

Taichung

Taichung, officially known as Taichung City, is a special municipality located in center-western [Taiwan](#). Taichung has a population of approximately 2.79 million people and has been officially ranked as Taiwan's second most populous city since July 2017.

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Yen CM, Tsai CW, Chang WS, Yang YC, Hung YW, Lee HT, Shen CC, Sheu ML, Wang JY, Gong CL, Cheng WY, Bau DT. Novel Combination of [Arsenic Trioxide](#) (As(2)O(3)) Plus [Resveratrol](#) in Inducing [Programmed Cell Death](#) of Human [Neuroblastoma](#) SK-N-SH Cells. *Cancer Genomics Proteomics*. 2018 Nov-Dec;15(6):453-460. doi: 10.21873/cgp.20104. PubMed PMID: 30343279.

2: Harnod T, Chen W, Wang JH, Lin SZ, Ding DC. Hysterectomies Are Associated with an Increased Risk of Depression: A Population-Based Cohort Study. *J Clin Med*. 2018 Oct 18;7(10). pii: E366. doi: 10.3390/jcm7100366. PubMed PMID: 30340333.

3: Chen KY, Osorio J, Rivera J, Chou D. Intra- and Extramedullary Thoracic Spinal Lipomas without Spinal Dysraphism: Clinical Presentation and Surgical Management. *World Neurosurg*. 2018 Oct 10. pii: S1878-8750(18)32202-2. doi: 10.1016/j.wneu.2018.09.156. [Epub ahead of print] PubMed PMID: 30315981.

4: Wang H, Song G, Chuang H, Chiu C, Abdelmaksoud A, Ye Y, Zhao L. Portrait of glial scar in neurological diseases. *Int J Immunopathol Pharmacol*. 2018 Jan-Dec;31:2058738418801406. doi: 10.1177/2058738418801406. PubMed PMID: 30309271; PubMed Central PMCID: PMC6187421.

5: Lin TJ, Yin SY, Hsiao PW, Yang NS, Wang IJ. Transcriptomic analysis reveals a controlling mechanism for NLRP3 and IL-17A in dextran sulfate sodium (DSS)-induced colitis. *Sci Rep*. 2018 Oct 8;8(1):14927. doi: 10.1038/s41598-018-33204-5. PubMed PMID: 30297787; PubMed Central PMCID: PMC6175949.

6: Chuang HM, Ho LI, Huang MH, Huang KL, Chiou TW, Lin SZ, Su HL, Harn HJ. Non-Canonical Regulation of Type I Collagen through Promoter Binding of SOX2 and Its Contribution to Ameliorating Pulmonary Fibrosis by Butylidenephthalide. *Int J Mol Sci*. 2018 Oct 4;19(10). pii: E3024. doi: 10.3390/ijms19103024. PubMed PMID: 30287739.

7: Ding DC, Chen W, Wang JH, Lin SZ. Association between polycystic ovarian syndrome and endometrial, ovarian, and breast cancer: A population-based cohort study in Taiwan. *Medicine (Baltimore)*. 2018 Sep;97(39):e12608. doi: 10.1097/MD.00000000000012608. PubMed PMID: 30278576; PubMed Central PMCID: PMC6181615.

8: Tsai MH, Lee CW, Hsu LF, Li SY, Chiang YC, Lee MH, Chen CH, Liang HF, How JM, Chang PJ, Wu CM, Lee IT. Corrigendum to "CO-releasing molecules CORM2 attenuates angiotensin II-induced human aortic smooth muscle cell migration through inhibition of ROS/IL-6 generation and matrix metalloproteinases-9 expression" [*Redox Biol*. 12 (2017) 377-388]. *Redox Biol*. 2018 Sep 24. pii: S2213-2317(18)30854-1. doi: 10.1016/j.redox.2018.09.012. [Epub ahead of print] PubMed PMID: 30262241.

