar;36(3):569-75. doi: 10.1177/0271678×15615875. Epub 2015 Nov 5. PubMed PMID: 26661231; PubMed Central PMCID: PMC4794102.

60: Domin H, Przykaza Ł, Jantas D, Kozniewska E, Boguszewski PM, Śmiałowska M. Neuroprotective potential of the group III mGlu receptor agonist ACPT-I in animal models of ischemic stroke: In vitro and in vivo studies. Neuropharmacology. 2016 Mar;102:276-94. doi: 10.1016/j.neuropharm.2015.11.025. Epub 2015 Dec 2. PubMed PMID: 26647070.

61: Reijs 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. eCollection 2015. PubMed PMID: 26528237; PubMed Central PMCID: PMC4606063.

- 62: Andrzejewska A, Nowakowski A, Janowski M, Bulte JW, Gilad AA, Walczak P, Lukomska B. Pre- and postmortem imaging of transplanted cells. *Int J Nanomedicine*. 2015 Sep 2;10:5543-59. doi: 10.2147/IJN.S83557. eCollection 2015. Review. PubMed PMID: 26366076; PubMed Central PMCID: PMC4562754.
- 63: Kaczyńska K, Szereda-Przestaszewska M. Contribution of CCK1 receptors to cardiovascular and respiratory effects of cholecystokinin in anesthetized rats. *Neuropeptides*. 2015 Dec;54:29-34. doi: 10.1016/j.npep.2015.08.006. Epub 2015 Aug 19. PubMed PMID: 26342277.
- 64: Szeliga M, Bogacińska-Karaś M, Kuźmicz K, Rola R, Albrecht J. Downregulation of GLS2 in glioblastoma cells is related to DNA hypermethylation but not to the p53 status. *Mol Carcinog*. 2016 Sep;55(9):1309-16. doi: 10.1002/mc.22372. Epub 2015 Aug 10. PubMed PMID: 26258493.
- 65: Muhammad G, Jablonska A, Rose L, Walczak P, Janowski M. Effect of MRI tags: SPIO nanoparticles and 19F nanoemulsion on various populations of mouse mesenchymal stem cells. *Acta Neurobiol Exp (Wars)*. 2015;75(2):144-59. PubMed PMID: 26232992; PubMed Central PMCID: PMC4889457.
- 66: Sobstyl M, Zabek M, Zaczynski A, Gorecki W, Mossakowski Z, Brzuszkiewicz-Kuzmicka G. Unilateral Subthalamic Nucleus Stimulation in the Treatment of Asymmetric Parkinson's Disease with Early Motor Complications. *Turk Neurosurg*. 2017;27(2):294-300. doi: 10.5137/1019-5149.JTN.14894-15.0. PubMed PMID: 27593744.
- 67: Janowski M, Wagner DC, Boltze J. Stem Cell-Based Tissue Replacement After Stroke: Factual Necessity or Notorious Fiction? *Stroke*. 2015 Aug;46(8):2354-63. doi: 10.1161/STROKES.114.007803. Epub 2015 Jun 23. Review. PubMed PMID: 26106118; PubMed Central PMCID: PMC4519410.
- 68: Gornicka-Pawlak E, Janowski M, Jablonska A, Sypecka J, Domanska-Janik K. Complex assessment of distinct cognitive impairments following ouabain injection into the rat dorsolateral striatum. *Behav Brain Res*. 2015 Aug 1;289:133-40. doi: 10.1016/j.bbr.2015.03.061. Epub 2015 Apr 3. PubMed PMID: 25845737.
- 69: Janowski M, Bulte JW, Handa JT, Rini D, Walczak P. Concise Review: Using Stem Cells to Prevent the Progression of Myopia-A Concept. *Stem Cells*. 2015 Jul;33(7):2104-13. doi: 10.1002/stem.1984. Epub 2015 May 12. Review. PubMed PMID: 25752937; PubMed Central PMCID: PMC4878684.
- 70: Drapala A, Aleksandrowicz M, Zera T, Sikora M, Skrzypecki J, Kozniewska E, Ufnal M. The effect of simvastatin and pravastatin on arterial blood pressure, baroreflex, vasoconstrictor, and hypertensive effects of angiotensin II in Sprague-Dawley rats. *J Am Soc Hypertens*. 2014 Dec;8(12):863-71. doi: 10.1016/j.jash.2014.09.008. Epub 2014 Sep 18. PubMed PMID: 25492829.
- 71: Cottenie E, Kochanski A, Jordanova A, Bansagi B, Zimon M, Horga A, Jaunmuktane Z, Saveri P, Rasic VM, Baets J, Bartsakoula M, Ploski R, Teterycz P, Nikolic M, Quinlivan R, Laura M, Sweeney MG, Taroni F, Lunn MP, Moroni I, Gonzalez M, Hanna MG, Bettencourt C, Chabrol E, Franke A, von Au K, Schilhabel M, Kabzińska D, Hausmanowa-Petrusewicz I, Brandner S, Lim SC, Song H, Choi BO, Horvath R, Chung KW, Zuchner S, Pareyson D, Harms M, Reilly MM, Houlden H. Truncating and missense mutations in IGHMBP2 cause Charcot-Marie Tooth disease type 2. *Am J Hum Genet*. 2014 Nov 6;95(5):590-601. doi: 10.1016/j.ajhg.2014.10.002. Epub 2014 Oct 30. PubMed PMID: 25439726; PubMed Central PMCID: PMC4225647.
- 72: Sobstyl M, Kmiec T, Zabek M, Szczęska K, Mossakowski Z. Long-term outcomes of bilateral pallidal stimulation for primary generalised dystonia. *Clin Neurol Neurosurg*. 2014 Nov;126:82-7. doi: 10.1016/j.clineuro.2014.08.027. Epub 2014 Aug 30. PubMed PMID: 25215446.

