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Du L, Liu Q, Chen Q, Wang XQ, Fang S, Chen P, Chen J, Zhang ZJ, Liu Z, Yang BX, Guo Q, Luo D. When health care workers became patients with COVID-19: A qualitative study. *Int J Nurs Pract*. 2021 Dec 21:e13034. doi: 10.1111/ijn.13034. Epub ahead of print. PMID: 34935249.

Hu X, Zhu J, Zuo Y, et al. Versatile biomimetic [array](#) assembly by phase modulation of coherent acoustic waves [published online ahead of print, 2020 Sep 16]. *Lab Chip*. 2020;10.1039/d0lc00779j. doi:10.1039/d0lc00779j

Yu J, Zhang J, Chen J. The Significance to Determine Factors Related to Postoperative [Cerebral Infarction](#) in Patients with [Moyamoya Disease](#). *Cerebrovasc Dis*. 2020 Mar 23:1-2. doi: 10.1159/000506856. [Epub ahead of print] PubMed PMID: 32203952.

2: Yu J, Hu M, Chen J. Letter to “a rare case of pediatric moyamoya disease with reversible white matter lesions in a 3-year-old Chinese girl”. *Childs Nerv Syst*. 2020 Mar 21. doi: 10.1007/s00381-020-04582-x. [Epub ahead of print] PubMed PMID: 32200416.

3: Xin C, Xiong Z, Yan X, Zolfaghari S, Cai Y, Ma Z, Zhang T, Zhang J, Li Z, Liu K, Chen J. Endoscopic-assisted surgery versus microsurgery for pineal region tumors: a single-center retrospective study. *Neurosurg Rev*. 2020 Mar 20. doi: 10.1007/s10143-020-01283-6. [Epub ahead of print] PubMed PMID: 32198566.

4: Yu J, Du Q, Hu M, Zhang J, Chen J. Endothelial Progenitor Cells in Moyamoya Disease: Current Situation and Controversial Issues. *Cell Transplant*. 2020 Jan-Dec;29:963689720913259. doi: 10.1177/0963689720913259. PubMed PMID: 32193953.

5: Yu J, Hu M, Chen J. Letter to Quantitative Angiographic Hemodynamic Evaluation After Revascularization Surgery for Moyamoya Disease. *Transl Stroke Res*. 2020 Mar 14. doi: 10.1007/s12975-020-00803-2. [Epub ahead of print] PubMed PMID: 32172514.

6: Xiong Z, Chang L, Qu Y, Pu Y, Wang S, Fujita Y, Ishima T, Chen J, Hashimoto K. Neuronal brain injury after cerebral ischemic stroke is ameliorated after subsequent administration of (R)-ketamine, but not (S)-ketamine. *Pharmacol Biochem Behav*. 2020 Apr;191:172904. doi: 10.1016/j.pbb.2020.172904. Epub 2020 Mar 7. PubMed PMID: 32156500.

7: Yu J, Du Q, Chen J. Angiographic characteristics in Moyamoya disease with the p.R4810K variant: a propensity score-matched analysis. *Eur J Neurol*. 2020 Mar 3. doi: 10.1111/ene.14194. [Epub ahead of print] PubMed PMID: 32125061.

8: Xiao Y, Zhu Z, Li J, Yao J, Jiang H, Ran R, Li X, Li Z. Expression and prognostic value of long non-coding RNA H19 in glioma via integrated bioinformatics analyses. *Aging (Albany NY)*. 2020 Feb 20;12(4):3407-3430. doi: 10.18632/aging.102819. Epub 2020 Feb 20. PubMed PMID: 32081833; PubMed Central PMCID: PMC7066912.

9: Zhao YH, Gao H, Pan ZY, Li J, Huang WH, Wang ZF, Li ZQ. Prognostic Value of NT-proBNP After Ischemic Stroke: A Systematic Review and Meta-analysis of Prospective Cohort Studies. *J Stroke Cerebrovasc Dis*. 2020 Apr;29(4):104659. doi: 10.1016/j.jstrokecerebrovasdis.2020.104659. Epub 2020 Feb 14. PubMed PMID: 32067852.

10: Zhang B, Yang L, Zeng Z, Feng Y, Wang X, Wu X, Luo H, Zhang J, Zhang M, Pakvasa M, Wagstaff W, He F, Mao Y, Qin K, Ding H, Zhang Y, Niu C, Wu M, Zhao X, Wang H, Huang L, Shi D, Liu Q, Ni N, Fu K, Athiviraham A, Moriatis Wolf J, Lee MJ, Hynes K, Strelzow J, El Dafrawy M, Xia Y, He TC. Leptin Potentiates Bone Morphogenetic Protein 9-Induced Osteogenic Differentiation of Mesenchymal Stem Cells Through the Activation of JAK/STAT Signaling. *Stem Cells Dev*. 2020 Mar 9. doi: 10.1089/scd.2019.0292. [Epub ahead of print] PubMed PMID: 32041483.

11: Wang Z, Mascarenhas C, Jia X. Positron Emission Tomography After Ischemic Brain Injury: Current Challenges and Future Developments. *Transl Stroke Res*. 2020 Jan 14. doi: 10.1007/s12975-019-00765-0. [Epub ahead of print] Review. PubMed PMID: 31939060.

12: Zhang J, Li S, Fujimura M, Lau TY, Wu X, Hu M, Zheng H, Xu H, Zhao W, Li X, Chen J. Hemodynamic analysis of the recipient parasylvian cortical arteries for predicting postoperative hyperperfusion during STA-MCA bypass in adult patients with moyamoya disease. *J Neurosurg*. 2019 Dec 27;1-8. doi: 10.3171/2019.10.JNS191207. [Epub ahead of print] PubMed PMID: 31881540.

13: Zhang J, Lei JR, Yuan LL, Wen R, Yang J. Response gene to complement-32 promotes cell survival via the NF- κ B pathway in non-small-cell lung cancer. *Exp Ther Med*. 2020 Jan;19(1):107-114. doi: 10.3892/etm.2019.8177. Epub 2019 Nov 8. PubMed PMID: 31853279; PubMed Central PMCID: PMC6909658.

14: Liu X, Dai Q, Ye R, Zi W, Liu Y, Wang H, Zhu W, Ma M, Yin Q, Li M, Fan X, Sun W, Han Y, Lv Q, Liu R, Yang D, Shi Z, Zheng D, Deng X, Wan Y, Wang Z, Geng Y, Chen X, Zhou Z, Liao G, Jin P, Liu Y, Liu X, Zhang M, Zhou F, Shi H, Zhang Y, Guo F, Yin C, Niu G, Zhang M, Cai X, Zhu Q, Chen Z, Liang Y, Li B, Lin M, Wang W, Xu H, Fu X, Liu W, Tian X, Gong Z, Shi H, Wang C, Lv P, Tao Z, Zhu L, Yang S, Hu W, Jiang P, Liebeskind DS, Pereira VM, Leung T, Yan B, Davis S, Xu G, Nogueira RG; BEST Trial Investigators. Endovascular treatment versus standard medical treatment for vertebrobasilar artery occlusion (BEST): an open-label, randomised controlled trial. *Lancet Neurol*. 2020 Feb;19(2):115-122. doi: 10.1016/S1474-4422(19)30395-3. Epub 2019 Dec 9. PubMed PMID: 31831388.

