

## **Curriculum Vitae**

**王文宏 Wen-Hung Wang**

### **Education**

2005-2011 Doctor of Philosophy, Department of Microbiology and Immunology, Chang Gung University (Advisor: Professor Shih-Tung Liu)

2003-2005 Master of Philosophy, Department of Microbiology and Immunology, Chang Gung University (Advisor: Professor Shih-Tung Liu)

1999-2003 Bachelor of Science, Department of Biomedical Science and Environmental Biology, Kaohsiung Medical University

### **Professional Experience**

2011/8-2015/2 Postdoctoral Research Fellow, Molecular genetic Laboratory Chang Gung University

2015/3-2016/2 Postdoctoral Research Fellow, Center for Infectious disease and Cancer Research, Kaohsiung Medical University

2016/3-2022/8 Assistant Research Fellow, Division of Infectious Disease, Department of Internal Medicine, Kaohsiung Medical University Hospital.

2022/8-present Associate Research Fellow, School of Medicine, Department of Medicine., National Sun Yat-sen University

### **Professional specialty**

General and Medical Virology

Microbiology and the experiments

Cell and Cancer Biology

Bacteriology and microorganisms

Emerging Viral Infectious Disease and coronavirus

Tropical Medicine and Dengue Virus

### **Editor**

1. *Canadian Journal of Infectious Disease and Medical Microbiology*. Special issue: Emerging Infectious Disease.
2. *Pathogens* (ISSN 2076-0817), Special issue of Re-emerging Pathogen.

## Patents 專利

1. 新冠肺炎恆溫式圈環形核酸增幅法引子設計序列 (台灣/美國)  
Composition and methods for rapid detection of COVID-19 by loop-mediated isothermal amplification (US 63/031,14) 2020

## Industry and University Cooperation 產學合作

- 聯合生物製藥開發股份有限公司。To evaluate the antiretroviral activity of UB-421 in combination with HARRT drugs.
- TAUNS Laboratories, Co., Ltd. Japan. (日本跨國產學合作), Culture-free Ultrasensitive Mycobacteria Tuberculosis Detection ELISA
- 泉沂醫學科技股份有限公司
  1. 開發新冠病毒核酸檢測試劑組
  2. 臨床試驗-登革熱病毒核酸分子檢測試劑開發
  3. 登革熱病毒核酸分子檢測試劑開發應用(科技部南科管理局產學合作計畫)
  4. 精準判讀肺結核桿菌活性之自動化核酸萃取與檢測系統 (科技部南科管理局產學合作計畫)
- 麥博森股份有限公司  
專利授權: 新冠病毒核酸檢測試劑, 緊急專案核准製造(防疫專案核准製造第1096821155 號 and CE Notification p115664)

## 七年內發表著作

1. Chih-Yen Lin<sup>1</sup>, Wen-Hung Wang<sup>1</sup> (王文宏), Meng-Chi Li, Yu-Ting Lin, Zih-Syuan Yang, Aspiro Nayim Urbina, Wanchai Assavalapsakul, Arunee Thitithanyanont, Kai-Ren Chen, Chien-Cheng Kuo, Yu-Xen Lin, Hui-Hua Hsiao, Kun-Der Lin, Shang-Yi Lin, Yen-Hsu Chen, Ming Lung Yu, Li-Chen Su, Sheng-Fan Wang (2022). Boosting the detection performance of severe acute respiratory syndrome coronavirus 2 test through a sensitive optical biosensor with new superior antibody. *Bioengineering & Translational Medicine*, 2022;e10410. (SCI/IF=10.684; Rank=11.3%) 本人為共同第一作者
2. Chih-Yen Lin, Aspiro Nayim Urbina, Wen-Hung Wang (王文宏), Arunee Thitithanyanont, Sheng-Fan Wang (2022, Jul). Virus Hijacks Host Proteins and Machinery for Assembly and Budding, with HIV-1 as an Example. *Viruses*,