- 9: Huang HM, Chen CH, Lee HC, Chuang HY, Chen DC, Chu YT, Cho DY. Minimal invasive surgical technique in midline lumbar inter-body fusion: A technique note. *J Clin Neurosci*. 2018 Sep;55:103-108. doi: 10.1016/j.jocn.2018.06.033. Epub 2018 Jul 6. PubMed PMID: 30257804.
- 10: Liu YT, Yang TC, Jung SM, Lee CC. Probable pathogenesis, diagnosis, and management of untreated arteriovenous malformation with cyst formation: case report and literature review. *Acta Neurol Belg*. 2018 Sep 21. doi: 10.1007/s13760-018-1011-z. [Epub ahead of print] PubMed PMID: 30242732.
- 11: Chung HM, Wang YC, Tseng CC, Chen NF, Wen ZH, Fang LS, Hwang TL, Wu YC, Sung PJ. Natural Product Chemistry of Gorgonian Corals of Genus *Junceella*-Part III. *Mar Drugs*. 2018 Sep 17;16(9). pii: E339. doi: 10.3390/md16090339. Review. PubMed PMID: 30227646; PubMed Central PMCID: PMC6165226.
- 12: Harnod T, Lin CL, Kao CH. Risk and Predisposing Factors for Suicide Attempts in Patients with Migraine and Status Migrainosus: A Nationwide Population-Based Study. *J Clin Med*. 2018 Sep 11;7(9). pii: E269. doi: 10.3390/jcm7090269. PubMed PMID: 30208570; PubMed Central PMCID: PMC6162830.
- 13: Chou YC, Chang MY, Lee HT, Shen CC, Harnod T, Liang YJ, Wu RS, Lai KC, Hsu FT, Chung JG. Phenethyl Isothiocyanate Inhibits In Vivo Growth of Xenograft Tumors of Human Glioblastoma Cells. *Molecules*. 2018 Sep 10;23(9). pii: E2305. doi: 10.3390/molecules23092305. PubMed PMID: 30201893.
- 14: Yang WY, Luo CB, Tsuei YS, Guo WY, Wu HM, Chung WY. A single-institution study of predisposing factors of patients with BAVMs to flow-related aneurysm. *J Formos Med Assoc*. 2018 Sep 5. pii: S0929-6646(18)30334-6. doi: 10.1016/j.jfma.2018.08.016. [Epub ahead of print] PubMed PMID: 30195970.
- 1: Lin SY, Lin CL, Chen DC, Lee HC, Chen HT, Lin TC, Hsu CY, Kao CH. Risk of posterior circulation stroke in patients with cervical spondylosis: A nationwide, population-based study. *Atherosclerosis*. 2018 Aug 17;277:42-46. doi: 10.1016/j.atherosclerosis.2018.08.006. [Epub ahead of print] PubMed PMID: 30172083.
- 2: Liu CC, Ho PC, Lee IT, Chen YA, Chu CH, Teng CC, Wu SN, Sze CI, Chiang MF, Chang NS. WWOX Phosphorylation, Signaling, and Role in Neurodegeneration. *Front Neurosci*. 2018 Aug 15;12:563. doi: 10.3389/fnins.2018.00563. eCollection 2018. Review. PubMed PMID: 30158849; PubMed Central PMCID: PMC6104168.
- 3: Li PC, Tsai IJ, Hsu CY, Wang JH, Lin SZ, Ding DC, Sung FC. Risk of Hyperlipidemia in Women with Hysterectomy-A Retrospective Cohort Study in Taiwan. *Sci Rep*. 2018 Aug 28;8(1):12956. doi: 10.1038/s41598-018-31347-z. PubMed PMID: 30154502.
- 4: Lee TM, Chang NC, Lin SZ. Effect of proton pump inhibitors on sympathetic hyperinnervation in infarcted rats: Role of magnesium. *PLoS One*. 2018 Aug 28;13(8):e0202979. doi: 10.1371/journal.pone.0202979. eCollection 2018. PubMed PMID: 30153299.
- 5: Hsu PH, Lin YT, Chung YH, Lin KJ, Yang LY, Yen TC, Liu HL. Focused Ultrasound-Induced Blood-Brain Barrier Opening Enhances GSK-3 Inhibitor Delivery for Amyloid-Beta Plaque Reduction. *Sci Rep*. 2018 Aug 27;8(1):12882. doi: 10.1038/s41598-018-31071-8. PubMed PMID: 30150769; PubMed Central PMCID: PMC6110796.
- 6: Yang DH, Yang MY. Scrotal Pyoderma Gangrenosum Associated with Evans Syndrome. *J Clin Med*. 2018 Aug 22;7(9). pii: E230. doi: 10.3390/jcm7090230. PubMed PMID: 30131462.