15: Yu J, Zhang J, Li J, Zhang J, Chen J. Cerebral Hyperperfusion Syndrome After Revascularization Surgery in Patients with Moyamoya Disease: Systematic Review and Meta-Analysis. *World Neurosurg*. 2020 Mar;135:357-366.e4. doi: 10.1016/j.wneu.2019.11.065. Epub 2019 Nov 20. Review. PubMed PMID: 31759149.

16: Zhang Q, Qiao H, Wu D, Lu H, Liu L, Sang X, Li D, Zhou Y. Curcumin potentiates the galbanic acid-induced anti-tumor effect in non-small cell lung cancer cells through inhibiting Akt/mTOR signaling

pathway. *Life Sci.* 2019 Dec 15;239:117044. doi: 10.1016/j.lfs.2019.117044. Epub 2019 Nov 9. PubMed PMID: 31715187.

17: Ma Y, Sun D, Chen S, Chen X. Hybrid Surgical Rescue of Failed Stent Retrieval with Acute Middle Cerebral Artery Occlusion. *World Neurosurg.* 2020 Feb;134:120. doi: 10.1016/j.wneu.2019.10.127. Epub 2019 Nov 4. PubMed PMID: 31698128.

18: Zhang J, Yu J, Chen J. Application of Transcranial Sonography in Postcranioplasty. *World Neurosurg.* 2019 Aug;128:637. doi: 10.1016/j.wneu.2019.04.244. PubMed PMID: 31675775.

19: Li M, Sun X, Li Q, Li Y, Luo C, Huang H, Chen J, Gong C, Li Y, Zheng Y, Zhang S, Huang X, Chen H. Fucoidan exerts antidepressant-like effects in mice via regulating the stability of surface AMPARs. *Biochem Biophys Res Commun.* 2020 Jan 8;521(2):318-325. doi: 10.1016/j.bbrc.2019.10.043. Epub 2019 Oct 24. PubMed PMID: 31668812.

20: Yu J, Hu M, Yi L, Zhou K, Zhang J, Chen J. Paradoxical association of symptomatic cerebral edema with local hypoperfusion caused by the 'watershed shift' after revascularization surgery for adult moyamoya disease: a case report. *Ther Adv Neurol Disord.* 2019 Sep 25;12:1756286419878343. doi: 10.1177/1756286419878343. eCollection 2019. PubMed PMID: 31598140; PubMed Central PMCID: PMC6764047.

21: Jia L, Quan M, Fu Y, Zhao T, Li Y, Wei C, Tang Y, Qin Q, Wang F, Qiao Y, Shi S, Wang YJ, Du Y, Zhang J, Zhang J, Luo B, Qu Q, Zhou C, Gauthier S, Jia J; Group for the Project of Dementia Situation in China. Dementia in China: epidemiology, clinical management, and research advances. *Lancet Neurol.* 2020 Jan;19(1):81-92. doi: 10.1016/S1474-4422(19)30290-X. Epub 2019 Sep 4. Review. PubMed PMID: 31494009.

22: Zhang J, Tian W, Chen J, Yu J, Zhang J, Chen J. The application of polyetheretherketone (PEEK) implants in cranioplasty. *Brain Res Bull.* 2019 Nov;153:143-149. doi: 10.1016/j.brainresbull.2019.08.010. Epub 2019 Aug 16. Review. PubMed PMID: 31425730.

23: Huang Y, Ding H, Wu Q, Li Z, Li H, Li S, Xie C, Zhong Y. Neutrophil-lymphocyte ratio dynamics are useful for distinguishing between recurrence and pseudoprogression in high-grade gliomas. *Cancer Manag Res.* 2019 Jul 1;11:6003-6009. doi: 10.2147/CMAR.S202546. eCollection 2019. PubMed PMID: 31303796; PubMed Central PMCID: PMC6611708.

24: Fu ZY, Feng Y, Ma C, Chen JC, Krings T, Zhao WY. Endovascular Treatment of Cavernous Sinus Dural Arteriovenous Fistulas via Direct Transorbital Puncture Using Cone-Beam Computed Tomography Image Guidance: Report of 3 Cases. *World Neurosurg.* 2019 Oct;130:306-312. doi: 10.1016/j.wneu.2019.07.002. Epub 2019 Jul 9. PubMed PMID: 31299303.

25: Liu L. The Way to Reduce Postcranioplasty Seizures. *World Neurosurg.* 2019 Jul;127:683. doi: 10.1016/j.wneu.2019.04.148. PubMed PMID: 31266128.

26: Yang X, Ma J, Li K, Chen L, Dong R, Lu Y, Zhang Z, Peng M. A comparison of effects of scalp nerve block and local anesthetic infiltration on inflammatory response, hemodynamic response, and postoperative pain in patients undergoing craniotomy for cerebral aneurysms: a randomized controlled trial. *BMC Anesthesiol.* 2019 Jun 1;19(1):91. doi: 10.1186/s12871-019-0760-4. PubMed PMID: 31153358; PubMed Central PMCID: PMC6545200.

27: Shen L, Chen Y, Cheng J, Yuan S, Zhou S, Yan W, Liu J, Luo A, Wang S. CCL5 secreted by senescent theca-interstitial cells inhibits preantral follicular development via granulosa cellular apoptosis. *J Cell Physiol.* 2019 Dec;234(12):22554-22564. doi: 10.1002/jcp.28819. Epub 2019 May 20. PubMed PMID:

31111482.

28: Wang L, Ning J, Wakimoto H, Wu S, Wu CL, Humphrey MR, Rabkin SD, Martuza RL. Oncolytic Herpes Simplex Virus and PI3K Inhibitor BKM120 Synergize to Promote Killing of Prostate Cancer Stem-like Cells. *Mol Ther Oncolytics*. 2019 Mar 29;13:58-66. doi: 10.1016/j.omto.2019.03.008. eCollection 2019 Jun 28. PubMed PMID: 31016228; PubMed Central PMCID: PMC6468160.

29: Zhang J, Yu J, Chen J. Incidence and risk factors of post-cranioplasty seizures. *Seizure*. 2019 Jul;69:115. doi: 10.1016/j.seizure.2019.04.009. Epub 2019 Apr 13. PubMed PMID: 31009862.

30: Gong P, Zhang Z, Zou Y, Tian Q, Han S, Xu Z, Liao J, Gao L, Chen Q, Li M. Tetramethylpyrazine attenuates blood-brain barrier disruption in ischemia/reperfusion injury through the JAK/STAT signaling pathway. *Eur J Pharmacol*. 2019 Jul 5;854:289-297. doi: 10.1016/j.ejphar.2019.04.028. Epub 2019 Apr 17. PubMed PMID: 31004602.

31: Nie P, Li Z, Wang Y, Zhang Y, Zhao M, Luo J, Du S, Deng Z, Chen J, Wang Y, Chen S, Wang L. Gut microbiome interventions in human health and diseases. *Med Res Rev*. 2019 Nov;39(6):2286-2313. doi: 10.1002/med.21584. Epub 2019 Apr 17. Review. PubMed PMID: 30994937.

32: Zhang J, Chen J. Seizures and epilepsy following cranioplasty. *Seizure*. 2019 Jul;69:76. doi: 10.1016/j.seizure.2019.04.004. Epub 2019 Apr 7. PubMed PMID: 30986720.

33: Zhao YH, Wang ZF, Pan ZY, Péus D, Delgado-Fernandez J, Pallud J, Li ZQ. A Meta-Analysis of Survival Outcomes Following Reoperation in Recurrent Glioblastoma: Time to Consider the Timing of Reoperation. *Front Neurol*. 2019 Mar 26;10:286. doi: 10.3389/fneur.2019.00286. eCollection 2019. PubMed PMID: 30984099; PubMed Central PMCID: PMC6448034.

