

## NHRI Publication\_May. 2022

### Center for Neuropsychiatric Research

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2. Wang, SH; Su, MH; Chen, CY; Lin, YF; Feng, YCA; Hsiao, PC; Pan, YJ; Wu, CS. [Causality of abdominal obesity on cognition: A trans-ethnic Mendelian randomization study](#). International Journal of Obesity. 2022 May 10; Article in Press.
3. Chen, SL; Liu, BT; Lee, WP; Liao, SB; Deng, YB; Wu, CL; Ho, SM; Shen, BX; Khoo, GH; Shiu, WC; Chang, CH; Shih, HW; Wen, JK; Lan, TH; et al. [WAKE-mediated modulation of cVA perception via a hierarchical neuro-endocrine axis in Drosophila male-male courtship behaviour](#). Nature Communications. 2022 May 6; 13: Article number 2518.

### Institute of Biomedical Engineering and Nanomedicine

1. Yang, IH; Kuan, CY; Chen, ZY; Li, CH; Chi, CY; Lin, YY; Liang, YJ; Kuo, WT; Li, YA; Lin, FH. [Engineered cell-laden thermosensitive poly\(N-isopropylacrylamide\)-immobilized gelatin microspheres as 3D cell carriers for regenerative medicine](#). Materials Today Bio. 2022 Jun; 15: Article number 100266.
2. Lien, WC; Ching, CT; Lai, ZW; Wang, HD; Lin, JS; Huang, YC; Lin, FH; Wang, WF. [Intelligent fall-risk assessment based on gait stability and symmetry among older adults using tri-axial accelerometry](#). Frontiers in Bioengineering and Biotechnology. 2022 May 13; 10: Article number 887269.
3. Saurabh, K; Solovchuk, M; Sheu, TW. [A detailed study of ion transport through the SARS-CoV-2 E protein ion channel](#). Nanoscale. 2022 Jun 1; Article in Press.
4. Qiu, SB; Xiao, JH; Chen, PR; Ai, GL; Pan, KL; Chen, JK; Chen, YW; Pan, PS. [Robust synthesis of tetra-boronate esters analogues and the corresponding boronic acids derivatives](#). European Journal of Organic Chemistry. 2022 May 2; Article in Press.

5. Sivasubramanian, M; Lo, LW. [Assessment of nanoparticle-mediated tumor oxygen modulation by photoacoustic imaging](#). Biosensors. 2022 May 13; 12(5): Article number 336.
6. Lin, YR; Zhong, NR; Huang, CC; Su, CP; Shen, CY; Liao, LD. [Modification of a COVID-19 patient testing station with a semiautomatic sanitization system](#). Annals of Work Exposures and Health. 2022 May 21; Article in Press.

### **Institute of Biotechnology and Pharmaceutical Research**

1. Schor, S; Pu, S; Nicolaescu, V; Azari, S; Kõivomägi, M; Karim, M; Cassonnet, P; Saul, S; Neveu, G; Yueh, A; Demeret, C; Skotheim, JM; Jacob, Y; Randall, G; Einav, S. [The cargo adapter protein CLINT1 is phosphorylated by the Numb-associated kinase BIKE and mediates dengue virus infection](#). Journal of Biological Chemistry. 2022 Jun; 298(6): Article number 101956.
2. Jheng, JR; Hsieh, CF; Chang, YH; Ho, JY; Tang, WF; Chen, ZY; Liu, CJ; Lin, TJ; Huang, LY; Chern, JH; Horng, JT. [Rosmarinic acid interferes with influenza virus A entry and replication by decreasing GSK3beta and phosphorylated AKT expression levels](#). Journal of Microbiology, Immunology, and Infection. 2022 May 18; Article in Press.
3. Huang, KH; Liu, YT; Pan, PY; Lo, CF; Liu, KL; Yeh, TK; Huang, LR; Tsou, LK. [Rejuvenating hepatic tumor microenvironment immunity with a phosphatidylserine-targeting small molecule drug conjugate](#). Biomedicine and Pharmacotherapy. 2022 Jul; 151: Article number 113084.
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### **Institute of Cellular and Systems Medicine**

1. Tsai, KK; Huang, SS; Northey, JJ; Liao, WY; Hsu, CC; Cheng, LH; Werner, ME; Chuu, CP; Chatterjee, C; Lakins, JN; Weaver, VM. [Screening of organoids derived from patients with](#)

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### **Institute of Molecular and Genomic Medicine**

1. Hsu, SC; Lin, CY; Lin, YY; Collins, CC; Chen, CL; Kung, HJ. [TEAD4 as an oncogene and a mitochondrial modulator](#). Frontiers in Cell and Developmental Biology. 2022 May 5; 10: Article number 890419.
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3. Tan, LL; Heng, E; Zulkarnain, N; Hsiao, WC; Wong, FT; Zhang, MM. [CRISPR/Cas-mediated genome editing of streptomyces](#). Methods in Molecular Biology. 2022 May 29; 2479: 207-225.