- 7: Sheu ML, Chiang CY, Su HL, Chen CJ, Sheehan J, Pan HC. Intrathecal Injection of Dual Zipper Kinase shRNA Alleviating the Neuropathic Pain in a Chronic Constrictive Nerve Injury Model. *Int J Mol Sci*. 2018 Aug 16;19(8). pii: E2421. doi: 10.3390/ijms19082421. PubMed PMID: 30115872.
- 8: Chiu CW, Huang WH, Kuo HS, Tsai MJ, Chen CJ, Lee MJ, Cheng H. Local inhibition of matrix metalloproteinases reduced M2 macrophage activity and impeded recovery in spinal cord transected rats after treatment with fibroblast growth factor-1 and nerve grafts. *Neural Regen Res*. 2018 Aug;13(8):1447-1454. doi: 10.4103/1673-5374.235302. PubMed PMID: 30106058.
- 9: Chiu CD, Chiu YP, Lin CL, Ji HR, Shen CC, Lee HT, Chang C. Acetazolamide alleviates sequelae of hyperglycemic intracerebral hemorrhage by suppressing astrocytic reactive oxygen species. *Free Radic Res*. 2018 Aug 6:1-11. doi: 10.1080/10715762.2018.1508838. [Epub ahead of print] PubMed PMID: 30079794.
- 10: Harnod T, Lin CL, Kao CH. Survival outcome and mortality rate in patients with migraine: a population-based cohort study. *J Headache Pain*. 2018 Jul 25;19(1):57. doi: 10.1186/s10194-018-0889-4. PubMed PMID: 30046928; PubMed Central PMCID: PMC6060184.
- 11: Lee KC, Hsu WH, Chou PH, Yiin JJ, Muo CH, Lin YP. Estimating the survival of elderly patients diagnosed with dementia in Taiwan: A longitudinal study. *PLoS One*. 2018 Jul 25;13(7):e0178997. doi: 10.1371/journal.pone.0178997. eCollection 2018. PubMed PMID: 30044781; PubMed Central PMCID: PMC6059383.
- 12: Wang M, Saw HP, Cui FF, Lin SY, Chang HT, Chiu CD. pLG72 induces superoxide radicals via interaction and aggregation with SOD1. *Free Radic Res*. 2018 Jul 23:1-11. doi: 10.1080/10715762.2018.1504293. [Epub ahead of print] PubMed PMID: 30037290.
- 13: Saw HP, Chiu CD, Chiu YP, Ji HR, Chen JY. Nebulized salbutamol diminish the blood glucose fluctuation in the treatment of non-oliguric hyperkalemia of premature infants. *J Chin Med Assoc*. 2018 Jul 19. pii: S1726-4901(18)30164-3. doi: 10.1016/j.jcma.2018.04.002. [Epub ahead of print] PubMed PMID: 30031693.
- 14: Hsiao SH, Murakami M, Yeh N, Li YQ, Hung TH, Wu YS, Ambudkar SV, Wu CP. The positive inotropic agent DPI-201106 selectively reverses ABCB1-mediated multidrug resistance in cancer cell lines. *Cancer Lett*. 2018 Oct 10;434:81-90. doi: 10.1016/j.canlet.2018.07.022. Epub 2018 Jul 18. PubMed PMID: 30031116; PubMed Central PMCID: PMC6109596.
- 15: Wu CP, Hsieh YJ, Murakami M, Vahedi S, Hsiao SH, Yeh N, Chou AW, Li YQ, Wu YS, Yu JS, Ambudkar SV. Human ATP-binding cassette transporters ABCB1 and ABCG2 confer resistance to histone deacetylase 6 inhibitor ricolinostat (ACY-1215) in cancer cell lines. *Biochem Pharmacol*. 2018 Jul 17;155:316-325. doi: 10.1016/j.bcp.2018.07.018. [Epub ahead of print] PubMed PMID: 30028995.
- 16: Wu CP, Murakami M, Hsiao SH, Liu TC, Yeh N, Li YQ, Hung TH, Wu YS, Ambudkar SV. SIS3, a specific inhibitor of Smad3 reverses ABCB1- and ABCG2-mediated multidrug resistance in cancer cell lines. *Cancer Lett*. 2018 Oct 1;433:259-272. doi: 10.1016/j.canlet.2018.07.004. Epub 2018 Jul 6. PubMed PMID: 30026175; PubMed Central PMCID: PMC6084781.
- 17: Chen X, Lin CL, Su YC, Chen KF, Lai SW, Wei ST, Peng CT, Chiu CD, Shieh SH, Chen CC. Risk of subsequent stroke, with or without extracranial-intracranial bypass surgery: a nationwide, retrospective, population-based study. *J Neurosurg*. 2018 Jun 1:1-8. doi: 10.3171/2017.12.JNS172178. [Epub ahead of print] PubMed PMID: 29999468.
- 18: Lin TJ, Guo YL, Hsu JC, Wang IJ. 2-Naphthol Levels and Allergic Disorders in Children. *Int J Environ*

Res Public Health. 2018 Jul 9;15(7). pii: E1449. doi: 10.3390/ijerph15071449. PubMed PMID: 29987264; PubMed Central PMCID: PMC6069002.

19: Chu D, Yen YF, Hu HY, Lai YJ, Sun WJ, Ko MC, Huang LY, Chen CC, Curtis JR, Lee YL, Huang SJ. Factors associated with advance directives completion among patients with advance care planning communication in Taipei, Taiwan. PLoS One. 2018 Jul 6;13(7):e0197552. doi: 10.1371/journal.pone.0197552. eCollection 2018. PubMed PMID: 29979678; PubMed Central PMCID: PMC6034783.

20: Cheng CK, Tsao YC, Su YC, Sung FC, Tai HC, Kung WM. Metabolic Risk Factors of Alzheimer's Disease, Dementia with Lewy Bodies, and Normal Elderly: A Population-Based Study. Behav Neurol. 2018 Jun 3;2018:8312346. doi: 10.1155/2018/8312346. eCollection 2018. PubMed PMID: 29971140; PubMed Central PMCID: PMC6008802.

21: Hsueh KC, Lin CL, Tung JN, Yang SF, Hsieh YH. Nimbolide induced apoptosis by activating ERK-mediated inhibition of c-IAP1 expression in human hepatocellular carcinoma cells. Environ Toxicol. 2018 Sep;33(9):913-922. doi: 10.1002/tox.22576. Epub 2018 Jul 2. PubMed PMID: 29962003.

22: Zucchi E, Lu CH, Cho Y, Chang R, Adiutori R, Zubiri I, Ceroni M, Cereda C, Pansarasa O, Greensmith L, Malaspina A, Petzold A. A motor neuron strategy to save time and energy in neurodegeneration: adaptive protein stoichiometry. J Neurochem. 2018 Jun 30. doi: 10.1111/jnc.14542. [Epub ahead of print] PubMed PMID: 29959860.

23: Ding DC, Tsai IJ, Hsu CY, Wang JH, Lin SZ, Sung FC. Risk of hypertension after hysterectomy: a population-based study. BJOG. 2018 Jun 28. doi: 10.1111/1471-0528.15389. [Epub ahead of print] PubMed PMID: 29953717.

24: Shen CC, You WC, Sun MH, Lee SD, Tsou HK, Chen YJ, Sheu ML, Sheehan J, Pan HC. Outcome of partially irradiated recurrent nonfunctioning pituitary macroadenoma by gamma knife radiosurgery. J Neurooncol. 2018 Jun 13. doi: 10.1007/s11060-018-2925-2. [Epub ahead of print] PubMed PMID: 29948768.