34: Xiong Z, Fujita Y, Zhang K, Pu Y, Chang L, Ma M, Chen J, Hashimoto K. Beneficial effects of (R)-ketamine, but not its metabolite (2R,6R)-hydroxynorketamine, in the depression-like phenotype, inflammatory bone markers, and bone mineral density in a chronic social defeat stress model. *Behav Brain Res*. 2019 Aug 5;368:111904. doi: 10.1016/j.bbr.2019.111904. Epub 2019 Apr 11. PubMed PMID: 30980851.

35: Yi L, Zhao W, Krings T, Wang W, Chen J. High-Flow Extracranial-to-Intracranial Bypass for Treatment of Thrombotic Parent Vessel Occlusion After Stent-Assisted Aneurysm Coiling as a Potential Rescue Therapy. *World Neurosurg*. 2019 Jul;127:326-329. doi: 10.1016/j.wneu.2019.03.039. Epub 2019 Mar 14. PubMed PMID: 30878756.

36: Tu WJ, Qiu HC, Zhang Y, Cao JL, Wang H, Zhao JZ, Liu Q, Zeng X. Lower serum retinoic acid level for prediction of higher risk of mortality in ischemic stroke. *Neurology*. 2019 Apr 9;92(15):e1678-e1687. doi: 10.1212/WNL.00000000000007261. Epub 2019 Mar 8. PubMed PMID: 30850446.

37: Xiong Z, Yan X, Xin C, Wu X, Zou Y, Ma Z, Ali Zolfaghari S, Xiong W, Zhang J, Li Z, Cao C, Li Z, Chen J. Intracerebral hemorrhage cadaver model for training in hematoma evacuation under endoscopy. *J Clin Neurosci*. 2019 May;63:272-277. doi: 10.1016/j.jocn.2019.02.002. Epub 2019 Feb 28. PubMed PMID: 30827878.

38: Pan ZY, Zhao YH, Huang WH, Xiao ZZ, Li ZQ. Effect of progesterone administration on the prognosis of patients with severe traumatic brain injury: a meta-analysis of randomized clinical trials. *Drug Des Devel Ther*. 2019 Jan 11;13:265-273. doi: 10.2147/DDDT.S192633. eCollection 2019. PubMed PMID: 30666088; PubMed Central PMCID: PMC6333322.

- 39: Zou Y, Gong P, Zhao W, Zhang J, Wu X, Xin C, Xiong Z, Li Z, Wu X, Wan Q, Li X, Chen J. Quantitative iTRAQ-based proteomic analysis of piperine protected cerebral ischemia/reperfusion injury in rat brain. *Neurochem Int*. 2019 Mar;124:51-61. doi: 10.1016/j.neuint.2018.12.010. Epub 2018 Dec 21. PubMed PMID: 30579855.
- 40: Wang X, Wu X, Zhang Z, Ma C, Wu T, Tang S, Zeng Z, Huang S, Gong C, Yuan C, Zhang L, Feng Y, Huang B, Liu W, Zhang B, Shen Y, Luo W, Wang X, Liu B, Lei Y, Ye Z, Zhao L, Cao D, Yang L, Chen X, Haydon RC, Luu HH, Peng B, Liu X, He TC. Monensin inhibits cell proliferation and tumor growth of chemo-resistant pancreatic cancer cells by targeting the EGFR signaling pathway. *Sci Rep*. 2018 Dec 17;8(1):17914. doi: 10.1038/s41598-018-36214-5. PubMed PMID: 30559409; PubMed Central PMCID: PMC6297164.
- 41: Yang BK, Qin J, Nie Y, Chen JC. Sustained antidepressant action of the N-methyl-D-aspartate receptor antagonist MK-801 in a chronic unpredictable mild stress model. *Exp Ther Med*. 2018 Dec;16(6):5376-5383. doi: 10.3892/etm.2018.6876. Epub 2018 Oct 18. PubMed PMID: 30542498; PubMed Central PMCID: PMC6257797.
- 42: Xiong Z, Zhang K, Ishima T, Ren Q, Ma M, Pu Y, Chang L, Chen J, Hashimoto K. Lack of rapid antidepressant effects of Kir4.1 channel inhibitors in a chronic social defeat stress model: Comparison with (R)-ketamine. *Pharmacol Biochem Behav*. 2019 Jan;176:57-62. doi: 10.1016/j.pbb.2018.11.010. Epub 2018 Nov 28. PubMed PMID: 30502360.
- 43: Xiong Z, Zhang K, Ren Q, Chang L, Chen J, Hashimoto K. Increased expression of inwardly rectifying Kir4.1 channel in the parietal cortex from patients with major depressive disorder. *J Affect Disord*. 2019 Feb 15;245:265-269. doi: 10.1016/j.jad.2018.11.016. Epub 2018 Nov 5. PubMed PMID: 30419525.
- 44: Liu X, Issa NP, Rose S, Wu S, Sun T, Towle LV, Warnke PC, Tao JX. The first-hour-of-the-day sleep EEG reliably identifies interictal epileptiform discharges during long-term video-EEG monitoring. *Seizure*. 2018 Dec;63:48-51. doi: 10.1016/j.seizure.2018.10.015. Epub 2018 Oct 26. PubMed PMID: 30399461.
- 45: Lei Y, Zhang ZF, Lei RX, Wang S, Zhuang Y, Liu AC, Wu Y, Chen J, Tang JC, Pan MX, Liu R, Liao WJ, Feng YG, Wan Q, Zheng M. DJ-1 Suppresses Cytoplasmic TDP-43 Aggregation in Oxidative Stress-Induced Cell Injury. *J Alzheimers Dis*. 2018;66(3):1001-1014. doi: 10.3233/JAD-180460. PubMed PMID: 30372676.
- 46: Xiong Z, Zhang K, Ishima T, Ren Q, Chang L, Chen J, Hashimoto K. Comparison of rapid and long-lasting antidepressant effects of negative modulators of $\alpha 5$ -containing GABA(A) receptors and (R)-ketamine in a chronic social defeat stress model. *Pharmacol Biochem Behav*. 2018 Dec;175:139-145. doi: 10.1016/j.pbb.2018.10.005. Epub 2018 Oct 23. PubMed PMID: 30359627.
- 47: Sheng-Hua C, Yan-Bin M, Zhi-An Z, Hong Z, Dong-Fu F, Zhi-Qiang L, Xian-Hou Y. Retraction notice to "Radiation-enhanced hepatocyte growth factor secretion in malignant glioma cell lines" [*Surgical Neurology* 68 (2007) 613-614]. *World Neurosurg*. 2018 Nov;119:530. doi: 10.1016/j.wneu.2018.09.021. PubMed PMID: 30347583.
- 1: Sun W, Ruan Z, Dai X, Li S, Li S, Zhang J, Chen J, Zhang H, Xu H. Quantifying Hemodynamics Changes in Moyamoya Disease Based on 2D Cine Phase-Contrast MRI and Computational Fluid Dynamics. *World Neurosurg*. 2018 Sep 18. pii: S1878-8750(18)32103-X. doi: 10.1016/j.wneu.2018.09.057. [Epub ahead of print] PubMed PMID: 30240869.
- 2: Liu X, Qiu Y, Zhang J, Zhang Q, Chen L, Chen L, Sun X. Emergent single burr hole evacuation for

traumatic acute subdural hematoma with cerebral herniation—a retrospective cohort comparison analysis. *World Neurosurg.* 2018 Sep 7. pii: S1878-8750(18)32014-X. doi: 10.1016/j.wneu.2018.08.219. [Epub ahead of print] PubMed PMID: 30201582.