- 2022,14(7), 1528. (SCI/IF=5.818; Rank=36.49%)
3. Szu-Wei Huang, Mei-Chen Shen, **Wen-Hung Wang (王文宏)**, Wei-You Li, Jen-Hsien Wang, Cheng-Yin Tseng, Po-Yu Liu, Lih-Shinn Wang, Yu-Lin Lee, Yi-Ming Arthur Chen, Chun-Yuan Lee, Po-Liang Lu, Sheng-Fan Wang (2022, Jan). High prevalence of HIV-1 transmitted drug resistance and factors associated with time to virological failure and viral suppression in Taiwan. *Journal of Antimicrobial Chemotherapy*, 2022 Jan; 77(1)185-195. (SCI/IF=5.79; Rank=8.68%)
  4. Chung-Hao Huang, Yu-Te Tsai, Sheng-Fan Wang, **Wen-Hung Wang (王文宏)**, Yen-Hsu Chen (2021, Dec). Dengue vaccine: an update. *Expert Review of Anti-infective Therapy*, 2021 Dec; 19(12):1495-1502. (SCI/IF=5.091; Rank=17.36%)
  5. **Wen-Hung Wang (王文宏)**, Aspiro Nayim Urbina, Chih-Yen Lin, Zih-Syuan Yang, Wanchai Assavalapsakul, Arunee Thitithanyanont, Po-Liang Lu, Yen-Hsu Chen, Sheng-Fan Wang (2021, Dec). Targets and strategies for vaccine development against dengue viruses. *Biomedicine & Pharmacotherapy*, 2021,144(15):112304. 本人為第一作者. (SCI/IF=6.53; Rank=9%)
  6. Zih-Syuan Yang, Chih-Yen Lin, Szu-Wei Huang, **Wen-Hung Wang (王文宏)**, Aspiro Nayim Urbina, Sung-Pin Tseng, Po-Liang Lu, Yen-Hsu Chen, Sheng-Fan Wang (2021, Jul). Regulatory roles of galectins on influenza A virus and their potential as a therapeutic strategy. *Biomedicine & Pharmacotherapy*, 139, July 2021, 111713. (SCI/IF=6.529; Rank=8.75%)
  7. Chih-Yen Lin<sup>1</sup>, Zih-Syuan Yang<sup>1</sup>, **Wen-Hung Wang<sup>1</sup> (王文宏)**, Aspiro Nayim Urbina, Yu-Ting Lin, Jason C Huang, Fu-Tong Liu, Sheng-Fan Wang (2021, May). The Antiviral Role of Galectins toward Influenza A Virus Infection-An Alternative Strategy for Influenza Therapy. *Pharmaceuticals (Basel)*, 2021 May 20;14(5):490. 本人為共同第一作者 (SCI/IF=4.286; Rank=18.1%)
  8. Chun-Yu Lin, Shih-Han Kao, Ling-Chien Hung, Hsin-Ju Chien, **Wen-Hung Wang (王文宏)**, Yu-Wei Chang, Yen-Hsu Chen (2021, Apr). Lipopolysaccharide-Induced Nitric Oxide and Prostaglandin E2 Production Is Inhibited by Tellimagrandin II in Mouse and Human Macrophages. *Life (Basel)*, 2021 Apr 30;11(5):411. (SCI/IF=3.817; Rank=29.03%)
  9. Chun-Yu Lin, Chung-Hao Huang, **Wen-Hung Wang (王文宏)**, Jyrki Tenhunen, Ling-Chien Hung, Chi-Chou Lin, Yu-Cheng Chen, Yen-Hsu Chen, Wei-Ting Liao (2021, Feb). Mono-(2-ethylhexyl) phthalate Promotes Dengue Virus Infection by Decreasing IL-23-Mediated Antiviral Responses. *Frontiers in Microbiology*, 2021 Feb 15;12:599345. (SCI/IF=5.604; Rank=20.5%)
  10. Yu-Wei Chang, Ling-Chien Hung, Yu-Cheng Chen, **Wen-Hung Wang (王文宏)**,