25: Luo CB, Tsuei YS, Chang FC, Ting TW. Verification of bleeding points in carotid blowout syndrome using guidewire manipulation. Neuroradiology. 2018 Aug;60(8):835-841. doi: 10.1007/s00234-018-2044-y. Epub 2018 Jun 11. PubMed PMID: 29947941.

26: Su HL, Chiang CY, Lu ZH, Cheng FC, Chen CJ, Sheu ML, Sheehan J, Pan HC. Late administration of high-frequency electrical stimulation increases nerve regeneration without aggravating neuropathic pain in a nerve crush injury. BMC Neurosci. 2018 Jun 25;19(1):37. doi: 10.1186/s12868-018-0437-9. PubMed PMID: 29940857; PubMed Central PMCID: PMC6020201.

27: Ku PW, Steptoe A, Lai YJ, Hu HY, Chu D, Yen YF, Liao Y, Chen LJ. The Associations between Near Visual Activity and Incident Myopia in Children: A Nationwide 4-Year Follow-up Study. Ophthalmology. 2018 Jun 19. pii: S0161-6420(17)33464-4. doi: 10.1016/j.ophtha.2018.05.010. [Epub ahead of print] PubMed PMID: 29934268.

28: Jan CI, Tsai WC, Harn HJ, Shyu WC, Liu MC, Lu HM, Chiu SC, Cho DY. Predictors of Response to Autologous Dendritic Cell Therapy in Glioblastoma Multiforme. Front Immunol. 2018 May 29;9:727. doi: 10.3389/fimmu.2018.00727. eCollection 2018. PubMed PMID: 29910795; PubMed Central PMCID: PMC5992384.

29: Cheng WY, Shen CC, Chiao MT, Liang YJ, Mao TF, Liu BS, Chen JP. High expression of a novel splicing variant of VEGF, L-VEGF144 in glioblastoma multiforme is associated with a poorer prognosis

in bevacizumab treatment. *J Neurooncol*. 2018 Jun 16. doi: 10.1007/s11060-018-2928-z. [Epub ahead of print] PubMed PMID: 29909500.

30: Chang CY, Ting HC, Liu CA, Su HL, Chiou TW, Harn HJ, Lin SZ. Induced Pluripotent Stem Cells: A Powerful Neurodegenerative Disease Modeling Tool for Mechanism Study and Drug Discovery. *Cell Transplant*. 2018 Jan 1;963689718775406. doi: 10.1177/0963689718775406. [Epub ahead of print] PubMed PMID: 29890847.

31: Yang CA, Chou IC, Cho DY, Lin CY, Huang HY, Ho YC, Liu TY, Li YH, Chang JG. Whole exome sequencing in Dandy-Walker variant with intellectual disability reveals an activating CIP2A mutation as novel genetic cause. *Neurogenetics*. 2018 Aug;19(3):157-163. doi: 10.1007/s10048-018-0548-6. Epub 2018 May 30. PubMed PMID: 29846820.

32: Lee CW, Hsu LF, Lee MH, Lee IT, Liu JF, Chiang YC, Tsai MH. Extracts of *Artocarpus communis* Induce Mitochondria-Associated Apoptosis via Pro-oxidative Activity in Human Glioblastoma Cells. *Front Pharmacol*. 2018 May 2;9:411. doi: 10.3389/fphar.2018.00411. eCollection 2018. PubMed PMID: 29770114; PubMed Central PMCID: PMC5941989.

33: Fan HC, Chi CS, Lee YJ, Tsai JD, Lin SZ, Harn HJ. The Role of Gene Editing in Neurodegenerative Diseases. *Cell Transplant*. 2018 Mar;27(3):364-378. doi: 10.1177/0963689717753378. Epub 2018 May 16. PubMed PMID: 29766738; PubMed Central PMCID: PMC6038035.

34: Chi K, Fu RH, Huang YC, Chen SY, Hsu CJ, Lin SZ, Tu CT, Chang LH, Wu PA, Liu SP. Adipose-derived Stem Cells Stimulated with n-Butylidenephthalide Exhibit Therapeutic Effects in a Mouse Model of Parkinson's Disease. *Cell Transplant*. 2018 Mar;27(3):456-470. doi: 10.1177/0963689718757408. Epub 2018 May 14. PubMed PMID: 29756519; PubMed Central PMCID: PMC6038049.

35: Chin JP, Chen CM, Lee TH, Chou CW, Lu CY. *Angiostrongylus Cantonensis*-Conditioned Culture Medium Induces Myelin Basic Protein Alterations via Erk1/2 and NF- κ B Activation in Rat RSC96 Schwann Cells. *Chin J Physiol*. 2018 Jun 30;61(3):137-143. doi: 10.4077/CJP.2018.BAG544. PubMed PMID: 29742816.

36: Su CH, Li TC, Cho DY, Ma WF, Chang YS, Lee TH, Huang LC. Effectiveness of a computerised system of patient education in clinical practice: a longitudinal nested cohort study. *BMJ Open*. 2018 May 3;8(5):e020621. doi: 10.1136/bmjopen-2017-020621. PubMed PMID: 29724740; PubMed Central PMCID: PMC5942434.