3: Sun M, Guo S, Yao J, Xiao Y, Sun R, Ma W, Dong Z. MicroRNA-125a suppresses cell migration, invasion, and regulates hyaluronic acid synthase 1 expression by targeting signal transducers and activators of transcription 3 in renal cell carcinoma cells. *J Cell Biochem.* 2018 Sep 6. doi: 10.1002/jcb.27503. [Epub ahead of print] PubMed PMID: 30187954.

4: Tao Y, Ding L, Yao A, Yang Z, Yang Q, Qin L, Yu L, Gao Y, Huang YF, Li Z, Teng D. Intravitreal Delivery of Ab-Crystallin Ameliorates N-Methyl-N-Nitrosourea Induced Photoreceptor Degeneration in Mice: An in vivo and ex vivo Study. *Cell Physiol Biochem.* 2018;48(5):2147-2160. doi: 10.1159/000492557. Epub 2018 Aug 15. PubMed PMID: 30110696.

5: Tu WJ, Qiu HC, Cao JL, Liu Q, Zeng XW, Zhao JZ. Decreased Concentration of Irisin Is Associated with Poor Functional Outcome in Ischemic Stroke. *Neurotherapeutics.* 2018 Jul 20. doi: 10.1007/s13311-018-0651-2. [Epub ahead of print] PubMed PMID: 30030698.

6: Liang Y, Wang C, Chen A, Zhu L, Zhang J, Jiang P, Yue Q, De G. Immunohistochemistry analysis of Pygo2 expression in central nervous system tumors. *J Cell Commun Signal.* 2018 Jul 5. doi: 10.1007/s12079-018-0476-0. [Epub ahead of print] PubMed PMID: 29978348.

7: Yue H, Ling W, Yibo O, Sheng W, Sicheng T, Jincan C, Dongsheng G. Subfrontal recurrence after cerebellar medulloblastoma resection without local relapse: case-based update. *Childs Nerv Syst.* 2018 Sep;34(9):1619-1626. doi: 10.1007/s00381-018-3869-8. Epub 2018 Jun 23. PubMed PMID: 29934705.

8: Lan J, Fu ZY, Zhang JJ, Ma C, Cao CJ, Zhao WY, Jiang PC, Chen JC. Giant Serpentine Aneurysm of the Middle Cerebral Artery. *World Neurosurg.* 2018 Sep;117:109-114. doi: 10.1016/j.wneu.2018.05.247. Epub 2018 Jun 8. PubMed PMID: 29890279.

9: Xin C, Li Z, Zhang J, Xiong Z, Wu X, Zhao S, Cai M, Zhao W, Chen J. Combined Surgical and Endovascular Treatment of a Complex Posterior Communicating Artery Aneurysm at One-Stage in a Hybrid Operating Room. *World Neurosurg.* 2018 Aug;116:383-386. doi: 10.1016/j.wneu.2018.05.033. Epub 2018 May 12. PubMed PMID: 29763749.

10: Xin C, Zhang J, Li Z, Xiong Z, Yang B, Wu X, Wang H, Zou Y, Wu R, Zhao W, Chen J. Treatment of giant cavernous aneurysm in an elderly patient via extracranial-intracranial saphenous vein bypass graft in a hybrid operating room: A case report. *Medicine (Baltimore).* 2018 Apr;97(14):e0295. doi: 10.1097/MD.00000000000010295. PubMed PMID: 29620651; PubMed Central PMCID: PMC5902283.

11: Zhao YH, Wang ZF, Cao CJ, Weng H, Xu CS, Li K, Li JL, Lan J, Zeng XT, Li ZQ. The Clinical Significance of O(6)-Methylguanine-DNA Methyltransferase Promoter Methylation Status in Adult Patients With Glioblastoma: A Meta-analysis. *Front Neurol.* 2018 Mar 21;9:127. doi: 10.3389/fneur.2018.00127. eCollection 2018. PubMed PMID: 29619003; PubMed Central PMCID: PMC5873285.

12: Xu S, Zhang J, Wang S, Li Z, Xiong Z, Wu X, Xin C, Wang H, Wang Y, Chen J. The Optimum Operative Time of Revascularization for Patients with Moyamoya Disease Following Acute Onset. *World Neurosurg.* 2018 Jun;114:e412-e416. doi: 10.1016/j.wneu.2018.02.193. Epub 2018 Mar 10. PubMed PMID: 29530705.

- 13: Zhang J, Fan X, Liu X, Chen J, Wang W, Fu K. WITHDRAWN: The Optimal Treatment Options of Septated Chronic Subdural Hematoma: A Retrospective Comparison of Craniotomy Versus Endoscopic-Assisted Burr-Hole Craniostomy. *World Neurosurg.* 2017 Nov 11. pii: S1878-8750(17)31932-0. doi: 10.1016/j.wneu.2017.11.013. [Epub ahead of print] PubMed PMID: 29138075.
- 14: Wen Z, Zhang J, Tang P, Tu N, Wang K, Wu G. Overexpression of miR-185 inhibits autophagy and apoptosis of dopaminergic neurons by regulating the AMPK/mTOR signaling pathway in Parkinson's disease. *Mol Med Rep.* 2018 Jan;17(1):131-137. doi: 10.3892/mmr.2017.7897. Epub 2017 Oct 26. PubMed PMID: 29115479; PubMed Central PMCID: PMC5780076.
- 15: Li T, Qin JJ, Yang X, Ji YX, Guo F, Cheng WL, Wu X, Gong FH, Hong Y, Zhu XY, Gong J, Wang Z, Huang Z, She ZG, Li H. The Ubiquitin E3 Ligase TRAF6 Exacerbates Ischemic Stroke by Ubiquitinating and Activating Rac1. *J Neurosci.* 2017 Dec 13;37(50):12123-12140. doi: 10.1523/JNEUROSCI.1751-17.2017. Epub 2017 Nov 7. PubMed PMID: 29114077.
- 16: Tao Y, Yang Z, Fang W, Ma Z, Huang YF, Li Z. Adeno-associated virus-mediated neuroglobin overexpression ameliorates the N-methyl-N-nitrosourea-induced retinal impairments: a novel therapeutic strategy against photoreceptor degeneration. *Ther Clin Risk Manag.* 2017 Oct 13;13:1379-1389. doi: 10.2147/TCRM.S144822. eCollection 2017. PubMed PMID: 29075122; PubMed Central PMCID: PMC5648317.
- 17: Zhang J, Liu X, Fan X, Fu K, Xu C, Hu Q, Jiang P, Chen J, Wang W. The use of endoscopic-assisted burr-hole craniostomy for septated chronic subdural haematoma: A retrospective cohort comparison study. *Brain Res.* 2018 Jan 1;1678:245-253. doi: 10.1016/j.brainres.2017.10.017. Epub 2017 Oct 24. PubMed PMID: 29074342.
- 18: Tu WJ, Liu Q, Cao JL, Zhao SJ, Zeng XW, Deng AJ. γ -Glutamyl Transferase as a Risk Factor for All-Cause or Cardiovascular Disease Mortality Among 5912 Ischemic Stroke. *Stroke.* 2017 Oct;48(10):2888-2891. doi: 10.1161/STROKEAHA.117.017776. Epub 2017 Sep 13. PubMed PMID: 28904238.
- 19: Liao J, Yu X, Hu X, Fan J, Wang J, Zhang Z, Zhao C, Zeng Z, Shu Y, Zhang R, Yan S, Li Y, Zhang W, Cui J, Ma C, Li L, Yu Y, Wu T, Wu X, Lei J, Wang J, Yang C, Wu K, Wu Y, Tang J, He BC, Deng ZL, Lu HH, Haydon RC, Reid RR, Lee MJ, Wolf JM, Huang W, He TC. lncRNA H19 mediates BMP9-induced osteogenic differentiation of mesenchymal stem cells (MSCs) through Notch signaling. *Oncotarget.* 2017 Jun 27;8(32):53581-53601. doi: 10.18632/oncotarget.18655. eCollection 2017 Aug 8. PubMed PMID: 28881833; PubMed Central PMCID: PMC5581132.
- 20: Liu X, Zhang J, Fu K, Gong R, Chen J, Zhang J. Microelectrode Recording-Guided Versus Intraoperative Magnetic Resonance Imaging-Guided Subthalamic Nucleus Deep Brain Stimulation Surgery for Parkinson's disease: A 1-Year Follow-Up Study. *World Neurosurg.* 2017 Nov;107:900-905. doi: 10.1016/j.wneu.2017.08.077. Epub 2017 Aug 24. PubMed PMID: 28842228.
- 21: Zhou M, Ding H, Ke J. Adductor canal block in combination with posterior capsular infiltration on the pain control after TKA. *Ir J Med Sci.* 2018 May;187(2):465-471. doi: 10.1007/s11845-017-1647-3. Epub 2017 Jul 7. PubMed PMID: 28687982.
- 22: Wang C, Li Y, Chen H, Zhang J, Zhang J, Qin T, Duan C, Chen X, Liu Y, Zhou X, Yang J. Inhibition of CYP4A by a novel flavonoid FLA-16 prolongs survival and normalizes tumor vasculature in glioma. *Cancer Lett.* 2017 Aug 28;402:131-141. doi: 10.1016/j.canlet.2017.05.030. Epub 2017 Jun 7. PubMed PMID: 28602979.