- 73: Czubowicz K, Cieślik M, Pyszko J, Strosznajder JB, Strosznajder RP. Sphingosine-1-phosphate and its effect on glucose deprivation/glucose reload stress: from gene expression to neuronal survival. *Mol Neurobiol.* 2015;51(3):1300-8. doi: 10.1007/s12035-014-8807-5. Epub 2014 Jul 24. PubMed PMID: 25056275; PubMed Central PMCID: PMC4434862.
- 74: Sobstyl M, Ząbek M, Mossakowski Z, Zaczyński A. Pallidal deep brain stimulation in the treatment of [Meige syndrome](#). *Neurol Neurochir Pol.* 2014;48(3):196-9. doi: 10.1016/j.pjnns.2014.05.008. Epub 2014 Jun 6. PubMed PMID: 24981184.
- 75: Bujko M, Kober P, Tysarowski A, Matyja E, Mandat T, Bonicki W, Siedlecki JA. EGFR, PIK3CA, KRAS and BRAF mutations in meningiomas. *Oncol Lett.* 2014 Jun;7(6):2019-2022. Epub 2014 Apr 7. PubMed PMID: 24932282; PubMed Central PMCID: PMC4049666.
- 76: Janowski M, Walczak P, Kropiwnicki T, Jurkiewicz E, Domanska-Janik K, Bulte JW, Lukomska B, Roszkowski M. Long-term MRI cell tracking after intraventricular delivery in a patient with global cerebral ischemia and prospects for magnetic navigation of stem cells within the CSF. *PLoS One.* 2014 Jun 11;9(2):e97631. doi: 10.1371/journal.pone.0097631. eCollection 2014. PubMed PMID: 24919061; PubMed Central PMCID: PMC4053317.
- 77: Friedrich B, Michalik R, Oniszczuk A, Abubaker K, Kozniewska E, Plesnila N. CO₂ has no therapeutic effect on early microvasospasm after experimental subarachnoid hemorrhage. *J Cereb Blood Flow Metab.* 2014 Aug;34(8):e1-6. doi: 10.1038/jcbfm.2014.96. Epub 2014 May 28. PubMed PMID: 24865999; PubMed Central PMCID: PMC4126102.
- 78: Matyja E, Grajkowska W, Kunert P, Marchel A. A peculiar histopathological form of dysembryoplastic neuroepithelial tumor with separated pilocytic astrocytoma and rosette-forming glioneuronal tumor components. *Neuropathology.* 2014 Oct;34(5):491-8. doi: 10.1111/neup.12124. Epub 2014 Apr 16. PubMed PMID: 24735014.
- 79: Jesko H, Okada T, Strosznajder RP, Nakamura S. Sphingosine kinases modulate the secretion of amyloid β precursor protein from SH-SY5Y neuroblastoma cells: the role of α -synuclein. *Folia Neuropathol.* 2014;52(1):70-8. PubMed PMID: 24729344.
- 80: Sulejczak D, Andrychowski J, Kowalczyk T, Nakielski P, Frontczak-Baniewicz M, Kowalewski T. Electrospun nanofiber mat as a protector against the consequences of brain injury. *Folia Neuropathol.* 2014;52(1):56-69. PubMed PMID: 24729343.
- 81: Czubowicz K, Strosznajder R. Ceramide in the molecular mechanisms of neuronal cell death. The role of sphingosine-1-phosphate. *Mol Neurobiol.* 2014 Aug;50(1):26-37. doi: 10.1007/s12035-013-8606-4. Epub 2014 Jan 14. PubMed PMID: 24420784; PubMed Central PMCID: PMC4181317.
- 82: Aleksandrowicz M, Koźniewska E. Disturbed regulation of the isolated middle cerebral artery in acute hyponatremia. *Folia Neuropathol.* 2013;51(3):227-34. PubMed PMID: 24114640.
- 83: Walkowska A, Sadowski J, Kompanowska-Jezierska E. Oxidative stress and neuronal NOS activity: putative determinants of rapid blood pressure increase after renal denervation in anesthetized rats. *Physiol Res.* 2013;62(3):257-66. Epub 2013 Mar 14. PubMed PMID: 23489187.
- 84: Kaczyńska K, Szereda-Przestaszewska M. Cardio-respiratory effects of systemic neuropeptides injection are mediated through activation of neuropeptide NTS₁ receptors. *Eur J Pharmacol.* 2012 Sep 15;691(1-3):245-50. doi: 10.1016/j.ejphar.2012.07.020. Epub 2012 Jul 20. PubMed PMID: 22819705.