37: Fan JR, Lee HT, Lee W, Lin CH, Hsu CY, Hsieh CH, Shyu WC. Potential role of CBX7 in regulating pluripotency of adult human pluripotent-like olfactory stem cells in stroke model. *Cell Death Dis*. 2018 May 1;9(5):502. doi: 10.1038/s41419-018-0519-8. PubMed PMID: 29717132; PubMed Central PMCID: PMC5931587.

38: Lee SC, Hu CK, Hung JH, Yang AC, Tsai SJ, Huang MW, Hu LY, Shen CC. Risk of sexual transmitted infection following bipolar disorder: a nationwide population-based cohort study. *Oncotarget*. 2018 Apr 3;9(25):17533-17542. doi: 10.18632/oncotarget.24780. eCollection 2018 Apr 3. PubMed PMID: 29707127; PubMed Central PMCID: PMC5915135.

39: Hsu SPC, Liao CH. Virtual Line Between Anterior Clinoid Process and Tuberculum Sellae on 3-Dimensional Computed Tomography Angiography to Differentiate Cavernous Sinus Aneurysms from Intradural Aneurysms. *World Neurosurg*. 2018 May;113:373. doi: 10.1016/j.wneu.2017.12.039. PubMed PMID: 29702946.

40: Chou CH, Yang MC, Hsiao BX, Wang YH, Liu HF, Chiou SJ, Chuang YC, Yang CN, Lieu AS, Loh JK,

- Howng SL, Chou AK, Tseng CN, Cheng JT, Hong YR. The origin of GSKIP, a multifaceted regulatory factor in the mammalian Wnt pathway. *Biochim Biophys Acta*. 2018 Aug;1865(8):1046-1059. doi: 10.1016/j.bbamcr.2018.04.008. Epub 2018 Apr 23. PubMed PMID: 29694914.
- 41: Lin JG, Lin SZ, Lin LH, Wu CC, Tsai WT, Harn HJ, Su LH, Ho WY, Hsieh CJ, Ho TJ. Effects of Moxibustion on the Levels of Insulin-Like Growth Factor 1: A Pilot Study. *Cell Transplant*. 2018 Mar;27(3):551-556. doi: 10.1177/0963689717724795. Epub 2018 Apr 25. PubMed PMID: 29692183; PubMed Central PMCID: PMC6038048.
- 42: Xu Z, Mathieu D, Heroux F, Abbassy M, Barnett G, Mohammadi AM, Kano H, Caruso J, Shih HH, Grills IS, Lee K, Krishnan S, Kaufmann AM, Lee JYK, Alonso-Basanta M, Kerr M, Pierce J, Kondziolka D, Hess JA, Gerrard J, Chiang V, Lunsford LD, Sheehan JP. Stereotactic Radiosurgery for Trigeminal Neuralgia in Patients With Multiple Sclerosis: A Multicenter Study. *Neurosurgery*. 2018 Apr 23. doi: 10.1093/neuros/nyy142. [Epub ahead of print] PubMed PMID: 29688562.
- 43: Liu CW, Lin YC, Hung CM, Liu BL, Kuo SC, Ho CT, Way TD, Hung CH. CHM-1, a novel microtubule-destabilizing agent exhibits antitumor activity via inducing the expression of SIRT2 in human breast cancer cells. *Chem Biol Interact*. 2018 Jun 1;289:98-108. doi: 10.1016/j.cbi.2018.04.007. Epub 2018 Apr 18. PubMed PMID: 29679549.
- 44: Chen YJ, Cheng FC, Chen CJ, Su HL, Sheu ML, Sheehan J, Pan HC. Down-Regulated Expression of Magnesium Transporter Genes Following a High Magnesium Diet Attenuates Sciatic Nerve Crush Injury. *Neurosurgery*. 2018 Apr 17. doi: 10.1093/neuros/nyy120. [Epub ahead of print] PubMed PMID: 29672725.
- 45: Ding DC, Tsai IJ, Hsu CY, Wang JH, Lin SZ. Hysterectomy is associated with higher risk of coronary artery disease: A nationwide retrospective cohort study in Taiwan. *Medicine (Baltimore)*. 2018 Apr;97(16):e0421. doi: 10.1097/MD.00000000000010421. PubMed PMID: 29668602; PubMed Central PMCID: PMC5916687.
- 46: Hung KC, Lin ML, Hsu SW, Lee CC, Huang RY, Wu TS, Chen SS. Suppression of Akt-mediated HDAC3 expression and CDK2 T39 phosphorylation by a bichalcone analog contributes to S phase retardation of cancer cells. *Eur J Pharmacol*. 2018 Jun 15;829:141-150. doi: 10.1016/j.ejphar.2018.04.017. Epub 2018 Apr 14. PubMed PMID: 29665367.
- 47: Liu SJ, Yang TC, Yang ST, Chen YC, Tseng YY. Biodegradable hybrid-structured nanofibrous membrane supported chemoprotective gene therapy enhances chemotherapy tolerance and efficacy in malignant glioma rats. *Artif Cells Nanomed Biotechnol*. 2018 Apr 16:1-12. doi: 10.1080/21691401.2018.1460374. [Epub ahead of print] PubMed PMID: 29658349.
- 48: Liu CA, Chang CY, Hsueh KW, Su HL, Chiou TW, Lin SZ, Harn HJ. Migration/Invasion of Malignant Gliomas and Implications for Therapeutic Treatment. *Int J Mol Sci*. 2018 Apr 8;19(4). pii: E1115. doi: 10.3390/ijms19041115. Review. PubMed PMID: 29642503; PubMed Central PMCID: PMC5979613.
- 49: Chen SL, Fu RH, Liao SF, Liu SP, Lin SZ, Wang YC. A PEG-Based Hydrogel for Effective Wound Care Management. *Cell Transplant*. 2018 Feb;27(2):275-284. doi: 10.1177/0963689717749032. PubMed PMID: 29637814; PubMed Central PMCID: PMC5898694.
- 50: Chen CM, Wu CT, Yang TH, Liu SH, Yang FY. Preventive Effect of Low Intensity Pulsed Ultrasound against Experimental Cerebral Ischemia/Reperfusion Injury via Apoptosis Reduction and Brain-derived Neurotrophic Factor Induction. *Sci Rep*. 2018 Apr 3;8(1):5568. doi: 10.1038/s41598-018-23929-8. PubMed PMID: 29615782; PubMed Central PMCID: PMC5882812.