23: Song D, Zhang F, Reid RR, Ye J, Wei Q, Liao J, Zou Y, Fan J, Ma C, Hu X, Qu X, Chen L, Li L, Yu Y, Yu X, Zhang Z, Zhao C, Zeng Z, Zhang R, Yan S, Wu T, Wu X, Shu Y, Lei J, Li Y, Zhang W, Wang J, Lee MJ, Wolf JM, Huang D, He TC. BMP9 induces osteogenesis and adipogenesis in the immortalized human cranial suture progenitors from the patent sutures of craniosynostosis patients. *J Cell Mol Med*. 2017 Nov;21(11):2782-2795. doi: 10.1111/jcmm.13193. Epub 2017 May 4. PubMed PMID: 28470873; PubMed Central PMCID: PMC5661262.

24: Wei Q, Fan J, Liao J, Zou Y, Song D, Liu J, Cui J, Liu F, Ma C, Hu X, Li L, Yu Y, Qu X, Chen L, Yu X, Zhang Z, Zhao C, Zeng Z, Zhang R, Yan S, Wu X, Shu Y, Reid RR, Lee MJ, Wolf JM, He TC. Engineering the Rapid Adenovirus Production and Amplification (RAPA) Cell Line to Expedite the Generation of Recombinant Adenoviruses. *Cell Physiol Biochem*. 2017;41(6):2383-2398. doi: 10.1159/000475909. Epub 2017 May 3. PubMed PMID: 28463838.

25: Zou Y, Qazvini NT, Zane K, Sadati M, Wei Q, Liao J, Fan J, Song D, Liu J, Ma C, Qu X, Chen L, Yu X, Zhang Z, Zhao C, Zeng Z, Zhang R, Yan S, Wu T, Wu X, Shu Y, Li Y, Zhang W, Reid RR, Lee MJ, Wolf JM, Tirrell M, He TC, de Pablo JJ, Deng ZL. Gelatin-Derived Graphene-Silicate Hybrid Materials Are Biocompatible and Synergistically Promote BMP9-Induced Osteogenic Differentiation of Mesenchymal Stem Cells. *ACS Appl Mater Interfaces*. 2017 May 17;9(19):15922-15932. doi: 10.1021/acsami.7b00272. Epub 2017 May 4. PubMed PMID: 28406027.

26: Fan J, Wei Q, Liao J, Zou Y, Song D, Xiong D, Ma C, Hu X, Qu X, Chen L, Li L, Yu Y, Yu X, Zhang Z, Zhao C, Zeng Z, Zhang R, Yan S, Wu T, Wu X, Shu Y, Lei J, Li Y, Zhang W, Haydon RC, Luu HH, Huang A, He TC, Tang H. Noncanonical Wnt signaling plays an important role in modulating canonical Wnt-regulated stemness, proliferation and terminal differentiation of hepatic progenitors. *Oncotarget*. 2017 Apr 18;8(16):27105-27119. doi: 10.18632/oncotarget.15637. PubMed PMID: 28404920; PubMed Central PMCID: PMC5432321.

27: Liao J, Wei Q, Fan J, Zou Y, Song D, Liu J, Liu F, Ma C, Hu X, Li L, Yu Y, Qu X, Chen L, Yu X, Zhang Z, Zhao C, Zeng Z, Zhang R, Yan S, Wu T, Wu X, Shu Y, Lei J, Li Y, Zhang W, Wang J, Reid RR, Lee MJ, Huang W, Wolf JM, He TC, Wang J. Characterization of retroviral infectivity and superinfection resistance during retrovirus-mediated transduction of mammalian cells. *Gene Ther*. 2017 Jun;24(6):333-341. doi: 10.1038/gt.2017.24. Epub 2017 May 4. PubMed PMID: 28387759; PubMed Central PMCID: PMC5506371.

28: Liao J, Wei Q, Zou Y, Fan J, Song D, Cui J, Zhang W, Zhu Y, Ma C, Hu X, Qu X, Chen L, Yu X, Zhang Z, Wang C, Zhao C, Zeng Z, Zhang R, Yan S, Wu T, Wu X, Shu Y, Lei J, Li Y, Luu HH, Lee MJ, Reid RR, Ameer GA, Wolf JM, He TC, Huang W. Notch Signaling Augments BMP9-Induced Bone Formation by Promoting the Osteogenesis-Angiogenesis Coupling Process in Mesenchymal Stem Cells (MSCs). *Cell Physiol Biochem*. 2017;41(5):1905-1923. doi: 10.1159/000471945. Epub 2017 Apr 4. PubMed PMID: 28384643.

29: Wang P, Wang J, Yu M, Li Z. Tumor Necrosis Factor- α T-857C (rs1799724) Polymorphism and Risk of Cancers: A Meta-Analysis. *Dis Markers*. 2016;2016:4580323. doi: 10.1155/2016/4580323. Epub 2016 Dec 27. Review. PubMed PMID: 28115787; PubMed Central PMCID: PMC5223007.

30: Zhang F, Li Y, Zhang H, Huang E, Gao L, Luo W, Wei Q, Fan J, Song D, Liao J, Zou Y, Liu F, Liu J, Huang J, Guo D, Ma C, Hu X, Li L, Qu X, Chen L, Yu X, Zhang Z, Wu T, Luu HH, Haydon RC, Song J, He TC, Ji P. Anthelmintic mebendazole enhances cisplatin's effect on suppressing cell proliferation and promotes differentiation of head and neck squamous cell carcinoma (HNSCC). *Oncotarget*. 2017 Feb 21;8(8):12968-12982. doi: 10.18632/oncotarget.14673. PubMed PMID: 28099902; PubMed Central

PMCID: PMC5355070.

