

NHRI Publication _ Jan 2019

Institute of Biomedical Engineering and Nanomedicine

1. Sivasubramanian, M; Chuang, YC; Lo, LW. [Evolution of nanoparticle-mediated photodynamic therapy: From superficial to deep-seated cancers](#). *Molecules*. 2019 Jan 31; 24(3): Article number 520.
2. Tsai, WK; Wang, CI; Liao, CH; Yao, CN; Kuo, TJ; Liu, MH; Hsu, CP; Lin, SY; Wu, CY; Pyle, JR; Chen, J; Chan, YH. [Molecular design of near-infrared fluorescent Pdots for tumor targeting: Aggregation-induced emission: Versus anti-aggregation-caused quenching](#). *Chemical science*. 2019 Jan; 10: 198-207.
3. Lin, SY; Lin, CP; Hsieh, TJ; Lin, CF; Chen, SH; Chao, YP; Chen, YS; Hsu, CC; Kuo, LW. [Multiparametric graph theoretical analysis reveals altered structural and functional network topology in Alzheimer's disease](#). *Neuroimage: Clinical*. 2019 Jan 25; 22: Article number 101680.

Institute of Biotechnology and Pharmaceutical Research

1. Lee, JY; Lin, SY; Chuang, YH; Huang, SH; Tseng, YY; Yang, JM; Lin, CY; Wang, HJ; Ieee. [Identification of the PCa28 gene signature as a predictor in prostate cancer](#). *Proceedings 2018 Ieee 18th International Conference on Bioinformatics and Bioengineering*. 2018 Oct: 155-158.
2. Ko, SH; Liao, YJ; Chi, YH; Lai, MJ; Chiang, YP; Lu, CY; Chang, LY; Tarn, WY; Huang, LM. [Interference of DNAJB6/MRJ isoform switch by morpholino inhibits replication of HIV-1 and RSV](#). *Molecular Therapy. Nucleic Acids*. 2019 Mar 1; 14: 251-261.
3. hTian, JN; Wu, RH; Chen, SL; Chen, CT; Yueh, A. [Mutagenesis of the dengue virus NS4A protein reveals a novel cytosolic N-terminal domain responsible for virus-induced cytopathic effects and intramolecular interactions within the N-terminus of NS4A](#). *Journal of General Virology*. 2019 Feb 1; Article in Press.

Institute of Cellular and Systems Medicine

1. Lin, TA; Wu, VC; Wang, CY. [Autophagy in chronic kidney diseases](#). *Cells*. 2019 Jan 16; 8(1): Article number 61.
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3. Chen, JH; Chiu, M; Kao, CY. [Neuroprotective effect of ATM/ATR inhibitor CGK733 on acrylamide-induced inhibition of cytotoxic effects and neurite outgrowth in PC12 cells](#). *Medical Research Archives*. 2018 Nov 15; 6(11): Article number 1866.
4. Lee, GL; Yeh, CC; Wu, JY; Lin, HC; Wang, YF; Kuo, YY; Hsieh, YT; Hsu, YJ; Kuo, CC. [TLR2 promotes vascular smooth muscle cell chondrogenic differentiation and consequent calcification via the concerted actions of osteoprotegerin suppression and IL-6-mediated RANKL induction](#). *Arteriosclerosis, Thrombosis, and Vascular Biology*. 2019 Jan 10; Article in Press.
5. Wu, MC; Cheng, HH; Yeh, TS; Li, YC; Chen, TJ; Sit, WY; Chuu, CP; Kung, HJ; Chien, S; Wang, WC. [KDM4B is a coactivator of c-Jun and involved in gastric carcinogenesis](#). *Cell Death and Disease*. 2019 Jan 25; 10(2): Article number 68.
6. Lin, YT; Liang, SM; Wu, YJ; Wu, YJ; Lu, YJ; Jan, YJ; Ko, BS; Chuang, YJ; Shyue, SK; Kuo, CC; Liou, JY. [Cordycepin suppresses endothelial cell proliferation, migration, angiogenesis, and tumor growth by regulating focal adhesion kinase and p53](#). *Cancers*. 2019 Feb 1; 11(2): Article number 168.
7. Ho, CC; Wu, WT; Chen, YC; Liou, SH; Yet, SF; Lee, CH; Tsai, HT; Weng, CY; Tsai, MH; Lin, P. [Identification of osteopontin as a biomarker of human exposure to fine particulate matter](#). *Environmental Pollution*. 2019 Feb; 245: 975-985.
8. Lin, TC; Kuo, CC; Wu, CY; Yeh, KW; Kuo, ML; Huang, JL. [The role of 5-methoxytryptophan in pediatric-onset lupus nephritis: A retrospective cohort study](#). *Journal of Microbiology, Immunology and Infection*. 2019 Jan; Article in Press.