- 51: Liao CH, Wang JT, Lin CF, Chen SC, Lin CJ, Hsu SPC, Chen MH. Pretemporal trans-Meckel's cave transtentorial approach for large petroclival meningiomas. *Neurosurg Focus*. 2018 Apr;44(4):E10. doi: 10.3171/2018.1.FOCUS17733. PubMed PMID: 29606050.
- 52: Lin CL, Lee CH, Chen CM, Cheng CW, Chen PN, Ying TH, Hsieh YH. Protodioscin Induces Apoptosis Through ROS-Mediated Endoplasmic Reticulum Stress via the JNK/p38 Activation Pathways in Human Cervical Cancer Cells. *Cell Physiol Biochem*. 2018;46(1):322-334. doi: 10.1159/000488433. Epub 2018 Mar 22. PubMed PMID: 29590661.
- 53: Chou W, Liu YF, Lin CH, Lin MT, Chen CC, Liu WP, Chang CP, Chio CC. Exercise Rehabilitation Attenuates Cognitive Deficits in Rats with Traumatic Brain Injury by Stimulating the Cerebral HSP20/BDNF/TrkB Signalling Axis. *Mol Neurobiol*. 2018 Mar 25. doi: 10.1007/s12035-018-1011-2. [Epub ahead of print] PubMed PMID: 29574629.
- 54: Tsai MS, Wang YH, Lai YY, Tsou HK, Liou GG, Ko JL, Wang SH. Kaempferol protects against propacetamol-induced acute liver injury through CYP2E1 inactivation, UGT1A1 activation, and attenuation of oxidative stress, inflammation and apoptosis in mice. *Toxicol Lett*. 2018 Jun 15;290:97-109. doi: 10.1016/j.toxlet.2018.03.024. Epub 2018 Mar 21. PubMed PMID: 29574133.
- 55: Wei CC, Sheu JN, Liu JT, Yang SH, Chou IC, Tsai JD. Trend of seizure remission in patients with tuberous sclerosis complex: A retrospective medical review. *J Chin Med Assoc*. 2018 Aug;81(8):724-728. doi: 10.1016/j.jcma.2018.02.001. Epub 2018 Mar 15. PubMed PMID: 29551484.
- 56: Cheng CH, Chuang HY, Lin HL, Liu CL, Yao CH. Surgical results of cranioplasty using three-dimensional printing technology. *Clin Neurol Neurosurg*. 2018 May;168:118-123. doi: 10.1016/j.clineuro.2018.03.004. Epub 2018 Mar 9. PubMed PMID: 29549811.
- 57: Lin SY, Chen DC, Lin CL, Lee HC, Lin TC, Wang IK, Hsu CY, Kao CH. Risk of acute coronary syndrome in patients with cervical spondylosis. *Atherosclerosis*. 2018 Apr;271:136-141. doi: 10.1016/j.atherosclerosis.2018.02.029. Epub 2018 Mar 2. PubMed PMID: 29518745.
- 58: Ding DC, Tsai IJ, Wang JH, Lin SZ, Sung FC. Coronary artery disease risk in young women with polycystic ovary syndrome. *Oncotarget*. 2018 Jan 4;9(9):8756-8764. doi: 10.18632/oncotarget.23985. eCollection 2018 Feb 2. PubMed PMID: 29492235; PubMed Central PMCID: PMC5823557.
- 59: Chou AK, Chiu CC, Han MM, Chen YW, Wang JJ, Hung CH. Intrathecal pramoxine causes long-lasting spinal sensory and motor block in rats. *J Pharm Pharmacol*. 2018 Apr;70(4):543-549. doi: 10.1111/jphp.12894. Epub 2018 Feb 13. PubMed PMID: 29441574.
- 60: Yen YF, Hu HY, Lee YL, Ku PW, Ko MC, Chuang PH, Lai YJ, Chu D. Sexual inequality in incident tuberculosis: a cohort study in Taiwan. *BMJ Open*. 2018 Feb 6;8(2):e020142. doi: 10.1136/bmjopen-2017-020142. PubMed PMID: 29437757; PubMed Central PMCID: PMC5829922.
- 61: Tung JN, Lin PL, Wang YC, Wu DW, Chen CY, Lee H. PD-L1 confers resistance to EGFR mutation-independent tyrosine kinase inhibitors in non-small cell lung cancer via upregulation of YAP1 expression. *Oncotarget*. 2017 Dec 8;9(4):4637-4646. doi: 10.18632/oncotarget.23161. eCollection 2018 Jan 12. PubMed PMID: 29435131; PubMed Central PMCID: PMC5797002.
- 62: Tsuei YS, Chou YE, Chen WH, Luo CB, Yang SF. Polymorphism in dural arteriovenous fistula: matrix metalloproteinase-2-1306 C/T as a potential risk factor for sinus thrombosis. *J Thromb Haemost*. 2018 Apr;16(4):802-808. doi: 10.1111/jth.13973. Epub 2018 Mar 25. PubMed PMID: 29431912.
- 63: Lu HE, Yang YP, Chen YT, Wu YR, Wang CL, Tsai FT, Hwang DK, Lin TC, Chen SJ, Wang AG, Hsieh