- 31: Chang L, Wang Y, Zhang J, Guo T. The best strategy for HCC patients at each BCLC stage: a network meta-analysis of observational studies. *Oncotarget*. 2017 Mar 21;8(12):20418-20427. doi: 10.18632/oncotarget.14668. Review. PubMed PMID: 28099898; PubMed Central PMCID: PMC5386773.
- 32: Zhang J, Liu X, Fu K, Xu C, Gong R, Liu L, Guo T, Zhou H, Zhao X, Chen J, Zhang J. Diagnostic Value and Safety of Stereotactic Biopsy in Acquired Immune Deficiency Syndrome Patients with Intracranial Lesions: Systematic Review and Meta-Analysis. *World Neurosurg*. 2017 Feb;98:790-799.e13. doi: 10.1016/j.wneu.2016.11.151. Epub 2016 Dec 10. Review. PubMed PMID: 27965075.
- 33: Zhang JB, Fu K, Gong R, Liu XM, Chen LD, Zhang YX, Yang GF, Zhang J. Application of stereotactic biopsy for diagnosing intracranial lesions in patients with AIDS in China: Report of 7 cases. *Medicine (Baltimore)*. 2016 Dec;95(49):e5526. PubMed PMID: 27930545; PubMed Central PMCID: PMC5266017.
- 34: Sun SJ, Zhang JJ, Li ZW, Xiong ZW, Wu XL, Wang S, Shu K, Chen JC. Histopathological features of middle cerebral artery and superficial temporal artery from patients with moyamoya disease and enlightenments on clinical treatment. *J Huazhong Univ Sci Technolog Med Sci*. 2016 Dec;36(6):871-875. doi: 10.1007/s11596-016-1677-5. Epub 2016 Dec 7. PubMed PMID: 27924520.
- 35: Wang ZF, Pan ZY, Xu CS, Li ZQ. Activation of G-protein coupled estrogen receptor 1 improves early-onset cognitive impairment via PI3K/Akt pathway in rats with traumatic brain injury. *Biochem Biophys Res Commun*. 2017 Jan 22;482(4):948-953. doi: 10.1016/j.bbrc.2016.11.138. Epub 2016 Nov 28. PubMed PMID: 27908726.
- 36: Lukas RV, Ma C, Chen J, Dong H, Li J, Wang Z, Jiang I, Fu K, Satnarayan S, Albert DV, Sherer R. Views on Careers in Clinical Neurosciences Among Neurosurgeons and Neurologists in China. *World Neurosurg*. 2017 Feb;98:532-537. doi: 10.1016/j.wneu.2016.11.054. Epub 2016 Nov 19. PubMed PMID: 27876662.
- 37: Li LJ, Hu R, Lujan B, Chen J, Zhang JJ, Nakano Y, Cui TY, Liao MX, Chen JC, Man HY, Feng H, Wan Q. Glycine Potentiates AMPA Receptor Function through Metabotropic Activation of GluN2A-Containing NMDA Receptors. *Front Mol Neurosci*. 2016 Oct 19;9:102. eCollection 2016. PubMed PMID: 27807405; PubMed Central PMCID: PMC5069295.
- 38: Lu S, Wang J, Ye J, Zou Y, Zhu Y, Wei Q, Wang X, Tang S, Liu H, Fan J, Zhang F, Farina EM, Mohammed MM, Song D, Liao J, Huang J, Guo D, Lu M, Liu F, Liu J, Li L, Ma C, Hu X, Lee MJ, Reid RR, Ameer GA, Zhou D, He T. Bone morphogenetic protein 9 (BMP9) induces effective bone formation from reversibly immortalized multipotent adipose-derived (iMAD) mesenchymal stem cells. *Am J Transl Res*. 2016 Sep 15;8(9):3710-3730. eCollection 2016. PubMed PMID: 27725853; PubMed Central PMCID: PMC5040671.
- 39: Hu R, Chen J, Lujan B, Lei R, Zhang M, Wang Z, Liao M, Li Z, Wan Y, Liu F, Feng H, Wan Q. Glycine triggers a non-ionotropic activity of GluN2A-containing NMDA receptors to confer neuroprotection. *Sci Rep*. 2016 Oct 3;6:34459. doi: 10.1038/srep34459. PubMed PMID: 27694970; PubMed Central PMCID: PMC5046082.
- 40: Wei R, Cao G, Deng Z, Su J, Cai L. miR-140-5p attenuates chemotherapeutic drug-induced cell death by regulating autophagy through inositol 1,4,5-trisphosphate kinase 2 (IP3k2) in human osteosarcoma cells. *Biosci Rep*. 2016 Oct 14;36(5). pii: e00392. Print 2016 Oct. PubMed PMID: 27582507; PubMed Central PMCID: PMC5064456.
- 41: Chen Q, Qi R, Chen X, Yang X, Huang X, Xiao H, Wang X, Dong W. Polymeric Nanostructure

Compiled with Multifunctional Components To Exert Tumor-Targeted Delivery of Antiangiogenic Gene for Tumor Growth Suppression. *ACS Appl Mater Interfaces*. 2016 Sep 21;8(37):24404-14. doi: 10.1021/acsami.6b06782. Epub 2016 Sep 7. PubMed PMID: 27576084.

42: Wei B, Qian C, Liu Y, Lin X, Wan J, Wang Y. Ommaya reservoir in the treatment of cryptococcal meningitis. *Acta Neurol Belg*. 2017 Mar;117(1):283-287. doi: 10.1007/s13760-016-0682-6. Epub 2016 Aug 4. PubMed PMID: 27492153.

43: Jiang J, Wang J, Zhong F, Chen G, Li Y, Zheng XX. Combined PCR and Q-RT-PCR technique for detecting chimerism in a non-human Primate vascularized osteomyocutaneous allografts model. *Cell Mol Biol (Noisy-le-grand)*. 2016 Jun 30;62(7):31-5. PubMed PMID: 27453269.

44: Chen XJ, Wu MY, Li DH, You J. Apigenin inhibits glioma cell growth through promoting microRNA-16 and suppression of BCL-2 and nuclear factor- κ B/MMP-9. *Mol Med Rep*. 2016 Sep;14(3):2352-8. doi: 10.3892/mmr.2016.5460. Epub 2016 Jun 30. PubMed PMID: 27430517.

45: Xie Y, Meng X, Xiao J, Zhang J, Zhang J. Cognitive Changes following Bilateral Deep Brain Stimulation of Subthalamic Nucleus in Parkinson's Disease: A Meta-Analysis. *Biomed Res Int*. 2016;2016:3596415. doi: 10.1155/2016/3596415. Epub 2016 May 23. Review. PubMed PMID: 27314016; PubMed Central PMCID: PMC4893566.

46: Wen Z, Zhang J, Li J, Dai J, Lin F, Wu G. Altered Activation in Cerebellum Contralateral to Unilateral Thalamotomy May Mediate Tremor Suppression in Parkinson's Disease: A Short-Term Regional Homogeneity fMRI Study. *PLoS One*. 2016 Jun 16;11(6):e0157562. doi: 10.1371/journal.pone.0157562. eCollection 2016. PubMed PMID: 27310133; PubMed Central PMCID: PMC4910974.