- 85: Andrychowski J, Jasielski P, Netczuk T, Czernicki Z. Empyema in spinal canal in thoracic region, abscesses in paravertebral space, spondylitis: in clinical course of zoonosis Erysipelothrix rhusiopathiae. *Eur Spine J.* 2012 Jun;21 Suppl 4:S557-63. doi: 10.1007/s00586-012-2289-9. Epub 2012 Apr 17. PubMed PMID: 22526696; PubMed Central PMCID: PMC3369048.
- 86: Frontczak-Baniewicz M, Chrapusta SJ, Sulejczak D. Long-term consequences of surgical brain injury - characteristics of the neurovascular unit and formation and demise of the glial scar in a rat model. *Folia Neuropathol.* 2011;49(3):204-18. Review. PubMed PMID: 22101954.
- 87: Kaczyńska K, Szereda-Przestaszewska M. Activation of neuropeptide Y(2) receptors exerts an excitatory action on cardio-respiratory variables in anaesthetized rats. *Neuropeptides.* 2011 Aug;45(4):281-6. doi: 10.1016/j.npep.2011.05.003. Epub 2011 Jun 11. PubMed PMID: 21658765.
- 88: Czubowicz K, Czapski GA, Cieślik M, Strosznajder RP. Lipoxygenase inhibitors protect brain cortex macromolecules against oxidation evoked by nitrosative stress. *Folia Neuropathol.* 2010;48(4):283-92. PubMed PMID: 21225511.
- 89: Kaczyńska K, Szereda-Przestaszewska M. NPY Y(1) receptors are involved in cardio-respiratory responses to intravenous injection of neuropeptide Y in anaesthetized rats. *Pharmacol Res.* 2010 Nov;62(5):444-9. doi: 10.1016/j.phrs.2010.06.006. Epub 2010 Jun 17. PubMed PMID: 20600918.
- 90: Strosznajder RP, Czubowicz K, Jesko H, Strosznajder JB. Poly(ADP-ribose) metabolism in brain and its role in ischemia pathology. *Mol Neurobiol.* 2010 Jun;41(2-3):187-96. doi: 10.1007/s12035-010-8124-6. Epub 2010 Apr 23. Review. PubMed PMID: 20411356.
- 91: Kaczyńska K, Szereda-Przestaszewska M. Depressive cardio-respiratory effects of somatostatin in anaesthetized rats. *Respir Physiol Neurobiol.* 2010 Mar 31;170(3):273-8. doi: 10.1016/j.resp.2010.01.008. Epub 2010 Jan 21. PubMed PMID: 20096382.
- 92: Andrychowski J, Taraszewska A, Czernicki Z, Jurkiewicz J, Netczuk T, Dabrowski P. Ten years observation and treatment of multifocal pilocytic astrocytoma. *Folia Neuropathol.* 2009;47(4):362-70. PubMed PMID: 20054789.
- 93: Jacewicz M, Czapski GA, Katkowska I, Strosznajder RP. Systemic administration of lipopolysaccharide impairs glutathione redox state and object recognition in male mice. The effect of PARP-1 inhibitor. *Folia Neuropathol.* 2009;47(4):321-8. PubMed PMID: 20054784.
- 94: Jozwiak S, Habich A, Kotulska K, Sarnowska A, Kropiwnicki T, Janowski M, Jurkiewicz E, Lukomska B, Kmiec T, Walecki J, Roszkowski M, Litwin M, Oldak T, Boruczkowski D, Domanska-Janik K. Intracerebroventricular Transplantation of Cord Blood-Derived Neural Progenitors in a Child With Severe Global Brain Ischemic Injury. *Cell Med.* 2010 Nov 2;1(2):71-80. doi: 10.3727/215517910x536618. eCollection 2010. PubMed PMID: 26966631; PubMed Central PMCID: PMC4776166.
- 95: Glowacki M, Budohoski K, Marszałek P, Walecki J, Czernicki Z. A non-invasive assessment of intracranial volume reserve by measuring cerebrospinal fluid volume with the aid of CT imaging. *Acta Neurochir Suppl.* 2010;106:199-202. doi: 10.1007/978-3-211-98811-4_37. PubMed PMID: 19812949.
- 96: Czernicki Z, Strzałkowski R, Walasek N, Gajkowska B. What can be found inside shunt catheters. *Acta Neurochir Suppl.* 2010;106:81-5. doi: 10.1007/978-3-211-98811-4_13. PubMed PMID: 19812925.
- 97: Andrychowski J, Czernicki Z, Netczuk T, Taraszewska A, Dabrowski P, Rakasz L, Budohoski K. Occipital neuralgia: possible failure of surgical treatment - case report. *Folia Neuropathol.*