Institute of Molecular and Genomic Medicine

1. Wu, JI; Wang, LH. [Emerging roles of gap junction proteins connexins in cancer metastasis, chemoresistance and clinical application](#). *Journal of Biomedical Science*. 2019 Jan; 26: Article number 8.
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3. Lai, HH; Li, CW; Hong, CC; Sun, HY; Chiu, CF; Ou, DL; Chen, PS. [TARBP2-mediated destabilization of Nanog overcomes sorafenib resistance in hepatocellular carcinoma](#). *Molecular Oncology*. 2019 Jan 18; Article in Press.
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5. Huang, YC; Wang, CT; Su, TS; Kao, KW; Lin, YJ; Chuang, CC; Chiang, AS; Lo, CC. [A single-cell level and connectome-derived computational model of the drosophila brain](#). *Frontiers in Neuroinformatics*. 2019 Jan; 12: Article number 99.

Institute of Population Health Sciences

1. Lukito, W; Wibowo, L; Wahlqvist, ML. [Maternal contributors to intergenerational nutrition, health, and well-being: Revisiting the Tanjungsari Cohort Study for effective policy and action in Indonesia](#). *Asia Pacific Journal of Clinical Nutrition*. 2019 Feb; 28(Suppl 1): S1-S16.
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15. Liao, KW; Pan, WH; Liou, SH; Sun, CW; Huang, PC; Wang, SL. [Levels and temporal variations of urinary lead, cadmium, cobalt, and copper exposure in the general population of Taiwan](#). *Environmental Science and Pollution Research*. 2019 Jan; Article in Press.
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17. Yuan, HY; Wen, TH; Kung, YH; Tsou, HH; Chen, CH; Chen, LW; Lin, PS. [Prediction of annual dengue incidence by hydro-climatic extremes for southern Taiwan](#). *International Journal of Biometeorology*. 2019 Jan 24; Article in Press.
18. Yen, CJ; Tsou, HH; Hsieh, CY; Chu, CY; Chiu, CF; Chen, CC; Tsao, CJ; Tsai, KY; Tsai, ST; Chang, JY; Chang, KY. [Sequential therapy of neoadjuvant biochemotherapy with cetuximab, paclitaxel, and cisplatin followed by cetuximab-based concurrent bioradiotherapy in high-risk locally advanced oral squamous cell carcinoma: Final analysis of a phase 2 clinical trial](#). *Head and Neck*. 2019 Jan 12; Article in Press.
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National Institute of Cancer Research

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7. Ho, CC; Wu, WT; Chen, YC; Liou, SH; Yet, SF; Lee, CH; Tsai, HT; Weng, CY; Tsai, MH; Lin, P. [Identification of osteopontin as a biomarker of human exposure to fine particulate matter](#). *Environmental Pollution*. 2019 Feb; 245: 975-985.

8. Yen, CJ; Tsou, HH; Hsieh, CY; Chu, CY; Chiu, CF; Chen, CC; Tsao, CJ; Tsai, KY; Tsai, ST; Chang, JY; Chang, KY. [Sequential therapy of neoadjuvant biochemotherapy with cetuximab, paclitaxel, and cisplatin followed by cetuximab-based concurrent bioradiotherapy in high-risk locally advanced oral squamous cell carcinoma: Final analysis of a phase 2 clinical trial](#). *Head and Neck*. 2019 Jan 12; Article in Press.
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National Institute of Infectious Diseases and Vaccinology

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National Mosquito-Borne Diseases Control Research Center

1. Buchman, A; Gamez, S; Li, M; Antoshechkin, I; Li, HH; Wang, HW; Chen, CH; Klein, MJ; Duchemin, JB; Paradkar, PN; Akbari, OS. [Engineered resistance to Zika virus in transgenic *Aedes aegypti* expressing a polycistronic cluster of synthetic small RNAs](#). *Proceedings of the National Academy of Sciences of the United States of America*. 2019 Feb 5; Article in Press.
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Center for Neuropsychiatric Research

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Immunology Research Center

1. Lu, CH; Lai, CY; Yeh, DW; Liu, YL; Su, YW; Hsu, LC; Chang, CH; Jin, SLC; Chuang, TH. [Involvement of M1 macrophage polarization in endosomal Toll-Like receptors activated psoriatic inflammation](#). *Mediators of Inflammation*. 2018 Dec 16; 2018: Article number 3523642.

Construction, Management & Service Center

1. Chang, YP; Lee, DC; Chang, SC; Lee, YH; Wang, HH. [Influence of work excitement and workplace violence on professional commitment and turnover intention among hospital nurses](#). *Journal of Clinical Nursing*. 2019 Jan 31; Article in Press.