### **Institute of Population Health Sciences**

1. Zhang, HW; Tsai, ZR; Chen, KT; Hsu, SL; Kuo, YJ; Lin, YC; Huang, SW; Chen, YP; Peng, HC; Tsai, JJP; Hsu, CY. [Enhanced risk of osteoporotic fracture in patients with sarcopenia: A national population-based study in Taiwan](#). Journal of Personalized Medicine. 2022 May 13; 12(5): Article number 791.
2. Yang, HH; Tu, SK; Chen, HH; Hung, CL; Kuo, CW; Tsan, YT; Chu, WM; Lee, MC; Liao, CC. [Testosterone level reduction increases the 10-year risk of cardiovascular diseases: A retrospective cohort study in a Taiwanese young male population](#). Frontiers in Cardiovascular Medicine. 2022 Apr 14; 9: Article number 869251.
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5. Hsu, YM; Wu, CF; Huang, MZ; Shiea, J; Pan, CH; Liu, CC; Chen, CC; Wang, YH; Cheng, CM; Wu, MT. [Avatar-like body imaging of dermal exposure to melamine in factory workers analyzed by ambient mass spectrometry](#). Chemosphere. 2022 Sep; 303(Part 1): Article number 134896.
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  11. Kelly, TN; Sun, X; He, KY; Brown, MR; Taliun, SAG; Hellwege, JN; Irvin, MR; Mi, X; Brody, JA; Franceschini, N; Guo, X; Hwang, SJ; de Vries, PS; Gao, Y; et al. [Insights from a large-scale whole-genome sequencing study of systolic blood pressure, diastolic blood pressure, and hypertension](#). Hypertension. 2022 Jun 2; Article in Press.

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18. Kong, PH; Chiang, CH; Lin, TC; Kuo, SC; Li, CF; Hsiung, CA; Shiue, YL; Chiou, HY; Wu, LC; Tsou, HH. [Discrimination of methicillin-resistant staphylococcus aureus by MALDI-TOF mass spectrometry with machine learning techniques in patients with staphylococcus aureus bacteremia](#). *Pathogens*. 2022 May 16; 11(5): Article number 586.

### **National Center for Geriatrics and Welfare Research**

1. Lin, YH; Wu, CS; Liu, CC; Kuo, PH; Chan, HY; Chen, WJ. [Comparative effectiveness of antipsychotics in preventing readmission for first-admission schizophrenia patients in](#)

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- Hsu, CC. [The challenges and strategies for coping with super-aged society in Taiwan](#). Taiwan Journal of Public Health. 2022 Apr; 41(2): 109-111.

## National Institute of Cancer Research

- Wu, CL; Huang, CC; Wu, SY; Jiang, SS; Tsai, FY; Hsiao, JR. [A new scoring system facilitating diagnosis of oral squamous malignancy on biopsy specimens](#). BMC Oral Health. 2022 May 6; 22: Article number 165.
- Purnamasari, SD; Hsu, CY; Chen, YT; Kurniawan, AL; Lee, HA; Chao, JC. [Combined low plant and high animal dietary pattern is associated with a lower risk of anemia among dyslipidemic adult women in Taiwan: A retrospective study from 2001 to 2015](#). International Journal of Environmental Research and Public Health. 2022 May 20; 19(10): Article number 6231.
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- Lee, HA; Huang, TT; Yen, LH; Wu, PH; Chen, KW; Kung, HH; Liu, CY; Hsu, CY. [Precision nutrient management using artificial intelligence based on digital data collection framework](#). Applied Sciences. 2022 Apr 20; 12(9): Article number 4167.
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### **National Institute of Environmental Health Sciences**

1. Tseng, CH. [Pioglitazone and breast cancer risk in female patients with type 2 diabetes mellitus: A retrospective cohort analysis](#). BMC Cancer. 2022 May 18; 22: Article number 559.
2. He, Q; Chang, HT; Wu, CD; Ji, JS. [Association between residential greenspace structures and frailty in a cohort of older Chinese adults](#). Communications Medicine. 2022 Apr 20; 2: Article number 43.
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### **National Institute of Infectious Diseases and Vaccinology**

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

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### **NHRI Graduate Student Program**

1. Su, HY; Ko, HJ; Su, YF; Lieu, AS; Lin, CL; Chang, CH; Tsai, TH; Tsai, CY. [Prevention of compression fracture in osteoporosis patients under minimally invasive trans-foraminal lumbar interbody fusion with assistance of bone-mounted robotic system in two-level degenerative lumbar disease](#). *Medicina*. 2022 May 21; 58(5): Article number 688.
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