

NHRI Publication _ NOV 2019

Institute of Biomedical Engineering and Nanomedicine

1. Li, KY; Pan, HA; Chen, KH; Kuo, TL; Chou, CH; Liang, YJ; Lin, FH. [Fish-scale collagen membrane seeded with corneal endothelial cells as alternative graft for endothelial keratoplasty transplantation](#). *ACS Biomaterials Science and Engineering*. 2019 Oct 26; Article in Press.
2. Saurabh, K; Solovchuk, M; Sheu, TWH. [Solution of ion channel flow using immersed boundary-lattice boltzmann methods](#). *Journal of Computational Biology*. 2019 Nov 7; Article in Press.
3. Lin, CT; Liu, CH; Wang, PS; King, JT; Liao, LD. [Design and verification of a dry sensor-based multi-channel digital active circuit for human brain electroencephalography signal acquisition systems](#). *Micromachines*. 2019 Oct 25; 10(11): Article number 720.
4. Liao, FH; Wu, TH; Yao, CN; Kuo, SC; Su, CJ; Jeng, US; Lin, SY. [Antibiotics evade endotoxin competition through a supramolecular trap for boosting anti-bacteremia activity](#). *Angewandte Chemie*. 2019 Nov 14; Article in Press.

Institute of Biotechnology and Pharmaceutical Research

1. Lin, SY; Chang Hsu, Y; Peng, YH; Ke, YY; Lin, WH; Sun, HY; Shiao, HY; Kuo, FM; Chen, PY; Lien, TW; Chen, CH; Chu, CY; Wang, SY; Yeh, KC; Chen, CP; Hsu, TA; Wu, SY; Yeh, TK; Chen, CT; Hsieh, HP. [Discovery of a furanopyrimidine-based epidermal growth factor receptor inhibitor \(DBPR112\) as a clinical candidate for the treatment of non-small cell lung cancer](#). *Journal of Medicinal Chemistry*. 2019 Sep; Article in press.
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3. Chandar Charles, MR; Mahesh, A; Lin, SY; Hsieh, HP; Dhayalan, A; Coumar, MS.

- [Identification of novel quinoline inhibitor for EHMT2/G9a through virtual screening.](#) *Biochimie*. 2020 Jan; 168: 220-230.
4. Wu, HC; Liang, KH; Hsieh, HP; Li, WS. [The molecular mechanisms of EpCAM in regulating tumor progression and development of anti-EpCAM antibodies for colon cancer diagnosis and therapy.](#) *Annals of Oncology*. 2019 Oct; 30(Suppl. 5): 786.
 5. Hsu, JTA; Hung, HC; Chen, CT; Yen, WC; Chang, TY; Chao, PK; Chin-Ting, H; Yen, KJ; Tsai, YR; Chang, CY; Fang, MY; Lai, YL; Shih, JC. [Inhibition of Rspo-Wnt pathway facilitates checkpoint blockade therapy by anti-RSPO3 antibody \(DBPR117\).](#) *Annals of Oncology*. 2019 Oct; 30(Suppl. 5): 191.

Institute of Cellular and Systems Medicine

1. Yeh, JK; Lin, MH; Wang, CY. [Telomeres as therapeutic targets in heart disease.](#) *JACC: Basic to Translational Science*. 2019 Nov; 4(7): 855-865.
2. Suen, WJ; Li, ST; Yang, LT. [Hes1 regulates anagen initiation and hair follicle regeneration through modulation of hedgehog signaling.](#) *Stem Cells*. 2019 Nov 13; Article in Press.
3. Li, QQ; Yao, YF; Shi, SM; Zhou, MC; Zhou, YC; Wang, MR; Chiu, EJ; Huang, ZR; Zhang, WL; Liu, M; Wang, Q; Tu, X. [Inhibition of miR-21 alleviated cardiac perivascular fibrosis via repressing EndMT in T1DM.](#) *Journal of Cellular and Molecular Medicine*. 2019 Nov 3; Article in Press.
4. Lin, CY; Wang, BJ; Chen, BC; Tseng, JC; Jiang, SS; Tsai, KK; Shen, YY; Yuh, CH; Sie, ZL; Wang, WC; Kung, HJ; Chuu, CP. [Histone demethylase KDM4C stimulates the proliferation of prostate cancer cells via activation of AKT and c-Myc.](#) *Cancers*. 2019 Nov 13; 11(11): Article number 1785.
5. Wu, CC; Chen, MS; Cheng, YJ; Ko, YC; Lin, SF; Chiu, IM; Chen, JY. [Emodin inhibits EBV reactivation and represses NPC tumorigenesis.](#) *Cancers*. 2019 Nov 15; 11(11): Article number 1795.
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Institute of Molecular and Genomic Medicine

1. Lu, MC; Chen, YT; Tang, HL; Liu, YY; Chen, BH; Wang, YW; Chen, YS; Teng, RH; Hong, YP; Chiou, CS; Chiang, MK; Lai, YC. [Transmission and evolution of OXA-48-producing Klebsiella pneumoniae ST11 in a single hospital in Taiwan](#). *Journal of Antimicrobial Chemotherapy*. 2019 Oct 30; Article in Press.
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6. Hsieh, YL; Su, FY; Tsai, LK; Huang, CC; Ko, YL; Su, LW; Chen, KY; Shih, HM; Hu, CM; Lee, WH. [NPGPx-mediated adaptation to oxidative stress protects motor neurons from degeneration in aging by directly modulating O-GlcNAcase](#). *Cell Reports*. 2019 Nov; 29(8): 2134-2143.

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9. Wu, JY; Huang, TW; Hsieh, YT; Wang, YF; Yen, CC; Lee, GL; Yeh, CC; Peng, YJ; Kuo, YY; Wen, HT; Lin, HC; Hsiao, CW; Wu, KK; Kung, HJ; Hsu, YJ; Kuo, CC. [Cancer-derived succinate promotes macrophage polarization and cancer metastasis via succinate receptor](#). *Molecular Cell*. 2019 Nov 5; Article in Press.

Institute of Population Health Sciences

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2. Wu, CY. [Microbiota alterations after colon adenoma resection.](#) *Journal of Gastroenterology and Hepatology.* 2019 Oct; 34(10): 1669-1670.
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Immunology Research Center

1. Hsu, LC; Lin, CC; Shen, YR; Chang, CC; Guo, SY; Young, YY; Chuang, TH. [A novel terminal uridylyltransferase controls uridylation and degradation of Regnase-1 mRNA to regulate TLR4-triggered inflammation](#). *European Journal of Immunology*. 2019 Oct; 49(S3): 42.
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National Mosquito-Borne Diseases Control Research Center

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Pathology Core Laboratory

1. Lin, CY; Wang, BJ; Chen, BC; Tseng, JC; Jiang, SS; Tsai, KK; Shen, YY; Yuh, CH; Sie, ZL; Wang, WC; Kung, HJ; Chuu, CP. [Histone demethylase KDM4C stimulates the proliferation of prostate cancer cells via activation of AKT and c-Myc](#). *Cancers*. 2019 Nov 13; 11(11): Article number 1785.

Graduate Student Program

1. Lee, HH; Chen, CH; Chuang, HY; Huang, YW; Huang, MY. [Brain surgery in combination with tyrosine kinase inhibitor and whole brain radiotherapy for epidermal growth factor receptor-mutant non-small-cell lung cancer with brain metastases.](#) *Scientific Reports*. 2019 Nov 14; 9: Article number 16834.
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