

NHRI Publication 【OCT 2017】

Institute of Biomedical Engineering and Nanomedicine

1. Fang, HW; Li, LT; Teng, SC; Wang, TJ. [Application of adipose-derived stem cells to observe the morphological changes by induction with decellularized corneal extracellular matrix and specified medium](#). *Journal of Medical and Biological Engineering*. 2017 Oct; 37(5): 695-702.
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3. Wang, YP; Liao, YT; Liu, CH; Yu, J; Alamri, HR; Alothman, ZA; Hossain, MSA; Yamauchi, Y; Wu, KCW. [Trifunctional Fe₃O₄/CaP/Alginate core-shell-corona nanoparticles for magnetically guided, pH-responsive, and chemically targeted chemotherapy](#). *ACS Biomaterials Science and Engineering*. 2017 Aug 8; 3(10): 2366-2374.
4. Liang, HT; Lai, XS; Wei, MF; Lu, SH; Wen, WF; Kuo, SH; Chen, CM; Tseng, WI; Lin, FH. [Intratumoral injection of thermogelling and sustained-release carboplatin-loaded hydrogel simplifies the administration and remains the synergistic effect with radiotherapy for mice gliomas](#). *Biomaterials*. 2017 Oct 09; 151: 38-52.
5. Wu, HW; Yao, WY; Hsiao, YH; Hsu, CH. [High-throughput formation and long-term culture of embryoid bodies using a microfluidic hanging drop chip](#). *12th IEEE International Conference on Nano/Micro Engineered and Molecular Systems, NEMS 2017*. 2017 Aug 29: 351-354.
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 - Tsai, HM; Souris, JS; Kim, HJ; Cheng, SH; Chen, L; Lo, LW; Chen, CT; Kao, CM. [Rapid measurement of fluorescence lifetimes using SiPM detection and waveform sampling](#). *Review of Scientific Instruments*. 2017 Sep; 88(9): Article number 096107.

Institute of Cellular and Systems Medicine

- Lai, JH; Luo, SF; Wang, MY; Ho, LJ. [Translational implication of galectin-9 in the pathogenesis and treatment of viral infection](#). *International Journal of Molecular Sciences*. 2017 Oct 08; 18(10): Article number 2108.

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- Chu, LY; Hsueh, YC; Cheng, HL; Wu, KK. [Cytokine-induced autophagy promotes long-term VCAM-1 but not ICAM-1 expression by degrading late-phase Ikappa Balpha](#). *Scientific Reports*. 2017 Sep; 7: Article number 12472.
- Huang, YJ; Hsu, SH. [TRAIL-functionalized gold nanoparticles selectively trigger apoptosis in polarized macrophages](#). *Nanotheranostics*. 2017 Jul 7; 1(3): 326-337.

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Institute of Population Health Sciences

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2. Gakidou, E; Afshin, A; Abajobir, AA; Abate, KH; Abbafati, C; Abbas, KM; et al. [Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2016: A systematic analysis for the Global Burden of Disease Study 2016](#). *Lancet*. 2017 Sep; 390(10100): 1345-1422.
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9. Chang, YK; Huang, LF; Shin, SJ; Lin, KD; Chong, K; Yen, FS; Chang, HY; Chuang, SY; Hsieh, TJ; Hsiung, CA; Hsu, CC. [A point-based mortality prediction system for older adults with diabetes](#). *Scientific Reports*. 2017 Oct; 7: Article number 12652.

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11. Huang, YL; Lai, CC; Wang, YH; Wang, CY; Wang, JY; Wang, HC; Yu, CJ; Chen, LW; Disease(TCORE), Taiwan Clinical Trial Consortium for Respiratory. [Impact of selective and nonselective beta-blockers on the risk of severe exacerbations in patients with COPD](#). *International Journal of Chronic Obstructive Pulmonary Disease*. 2017 Oct 11; 12: 2987-2996.
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15. Wu, CS; Liu, HY; Tsai, HJ; Liu, SK. [Seizure risk associated with antidepressant treatment among patients with depressive disorders: A population-based case-crossover study](#). *Journal of Clinical Psychiatry*. 2017 Oct 24; Article in Press.
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2. Chu, NS; Wu, IC; Chen, LT; Chin, YY. [Beau's lines in nails: An indicator of recent Docetaxel and 5-FU use](#). *Kaohsiung Journal of Medical Sciences*. 2017 Oct 17; Article in Press.
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National Mosquito-Borne Diseases Control Research Center

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