47: Wang Z, Hu P, Tang F, Lian H, Chen X, Zhang Y, He X, Liu W, Xie C. HDAC6 promotes cell proliferation and confers resistance to temozolomide in glioblastoma. *Cancer Lett*. 2016 Aug 28;379(1):134-42. doi: 10.1016/j.canlet.2016.06.001. Epub 2016 Jun 3. PubMed PMID: 27267806.

48: Chen J, Zhuang Y, Zhang ZF, Wang S, Jin P, He C, Hu PC, Wang ZF, Li ZQ, Xia GM, Li G, Wang Y, Wan Q. Glycine confers neuroprotection through microRNA-301a/PTEN signaling. *Mol Brain*. 2016 May 26;9(1):59. doi: 10.1186/s13041-016-0241-3. PubMed PMID: 27230112; PubMed Central PMCID: PMC4880874.

49: Mohammed MK, Shao C, Wang J, Wei Q, Wang X, Collier Z, Tang S, Liu H, Zhang F, Huang J, Guo D, Lu M, Liu F, Liu J, Ma C, Shi LL, Athiviraham A, He TC, Lee MJ. Wnt/beta-catenin signaling plays an ever-expanding role in stem cell self-renewal, tumorigenesis and cancer chemoresistance. *Genes Dis*. 2016 Mar;3(1):11-40. Epub 2016 Jan 14. PubMed PMID: 27077077; PubMed Central PMCID: PMC4827448.

50: Zhang JJ, Xiong ZW, Wang S, Sun SJ, Wang H, Wu XL, Wang L, Zhang HQ, You C, Wang Y, Chen JC. Significance of cyclooxygenase-2 elevation in middle cerebral artery for patients with hemorrhagic moyamoya disease. *J Huazhong Univ Sci Technolog Med Sci*. 2016 Apr;36(2):181-185. doi: 10.1007/s11596-016-1563-1. Epub 2016 Apr 13. PubMed PMID: 27072959.

51: Yao Y, Ye H, Qi Z, Mo L, Yue Q, Baral A, Hoon DSB, Vera JC, Heiss JD, Chen CC, Zhang J, Jin K, Wang Y, Zang X, Mao Y, Zhou L. B7-H4(B7x)-Mediated Cross-talk between Glioma-Initiating Cells and Macrophages via the IL6/JAK/STAT3 Pathway Lead to Poor Prognosis in Glioma Patients. *Clin Cancer Res*. 2016 Jun 1;22(11):2778-2790. doi: 10.1158/1078-0432.CCR-15-0858. Epub 2016 Mar 21. PubMed PMID: 27001312; PubMed Central PMCID: PMC4891287.

- 52: Hu D, Yang X, Wang J. Migration of intracranial hemostatic clip into the spinal canal: A case report and literature review. *Br J Neurosurg.* 2015;29(6):859-61. doi: 10.3109/02688697.2015.1080218. Epub 2015 Sep 7. PubMed PMID: 26853991.
- 53: Li H, Zheng J, Guan R, Zhu Z, Yuan X. Tyrphostin AG 1296 induces glioblastoma cell apoptosis in vitro and in vivo. *Oncol Lett.* 2015 Dec;10(6):3429-3433. Epub 2015 Oct 6. PubMed PMID: 26788146; PubMed Central PMCID: PMC4665272.
- 54: Ma C, Wu TT, Jiang PC, Li ZQ, Chen XJ, Fu K, Wang W, Gong R. Anti-carcinogenic activity of anandamide on human glioma in vitro and in vivo. *Mol Med Rep.* 2016 Feb;13(2):1558-62. doi: 10.3892/mmr.2015.4721. Epub 2015 Dec 28. PubMed PMID: 26707955; PubMed Central PMCID: PMC4732848.
- 55: Zhang J, Xiong Z, Wang S, He Y, Sun S, Wu X, Wang L, Zhang H, You C, Wang Y, Chen J. Cyclooxygenase-2 and Prostaglandin E2 are Associated with Middle Cerebral Artery Occlusion and Hemorrhage in Patients with Moyamoya Disease. *Curr Neurovasc Res.* 2016;13(1):68-74. PubMed PMID: 26503024.
- 56: Zhang WH, Xie M, Liu H, Wang X, Lin MH. Surgical challenges for lateral ventricle meningiomas: A consecutive series of 21 patients. *J Huazhong Univ Sci Technolog Med Sci.* 2015 Oct;35(5):742-746. doi: 10.1007/s11596-015-1500-8. Epub 2015 Oct 22. PubMed PMID: 26489632.
- 57: Hu D, Yang X, Wang J. Traumatic Posterior Atlantoaxial Dislocation Without Fracture of Odontoid Process: A Case Report and Systematic Analysis of 19 Cases. *J Orthop Trauma.* 2015 Sep;29(9):e342-5. doi: 10.1097/BOT.0000000000000334. Review. PubMed PMID: 26131568.
- 58: Xu CS, Liu AC, Chen J, Pan ZY, Wan Q, Li ZQ, Wang ZF. Overactivation of NR2B-containing NMDA receptors through entorhinal-hippocampal connection initiates accumulation of hyperphosphorylated tau in rat hippocampus after transient middle cerebral artery occlusion. *J Neurochem.* 2015 Aug;134(3):566-77. doi: 10.1111/jnc.13134. Epub 2015 Jun 4. PubMed PMID: 25903928.
- 59: Xu CS, Wang ZF, Huang XD, Dai LM, Cao CJ, Li ZQ. Involvement of ROS-alpha v beta 3 integrin-FAK/Pyk2 in the inhibitory effect of melatonin on U251 glioma cell migration and invasion under hypoxia. *J Transl Med.* 2015 Mar 20;13:95. doi: 10.1186/s12967-015-0454-8. PubMed PMID: 25889845; PubMed Central PMCID: PMC4371719.
- 60: Cao C, Wang W, Ma C, Jiang P. Computational analysis identifies invasion-associated genes in pituitary neuroendocrine tumors. *Mol Med Rep.* 2015 Aug;12(2):1977-82. doi: 10.3892/mmr.2015.3564. Epub 2015 Mar 27. PubMed PMID: 25824863.
- 61: Niu YM, Deng MH, Chen W, Zeng XT, Luo J. MTHFR C677T gene polymorphism and head and neck cancer risk: a meta-analysis based on 23 publications. *Dis Markers.* 2015;2015:681313. doi: 10.1155/2015/681313. Epub 2015 Jan 31. Review. PubMed PMID: 25802478; PubMed Central PMCID: PMC4329770.
- 62: Cheng M, Yang J, Gao YD, Pan ZY. Corticosteroid therapy for severe community-acquired pneumonia: a meta-analysis-reply. *Respir Care.* 2014 Aug;59(8):e118-9. doi: 10.4187/respcare.03506. PubMed PMID: 25233522.
- 63: Baral A, Ye HX, Jiang PC, Yao Y, Mao Y. B7-H3 and B7-H1 expression in cerebral spinal fluid and tumor tissue correlates with the malignancy grade of glioma patients. *Oncol Lett.* 2014 Sep;8(3):1195-1201. Epub 2014 Jun 19. PubMed PMID: 25120686; PubMed Central PMCID: PMC4114642.

64: Zheng J, Redmond L, Xu C, Kuang J, Liao W. Alternative splicing in the variable domain of CaMKII β affects the level of F-actin association in developing neurons. *Int J Clin Exp Pathol*. 2014 May 15;7(6):2963-75. eCollection 2014. PubMed PMID: 25031715; PubMed Central PMCID: PMC4097261.

