

NHRI Publication _ Jan 2018

Institute of Biomedical Engineering and Nanomedicine

1. Chou, CY; Chang, WI; Horng, TL; Lin, WL. [Numerical modeling of nanodrug distribution in tumors with heterogeneous vasculature](#). *PLoS ONE*. 2017 Dec 29; 12(12): Article number e0189802.
2. Wu, YT; Chen, HY; Liao, YH; Kuo, LW; Lee, CC. [Modeling perceivers neural-responses using lobe-dependent convolutional neural network to improve speech emotion recognition](#). *Proceedings of the Annual Conference of the International Speech Communication Association, INTERSPEECH*. 2017 Aug; 2017-August: 3261-3265.
3. Chung, TH; Hsu, SC; Wu, SH; Hsiao, JK; Lin, CP; Yao, M; Huang, DM. [Dextran-coated iron oxide nanoparticle-improved therapeutic effects of human mesenchymal stem cells in a mouse model of Parkinson's disease](#). *Nanoscale*. 2018 Jan 26; Article in Press.
4. Wang, CY; Sun, YT; Fang, KM; Ho, CH; Yang, CS; Tzeng, SF. [Function of B-Cell CLL/Lymphoma 11B in glial progenitor proliferation and oligodendrocyte maturation](#). *Frontiers in Molecular Neuroscience*. 2018 Jan; 11: Article number 4.
5. Tan, MJ; Pan, HC; Tan, HR; Chai, JW; Lim, QF; Wong, TI; Zhou, X; Hong, ZY; Liao, LD; Kong, KV. [Flexible modulation of CO-Release using various nuclearity of metal carbonyl clusters on graphene oxide for stroke remediation](#). *Advanced Healthcare Materials*. 2018 Jan 12; Article in Press.
6. Lai, YL; Lin, YY; Sadhasivam, S; Kuan, CY; Chi, CY; Dong, GC; Lin, FH. [Efficacy of Bletilla striata polysaccharide on hydrogen peroxide-induced apoptosis of osteoarthritic chondrocytes](#). *Journal of Polymer Research*. 2018 Feb; 25: Article number 591.

Institute of Biotechnology and Pharmaceutical Research

1. Chou, YT; Hsu, FF; Hu, DY; Chen, YC; Hsu, YH; Hsu, JT; Chau, LY. [Identification of danthron as an isoform-specific inhibitor of HEME OXYGENASE-1/cytochrome P450 reductase interaction with anti-tumor activity](#). *Journal of Biomedical Science*. 2018 Jan 23; 25: Article number 6.

Institute of Cellular and Systems Medicine

1. Yang, TL; Lee, PL; Lee, DY; Wang, WL; Wei, SY; Lee, CI; Chiu, JJ. [Differential regulations of fibronectin and laminin in Smad2 activation in vascular endothelial cells in response to disturbed flow](#). *Journal of Biomedical Science*. 2018 Jan 2; 25(1): Article number 1.

Institute of Molecular and Genomic Medicine

1. Chou, YT; Jiang, JK; Yang, MH; Lu, JW; Lin, HK; Wang, HD; Yuh, CH. [Identification of a noncanonical function for ribose-5-phosphate isomerase A promotes colorectal cancer formation by stabilizing and activating beta-catenin via a novel C-terminal domain](#). *PLoS Biology*. 2018 Jan 16; 16(1): Article number e2003714.
2. Lin, RK; Hung, WY; Huang, YF; Chang, YJ; Lin, CH; Chen, WY; Chiu, SF; Chang, SC; Tsai, SF. [Hypermethylation of BEND5 contributes to cell proliferation and is a prognostic marker of colorectal cancer](#). *Oncotarget*. 2017 Nov 1; 8(69): 113431-113443.
3. Wang, SW. [Similar but not the same, the fission yeast processing bodies](#). *International Journal of Molecular Biology: Open Access*. 2018 Jan 17; 31(1): Article number 00041.

Institute of Population Health Sciences

1. Shrestha, S; Yang, CD; Hong, HC; Chou, CH; Tai, CS; Chiew, MY; Chen, WL; Weng, SL; Chen, CC; Chang, YA; Lee, ML; Huang, WY; Hsu, SD; Chen, YC; Huang, HD. [Integrated microRNA-mRNA analysis reveals miR-204 inhibits cell proliferation in gastric cancer by targeting CKS1B, CXCL1 and GPRC5A](#). *International Journal of Molecular Sciences*. 2018 Dec 28; 19(1): Article number 87.
2. Tsai, MJ; Wang, JR; Yang, CD; Kao, KC; Huang, WL; Huang, HY; Tseng, CP; Huang, HD; Ho, SY. [PredCRP: Predicting and analysing the regulatory roles of CRP from its binding sites in Escherichia coli](#). *Scientific Reports*. 2018 Jan 17; 8: Article number 951.
3. Chang, YC; Hee, SW; Lee, WJ; Li, HY; Chang, TJ; Lin, MW; Hung, YJ; Lee, IT; Hung, KY; Assimes, T; Knowles, JW; Nong, JY; Lee, PC; Chiu, YF; Chuang, LM. [A genome-wide scan for circulating vascular adhesion protein-1 \(VAP-1\) levels: MACROD2 as a potential transcriptional regulator of adipogenesis](#). *Journal of Diabetes Investigation*. 2018 Jan 24; Article in Press.