PCH, Chiou SH. Generation of patient-specific induced pluripotent stem cells from Leber's hereditary optic neuropathy. *Stem Cell Res.* 2018 Apr;28:56-60. doi: 10.1016/j.scr.2018.01.029. Epub 2018 Jan 31. PubMed PMID: 29427840.

64: Sung PH, Lee FY, Lin LC, Chen KH, Lin HS, Shao PL, Li YC, Chen YL, Lin KC, Yuen CM, Chang HW, Lee MS, Yip HK. Melatonin attenuated brain death tissue extract-induced cardiac damage by suppressing DAMP signaling. *Oncotarget.* 2017 Dec 12;9(3):3531-3548. doi: 10.18632/oncotarget.23180. eCollection 2018 Jan 9. PubMed PMID: 29423064; PubMed Central PMCID: PMC5790481.

65: Lin TJ, Karmaus WJJ, Chen ML, Hsu JC, Wang IJ. Interactions Between Bisphenol A Exposure and GSTP1 Polymorphisms in Childhood Asthma. *Allergy Asthma Immunol Res.* 2018 Mar;10(2):172-179. doi: 10.4168/aaair.2018.10.2.172. PubMed PMID: 29411558; PubMed Central PMCID: PMC5809766.

66: Harnod T, Lin CL, Kao CH. Prevalence of suicide attempts and their risk factors in school-aged patients with epilepsy: a population-based study. *Eur Child Adolesc Psychiatry.* 2018 Aug;27(8):1047-1053. doi: 10.1007/s00787-018-1118-z. Epub 2018 Feb 2. PubMed PMID: 29396711.

67: Fan HC, Chi CS, Chang YK, Tung MC, Lin SZ, Harn HJ. The Molecular Mechanisms of Plant-Derived Compounds Targeting Brain Cancer. *Int J Mol Sci.* 2018 Jan 30;19(2). pii: E395. doi: 10.3390/ijms19020395. Review. PubMed PMID: 29385679; PubMed Central PMCID: PMC5855617.

68: Ting HC, Chang CY, Lu KY, Chuang HM, Tsai SF, Huang MH, Liu CA, Lin SZ, Harn HJ. Targeting Cellular Stress Mechanisms and Metabolic Homeostasis by Chinese Herbal Drugs for Neuroprotection. *Molecules.* 2018 Jan 28;23(2). pii: E259. doi: 10.3390/molecules23020259. Review. PubMed PMID: 29382106.

69: Liu JT, Su CH, Chen SY, Liew SJ, Chang CS. Spinal Cord Stimulation Improves the Microvascular Perfusion Insufficiency Caused by Critical Limb Ischemia. *Neuromodulation.* 2018 Jul;21(5):489-494. doi: 10.1111/ner.12753. Epub 2018 Jan 26. PubMed PMID: 29377343.

70: Wu YR, Wang AG, Chen YT, Yarmishyn AA, Buddhakosai W, Yang TC, Hwang DK, Yang YP, Shen CN, Lee HC, Chiou SH, Peng CH, Chen SJ. Bioactivity and gene expression profiles of hiPSC-generated retinal ganglion cells in MT-ND4 mutated Leber's hereditary optic neuropathy. *Exp Cell Res.* 2018 Feb 15;363(2):299-309. doi: 10.1016/j.yexcr.2018.01.020. PubMed PMID: 29366807.

71: Chen YW, Hsieh SC, Yang YC, Hsu SH, Kung ML, Lin PY, Hsieh HH, Lin CH, Tang CM, Hung HS. Functional engineered mesenchymal stem cells with fibronectin-gold composite coated catheters for vascular tissue regeneration. *Nanomedicine.* 2018 Apr;14(3):699-711. doi: 10.1016/j.nano.2017.12.023. Epub 2018 Jan 8. PubMed PMID: 29325741.

72: Harnod T, Lin CL, Kao CH. Risk of Suicide Attempt in Poststroke Patients: A Population-Based Cohort Study. *J Am Heart Assoc.* 2018 Jan 10;7(2). pii: e007830. doi: 10.1161/JAHA.117.007830. PubMed PMID: 29321162; PubMed Central PMCID: PMC5850170.

73: Chen VC, Yang YH, Kuo TY, Huang KY, Huang YC, Lee Y, McIntyre RS, Huang YS, Hsu CY. Increased Incidence of Obstructive Sleep Apnea in Hospitalized Children After Enterovirus Infection: A Nationwide Population-based Cohort Study. *Pediatr Infect Dis J.* 2018 Sep;37(9):872-879. doi: 10.1097/INF.0000000000001892. PubMed PMID: 29315158.