65: Xu CS, Wang ZF, Dai LM, Chu SH, Gong LL, Yang MH, Li ZQ. Induction of proline-rich tyrosine kinase 2 activation-mediated C6 glioma cell invasion after anti-vascular endothelial growth factor therapy. *J Transl Med*. 2014 May 27;12:148. doi: 10.1186/1479-5876-12-148. PubMed PMID: 24884636; PubMed Central PMCID: PMC4049398.

66: Chu SH, Zhou ZM, Karri S, Li ZQ, Zhao JM. In vitro and in vivo radiosensitization of human glioma U251 cells induced by upregulated expression of SLC22A18. *Cancer Gene Ther*. 2014 Mar;21(3):103-9. doi: 10.1038/cgt.2014.4. Epub 2014 Jan 31. PubMed PMID: 24481489.

67: Jiang PC, Xiong WP, Wang G, Ma C, Yao WQ, Kendell SF, Mehling BM, Yuan XH, Wu DC. A clinical trial report of autologous bone marrow-derived mesenchymal stem cell transplantation in patients with spinal cord injury. *Exp Ther Med*. 2013 Jul;6(1):140-146. Epub 2013 Apr 29. PubMed PMID: 23935735; PubMed Central PMCID: PMC3735529.

68: Xie T, Zhang J, Yuan X, Yang J, Ding W, Huang X, Wu Y. Is X-linked methyl-CpG binding protein 2 a new target for the treatment of Parkinson's disease. *Neural Regen Res*. 2013 Jul 25;8(21):1948-57. doi: 10.3969/j.issn.1673-5374.2013.21.003. PubMed PMID: 25206503; PubMed Central PMCID: PMC4145902.

69: Liu ZM, Wang YB, Yuan XH. Exosomes from murine-derived GL26 cells promote glioblastoma tumor growth by reducing number and function of CD8⁺T cells. *Asian Pac J Cancer Prev*. 2013;14(1):309-14. PubMed PMID: 23534743.

70: Li ZQ, Gong LL, Wen ZH, Wang J, Xu CS, Huang XD. Delta-like ligand 4 correlates with endothelial proliferation and vessel maturation in human malignant glioma. *Onkologie*. 2012;35(12):763-8. doi: 10.1159/000345116. Epub 2012 Nov 20. PubMed PMID: 23207622.

71: Huang XD, Wang ZF, Dai LM, Li ZQ. Microarray analysis of the hypoxia-induced gene expression profile in malignant C6 glioma cells. *Asian Pac J Cancer Prev*. 2012;13(9):4793-9. PubMed PMID: 23167422.

72: Cai J, Wang XH, Wan SP. [Reconstruction of resected cavernous nerve]. *Zhonghua Nan Ke Xue*. 2011 Jul;17(7):644-8. Review. Chinese. PubMed PMID: 21823351.

73: Wang H, Yuan X, Zhou Z, Hu J, Zhang T, Hu S, Luo J, Li X. MicroRNAs might be promising biomarkers of human gliomas. *Asian Pac J Cancer Prev*. 2011;12(4):833-5. Review. PubMed PMID: 21790212.

74: Li Z, Wang J, Gong L, Wen Z, Xu C, Huang X. Correlation of Delta-like ligand 4 (DLL4) with VEGF and HIF-1 α expression in human glioma. *Asian Pac J Cancer Prev*. 2011;12(1):215-8. PubMed PMID: 21517260.

75: Hu H, Cai L, Wang J, Jin W, Wei T, Wang Y. [Experimental research on reconstructing quadriceps femoris function in paraplegia rats by C7 nerve root transposition]. *Zhongguo Xiu Fu Chong Jian Wai Ke Za Zhi*. 2008 Nov;22(11):1334-8. Chinese. PubMed PMID: 19068602.

76: Zhou Z, Yuan X, Li Z, Tu H, Li D, Qing J, Wang H, Zhang L. RNA interference targeting EphA2

inhibits proliferation, induces apoptosis, and cooperates with cytotoxic drugs in human glioma cells. *Surg Neurol.* 2008 Dec;70(6):562-8; discussion 568-9. doi: 10.1016/j.surneu.2008.04.031. Epub 2008 Jul 9. PubMed PMID: 18614215.

77: Sheng-Hua C, Yan-Bin M, Zhi-An Z, Hong Z, Dong-Fu F, Zhi-Qiang L, Xian-Hou Y. Radiation-enhanced hepatocyte growth factor secretion in malignant glioma cell lines. *Surg Neurol.* 2007 Dec;68(6):610-613. doi: 10.1016/j.surneu.2006.12.050. Epub 2007 Sep 4. PubMed PMID: 17765959.

78: Zhang J, Zhao SY, Yuan XH. Stereotactic cyst/ventricular-peritoneal shunting for the treatment of prepontine arachnoid cyst: case report. *Surg Neurol.* 2006 Dec;66(6):616-8; discussion 618. Epub 2006 Oct 6. PubMed PMID: 17145325.

79: Zhang J, Sekino Y, Yuan XH. Forskolin and 8-cyclopentyltheophylline synergistically facilitate the neuronal activity in the CA2 area of rat hippocampus via cAMP and non-cAMP cascades. *Sheng Li Xue Bao.* 2006 Oct 25;58(5):435-41. Retraction in: *Sheng Li Xue Bao.* 2007 Jun 25;59(3):350. PubMed PMID: 17041727.

80: Chu S, Yuan X, Li Z, Jiang P, Zhang J. C-Met antisense oligodeoxynucleotide inhibits growth of glioma cells. *Surg Neurol.* 2006 Jun;65(6):533-8; discussion 538. PubMed PMID: 16720163.

81: Luo MH, Li SW, Zheng XM, Hu LQ, Luo Y, Zheng H. [Impacts of denervation on the morphology and expression of neuronal nitric oxide synthase of prostate of adolescent rats]. *Zhonghua Nan Ke Xue.* 2006 Feb;12(2):112-4, 119. Chinese. PubMed PMID: 16519143.

82: Wu ZM, Yuan XH, Jiang PC, Li ZQ, Wu T. Antisense oligonucleotides targeting the focal adhesion kinase inhibit proliferation, induce apoptosis and cooperate with cytotoxic drugs in human glioma cells. *J Neurooncol.* 2006 Apr;77(2):117-23. Epub 2005 Nov 29. PubMed PMID: 16314954.

83: Chu SH, Yuan XH, Jiang PC, Li ZQ, Zhang J, Wen ZH, Zhao SY, Chen XJ, Cao CJ. [The expression of hepatocyte growth factor and its receptor in brain astrocytomas]. *Zhonghua Yi Xue Za Zhi.* 2005 Mar 30;85(12):835-8. Chinese. PubMed PMID: 15949402.

84: Cui DS, Hu LQ, Li SW, Zheng XM. [Effects on erectile function of transplanted major pelvic ganglion into the corpus cavernosum of adult rats with bilateral cavernous nerve injury]. *Zhonghua Wai Ke Za Zhi.* 2004 May 22;42(10):596-9. Chinese. PubMed PMID: 15265402.

85: Hu WL, Hu LQ, Song J, Li SW, Zheng XM, Cheng B, Tian BC. Fibrosis of corpus cavernosum in animals following cavernous nerve ablation. *Asian J Androl.* 2004 Jun;6(2):111-6. PubMed PMID: 15154084.

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