4. Lin, LN; Chang, LY; Hurng, BS; Wu, CC; Yen, LL; Chang, HY. [Sex differences in sleep patterns and changes in seventh to twelfth graders: A longitudinal follow-up study in Taiwan](#). *Sleep*. 2017 Dec 22; Article in Press.
5. Kuo, KL; Hung, SC; Tseng, WC; Liu, JS; Lin, MH; Hsu, CC; Tarng, DC. [Dipyridamole decreases dialysis risk and improves survival in patients with pre-dialysis advanced chronic kidney disease](#). *Oncotarget*. 2018 Aug 3; 9(4): 5368-5377.
6. Kao, CC; Wu, CH; Lai, CF; Huang, TM; Chen, HH; Wu, VC; Chen, L; Wu, MS; Wu, KD. [Long-term risk of dementia following acute kidney injury: A population-based study](#). *Tzu-Chi Medical Journal*. 2017 Oct-Dec; 29(4): 201-207.
7. Wu, CF; Hsiung, CA; Tsai, HJ; Tsai, YC; Hsieh, HM; Chen, BH; Wu, MT. [Interaction of melamine and di-\(2-ethylhexyl\) phthalate exposure on markers of early renal damage in children: The 2011 Taiwan food scandal](#). *Environmental Pollution*. 2018 Jan 5; 235: 453-461.
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9. Chung, RH; Kang, CY. [A powerful gene-based test accommodating common and low-frequency variants to detect both main effects and gene-gene interaction effects in case-control studies](#). *Frontiers in Genetics*. 2018 Jan; 8: Article number 228.
10. Lin, MY; Li, WM; Huang, CN; Lee, HL; Niu, SW; Chen, LT; Wu, WJ; Hwang, SJ. [Dialysis increases the risk of bladder recurrence in patients with Upper Tract Urothelial Cancer: A population-based study](#). *Annals of Surgical Oncology*. 2018 Jan 12; Article in Press.
11. Chen, CH; Jiang, SS; Chang, IS; Wen, HJ; Sun, CW; Wang, SL. [Association between fetal exposure to phthalate endocrine disruptor and genome-wide DNA methylation at birth](#). *Environmental Research*. 2018 Jan 19; 162: 261-270.
12. Hsu, CC; Hsu, PF; Sung, SH; Tu, ST; Yu, BH; Huang, CJ; Cheng, HM. [Is there a preferred stroke prevention strategy for diabetic patients with non-valvular Atrial Fibrillation? Comparing warfarin, dabigatran and rivaroxaban](#). *Thrombosis and Haemostasis*. 2018 Jan; 118(1): 72-81.
13. Huang, SY; Chang, JR; Liao, YC; Dou, HY; Chuang, MC. [Simultaneous detections of](#)

[genetic fragment and single nucleotide mutation with a three-tiered output for tuberculosis diagnosis](#). *Analytica Chimica Acta*. 2018 May 12; 1007: 1-9.

National Institute of Cancer Research

1. Lin, MY; Li, WM; Huang, CN; Lee, HL; Niu, SW; Chen, LT; Wu, WJ; Hwang, SJ. [Dialysis increases the risk of bladder recurrence in patients with Upper Tract Urothelial Cancer: A population-based study](#). *Annals of Surgical Oncology*. 2018 Jan 12; Article in Press.
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6. Shih, PH; Yeh, CT; Yen, GC. [Anthocyanins multitargeted phytochemicals for age-related neurodegenerative diseases](#). *Recent Advances in Food and Flavor Chemistry: Food Flavors and Encapsulation, Health Benefits, Analytical Methods, and Molecular Biology of Functional Foods*. 2010 Apr: 381-386.
7. Javle, M; Lowery, M; Shroff, RT; Weiss, KH; Springfield, C; Borad, MJ; Ramanathan, RK; Goyal, L; Sadeghi, S; Macarulla, T; El-Khoueiry, A; Kelley, RK; Borbath, I; Choo, SP; Oh, DY; Philip, PA; Chen, LT; Reungwetwattana, T; Van Cutsem, E; Yeh, KH; Ciombor, K; Finn, RS; Patel, A; Sen, S; Porter, D; Isaacs, R; Zhu, AX; Abou-Alfa, GK; Bekaii-Saab, T. [Phase II study of BGJ398 in patients with FGFR-altered advanced cholangiocarcinoma](#). *Journal of Clinical Oncology*. 2018 Jan; 36(3): 276-282.
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National Institute of Infectious Diseases and Vaccinology

1. Kuo, SC; Huang, WC; Huang, TW; Wang, HY; Lai, JF; Chen, TL; Lauderdale, TL. [Molecular epidemiology of emerging blaOXA-23-like and blaOXA-24-like -Carrying Acinetobacter baumannii in Taiwan](#). *Antimicrobial Agents and Chemotherapy*. 2018 Jan 8; Article in Press.
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Center for Neuropsychiatric Research

1. Liu, CC; Fang, CP; Liu, TH; Kuo, HW; Liu, SC; Wang, SC; Chen, ACH; Liu, YL. [APBB2 is associated with amphetamine use and plasma beta-amyloids in patients receiving methadone maintenance treatment](#). *Progress in Neuro-Psychopharmacology and Biological Psychiatry*. 2018 Jan 10; 83: 92-98.

Immunology Research Center

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