74: Harnod T, Lin CL, Kao CH. Evaluating clinical risk factors for suicide attempts in patients with epilepsy. *J Affect Disord.* 2018 Mar 15;229:79-84. doi: 10.1016/j.jad.2017.12.048. Epub 2017 Dec 29. PubMed PMID: 29306696.

- 75: Hsu HT, Hsing MT, Yeh CM, Chen CJ, Yang JS, Yeh KT. Decreased cytoplasmic X-box binding protein-1 expression is associated with poor prognosis and overall survival in patients with oral squamous cell carcinoma. *Clin Chim Acta*. 2018 Apr;479:66-71. doi: 10.1016/j.cca.2018.01.001. Epub 2018 Jan 2. PubMed PMID: 29305191.
- 76: Lai SW, Huang BR, Liu YS, Lin HY, Chen CC, Tsai CF, Lu DY, Lin C. Differential Characterization of Temozolomide-Resistant Human Glioma Cells. *Int J Mol Sci*. 2018 Jan 2;19(1). pii: E127. doi: 10.3390/ijms19010127. PubMed PMID: 29301329; PubMed Central PMCID: PMC5796076.
- 77: Chen CH, Huang HM, Chen DC, Wu CY, Lee HC, Cho DY. Cortical bone trajectory screws fixation in lumbar adjacent segment disease: A technique note with case series. *J Clin Neurosci*. 2018 Feb;48:224-228. doi: 10.1016/j.jocn.2017.11.008. Epub 2017 Dec 6. PubMed PMID: 29208475.
- 78: Tsai CF, Cheng YK, Lu DY, Wang SL, Chang CN, Chang PC, Yeh WL. Inhibition of estrogen receptor reduces connexin 43 expression in breast cancers. *Toxicol Appl Pharmacol*. 2018 Jan 1;338:182-190. doi: 10.1016/j.taap.2017.11.020. Epub 2017 Nov 24. PubMed PMID: 29180066.
- 79: Lin YL, Wu MT, Yang FY. Pharmacokinetics of doxorubicin in glioblastoma multiforme following ultrasound-Induced blood-brain barrier disruption as determined by microdialysis. *J Pharm Biomed Anal*. 2018 Feb 5;149:482-487. doi: 10.1016/j.jpba.2017.11.047. Epub 2017 Nov 21. PubMed PMID: 29175555.
- 80: Yang CC, Tang CL, Tzeng CY, Tsou HK. Metallosis after traumatic loosening of Bryan cervical disc arthroplasty: a case report and literature review. *Eur Spine J*. 2018 Jul;27(Suppl 3):415-420. doi: 10.1007/s00586-017-5397-8. Epub 2017 Nov 21. PubMed PMID: 29164328.
- 81: Lee CH, Liu JT, Lin SC, Hsu TY, Lin CY, Lin LY. Effects of Educational Intervention on State Anxiety and Pain in People Undergoing Spinal Surgery: A Randomized Controlled Trial. *Pain Manag Nurs*. 2018 Apr;19(2):163-171. doi: 10.1016/j.pmn.2017.08.004. Epub 2017 Nov 15. PubMed PMID: 29153299.
- 82: Lee TM, Lin SZ, Chang NC. Nicorandil regulates the macrophage skewing and ameliorates myofibroblasts by inhibition of RhoA/Rho-kinase signalling in infarcted rats. *J Cell Mol Med*. 2018 Feb;22(2):1056-1069. doi: 10.1111/jcmm.13130. Epub 2017 Nov 9. PubMed PMID: 29119680; PubMed Central PMCID: PMC5783972.
- 83: Chang CS, Huang CW, Chou HH, Lin LY, Huang CF. Outcome of Gamma Knife radiosurgery for trigeminal neuralgia associated with neurovascular compression. *J Clin Neurosci*. 2018 Jan;47:174-177. doi: 10.1016/j.jocn.2017.09.016. Epub 2017 Oct 23. PubMed PMID: 29074316.
- 84: Tsuei YS, Liao CH, Lee CH, Liang YJ, Chen WH, Yang SF. Intraprocedural arterial perforation during neuroendovascular therapy: Preliminary result of a dual-trained endovascular neurosurgeon in the neurosurgical hybrid operating room. *J Chin Med Assoc*. 2018 Jan;81(1):31-36. doi: 10.1016/j.jcma.2017.05.012. Epub 2017 Oct 21. PubMed PMID: 29033375.
- 85: Huang CW, Tu HT, Chuang CY, Chang CS, Chou HH, Lee MT, Huang CF. Gamma Knife radiosurgery for large vestibular schwannomas greater than 3 cm in diameter. *J Neurosurg*. 2018 May;128(5):1380-1387. doi: 10.3171/2016.12.JNS161530. Epub 2017 Jul 14. PubMed PMID: 28707997.
- 86: Luh HT, Huang AP, Yang SH, Chen CM, Cho DY, Chen CC, Kuo LT, Li CH, Wang KC, Tseng WL, Hsing MT, Yang BS, Lai DM, Tsai JC. Local hemostatic matrix for endoscope-assisted removal of intracerebral hemorrhage is safe and effective. *J Formos Med Assoc*. 2018 Jan;117(1):63-70. doi: 10.1016/j.jfma.2017.02.016. Epub 2017 Mar 23. PubMed PMID: 28343893.

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