2009;47(1):69-74. PubMed PMID: 19353436.

98: Kozniewska E, Romanik K. Vasopressin in vascular regulation and water homeostasis in the brain. *J Physiol Pharmacol.* 2008 Dec;59 Suppl 8:109-16. Review. PubMed PMID: 19258667.

99: Koźniewska E, Gadamski R, Klapczyńska K, Wojda R, Rafałowska J. Morphological changes in the brain during experimental hyponatraemia. Do vasopressin and gender matter? *Folia Neuropathol.* 2008;46(4):271-7. PubMed PMID: 19169968.

100: Kaczyńska K, Szereda-Przestaszewska M. Peripheral cardiorespiratory effects of bombesin in anaesthetized rats. *Eur J Pharmacol.* 2009 Jan 5;602(1):157-62. doi: 10.1016/j.ejphar.2008.11.016. Epub 2008 Nov 17. PubMed PMID: 19032952.

101: Sulejczak D, Grieb P, Walski M, Frontczak-Baniewicz M. Apoptotic death of cortical neurons following surgical brain injury. *Folia Neuropathol.* 2008;46(3):213-9. PubMed PMID: 18825597.

102: Taraszewska A, Matyja E, Koszewski W, Zaczynski A, Bardadin K, Czernicki Z. Asymptomatic and symptomatic glial cysts of the pineal gland. *Folia Neuropathol.* 2008;46(3):186-95. PubMed PMID: 18825594.

103: Koźniewska E, Michalik R, Rafałowska J, Gadamski R, Walski M, Frontczak-Baniewicz M, Piotrowski P, Czernicki Z. Mechanisms of vascular dysfunction after subarachnoid hemorrhage. *J Physiol Pharmacol.* 2006 Nov;57 Suppl 11:145-60. Review. PubMed PMID: 17244946.

From:

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



Permanent link:

<https://neurosurgerywiki.com/wiki/doku.php?id=warsaw>

Last update: **2024/06/07 02:56**