NHRI Publication _ APR 2018

Institute of Biomedical Engineering and Nanomedicine

1. Chen, HJ; Chew, CY; Chang, EH; Tu, YW; Wei, LY; Wu, BH; Chen, CH; Yang, YT; Huang, SC; Chen, JK; Chen, IC; Tan, KT. \textit{S- Cis diene conformation: A new bathochromic shift strategy for near-infrared fluorescence switchable dye and the imaging applications}, \textit{Journal of the American Chemical Society}. 2018 Apr 18; 140(15): 5224-5234.

2. Liao, FH; Wu, TH; Huang, YT; Lin, WJ; Su, CJ; Jeng, US; Kuo, SC; Lin, SY. \textit{Subnanometer gold clusters adhere to lipid a for protection against endotoxin-induced sepsis}. \textit{Nano Letters}. 2018 Apr 12; Article in Press.

Institute of Biotechnology and Pharmaceutical Research

1. Ke, YY; Chang, CP; Lin, WH; Tsai, CH; Chiu, IC; Wang, WP; Wang, PC; Chen, PY; Lin, WH; Chang, CF; Kuo, PC; Song, JS; Shih, C; Hsieh, HP; Chi, YH. \textit{Design and synthesis of BPR1K653 derivatives targeting the back pocket of Aurora kinases for selective isoform inhibition}. \textit{European Journal of Medicinal Chemistry}. 2018 May 10; 151: 533-545.
Institute of Cellular and Systems Medicine


3. Luo, SF; Chin, CY; Ho, LJ; Tseng, WY; Kuo, CF; Lai, JH. Monosodium urate crystals induced ICAM-1 expression and cell-cell adhesion in renal mesangial cells: Implications for the pathogenesis of gouty nephropathy. *Journal of Microbiology, Immunology and Infection*. 2018 Jan 31; *Article in Press.*

4. Lee, RHC; Lee, MHH; Wu, CYC; Silva, ACE; Possoit, HE; Hsieh, TH; Minagar, A; Lin, HW. Cerebral ischemia and neuroregeneration. *Neural Regeneration Research*. 2018 Mar; 13(3): 373-385.

Institute of Molecular and Genomic Medicine

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are associated with non-hepatitis B non-hepatitis C hepatocellular carcinoma in Taiwan, an endemic area of chronic hepatitis B. Hepatology Communications. 2018 Apr; Article in Press.

2. Tseng, CW; Kuo, WH; Chan, SH; Chan, HL; Chang, KJ; Wang, LH. Transketolase regulates the metabolic switch to control breast cancer cell metastasis via the alpha-ketoglutarate signaling pathway. Cancer Research. 2018 Mar 29; Article in Press.

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4. Liu, WS; Chan, SH; Chang, HT; Li, GC; Tu, YT; Tseng, HH; Fu, TY; Chang, HY; Liou, HH; Ger, LP; Tsai, KW. Isocitrate dehydrogenase 1-snail axis dysfunction significantly correlates with breast cancer prognosis and regulates cell invasion ability. Breast Cancer Research. 2018 Apr 16; 20: Article number 25.

5. Lin, YR; Parikh, H; Park, Y. Stress resistance and lifespan enhanced by downregulation of antimicrobial peptide genes in the Imd pathway. Aging.
6. Kuo, YP; Tsai, KN; Luo, YC; Chung, PJ; Su, YW; Teng, Y; Wu, MS; Lin, YF; Lai, CY; Chuang, TH; Dai, SS; Tseng, FC; Hsieh, CH; Tsai, DJ; Tsai, WT; Chen, CH; Yu, GY. Establishment of a mouse model for the complete mosquito-mediated transmission cycle of Zika virus. PLoS Neglected Tropical Diseases. 2018 Apr 18; 12(4): Article number e0006417.

Institute of Population Health Sciences


3. Kamiza, AB; Hsieh, LL; Tang, R; Chien, HT; Lai, CH; Chiu, LL; Lo, TP; Hung, KY; You, JF; Wang, WC; Hsiung, CA; Yeh, CC. Polymorphisms of DNA repair genes are associated with colorectal cancer in patients with Lynch syndrome. Molecular Genetics and Genomic Medicine. 2018 Apr 17; Article in Press.

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6. Lee, WF; Gau, CC; Lu, IC; Lin, LL; Wu, CY; Tsai, HJ; Yao, TC. *Effect of birth weight on lung function and exhaled nitric oxide in a cohort of Asian children at six years of age.* *Journal of Allergy and Clinical Immunology. 2018 Feb; 141(2, Suppl.): AB5.*

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10. Yen, FS; Chiang, JH; Pan, CW; Lin, BJ; Wei, JC; Hsu, CC. Cardiovascular outcomes of dipeptidyl peptidase-4 inhibitors in patients with type 2 diabetes on insulin therapy. Diabetes Research and Clinical Practice. 2018 Apr 12; 140: 279-287.

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14. Lee, WJ; Chang, YC; Almalki, O; Chao, SH; Lu, CH; Chen, CC; Huang, YY; Lee, YC; Hsu, CC. Study design and recruitment for a prospective controlled study of diabesity: Taiwan diabesity study. Asian Journal of Surgery. 2018 Apr 6; Article in Press.
National Institute of Cancer Research

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Huang, JS; Wong, TY; Lai, YH; Wu, YH; Hsueh, WT; Wu, SY; Yen, CJ; Chang, JY; Lin, CL; Weng, YL; Yang, HC; Chen, YS; Chang, JS. The interplay between oral microbiome, lifestyle factors, and genetic polymorphisms in the risk of oral squamous cell carcinoma. *Carcinogenesis*. 2018 Apr 13; Article in Press.

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**National Institute of Environmental Health Sciences**

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**National Mosquito-Borne Diseases Control Research Center**

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**Center for Neuropsychiatric Research**

1. Wang, YJ; Hsieh, CP; Chan, MH; Chan, TY; Chen, L; Chen, HH. Distinct effects of resveratrol on seizures and hyperexcitability induced by NMDA and 4-aminopyridine. *Nutritional Neuroscience*. 2018 Apr 12; Article in Press.

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Pathology Core Laboratory
1. Feng, HS; Chi, CI; Chen, HC; Chang, YT; Long, CC; Chung, WC; Chung, TC; Chih, HM; Chen, LW; Chung, YH; Ying, SY; Liew, EH; John, W; Hwa, TH; Ming, JY; Ting, YC; Ling, CC; Jer, CP; Fan, LY. Metabolic risk factors are associated with non-hepatitis B non-hepatitis C hepatocellular carcinoma in Taiwan, an endemic area of chronic hepatitis B. Hepatology
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