- Chun-Yu Lin, Hsin-Han Tzeng, Jau-Ling Suen\*, Yen-Hsu Chen (2021, Feb).  
Insulin Reduces Inflammation by Regulating the Activation of the NLRP3  
Inflammasome. *Frontiers in Immunology*, 2021 Feb 19;11:587229.  
(SCI/IF=5.604; Rank=20.5%)
11. Zih-Syuan Yang<sup>1</sup>, Szu-Wei Huang<sup>1</sup>, **Wen-Hung Wang<sup>1</sup> (王文宏)**, Chih-Yen Lin,  
Chu-Feng Wang, Aspiro Nayim Urbina, Arunee Thitithanyanont, Sung-Pin  
Tseng, Po-Liang Lu, Yen-Hsu Chen, Sheng-Fan Wang\* (2021, Jan).  
Identification of Important N-Linked Glycosylation Sites in the Hemagglutinin  
Protein and Their Functional Impact on DC-SIGN Mediated Avian Influenza  
H5N1 Infection. *International journal of molecular sciences*, 2021, 22(2), 743.  
本人為共同第一作者 (SCI/IF=5.924; Rank=22.7%)
  12. **Wen-Hung Wang (王文宏)**, Aspiro Nayim Urbina, Max R. Chang, Wanchai  
Assavalapsakul, Po-Liang Lu, Yen-Hsu Chen and Sheng-Fan Wang (2020, Dec).  
Dengue hemorrhagic fever – A systemic literature review of current perspectives  
on pathogenesis, prevention and control. *Journal of Microbiology, Immunology  
and Infection*, 2020 Mar 26. pii: S1684-1182(20)30067-0. MOST  
108-2320-B-037-037. 本人為第一作者. (SCI/IF=3.493; Rank=35.48%, 引用  
次數=72)
  13. **Wen-Hung Wang (王文宏)**, Chih-Yen Lin, Max R Chang, Aspiro Nayim  
Urbina, Wanchai Assavalapsakul, Arunee Thitithanyanont, Yen-Hsu Chen,  
Fu-Tong Liu, Sheng-Fan Wang (2020, Dec). The role of galectins in virus  
infection-A systemic literature review. *Journal of Microbiology, Immunology and  
Infection*, 53(6), 2020, 925-935. 本人為第一作者. (SCI/IF=3.493;  
Rank=35.48%, 引用次數=78)
  14. **Wen-Hung Wang<sup>1</sup> (王文宏)**, Rikiya Takeuchi<sup>1</sup>, Shu-Huei Jain, Yong-Huang  
Jiang, Sonoko Watanuki, Yoshiharu Ohtaki, Kazunari Nakaishi, Satoshi Watabe,  
Po-Liang Lu, Etsuro Ito (2020, Oct). A novel, rapid (within hours) culture-free  
diagnostic method for detecting live Mycobacterium tuberculosis with high  
sensitivity. *EBioMedicine*, 2020 Oct;60:103007. 本人為共同第一作者.  
(SCI/IF=5.736; Rank=18/139=13%)
  15. Sseu-Pei Hwang<sup>1</sup>, Lin-Chen Huang<sup>1</sup>, **Wen-Hung Wang<sup>1</sup> (王文宏)**, Min-Hsuan  
Lin, Chung-Wen Kuo, Hsiang-Hung Huang, Li-Kwan Chang (2020, Sep).  
Expression of Rta in B Lymphocytes during Epstein–Barr Virus Latency. *Journal  
of Molecular Biology*, 2020 Sep; 432(19)5227-43. 本人為共同第一作者.  
(SCI/IF=4.76; Rank=22.9%)
  16. Yu-Wei Chang, Wei-Lun Chiang, **Wen-Hung Wang (王文宏)**, Chun-Yu Lin,  
Ling-Chien Hung, Yi-Chang Tsai, Jau-Ling Suen, Yen-Hsu Chen (2020, Jul).  
Google Trends-based non-English language query data and epidemic diseases: a

- cross-sectional study of the popular search behaviour in Taiwan. *BMJ Open*, 2020 Jul 5;10(7):e034156. (SCI/IF=2.692; Rank=38.3%)
17. Chih-Yen Lin<sup>1</sup>, **Wen-Hung Wang<sup>1</sup> (王文宏)**, Aspiro Nayim Urbina, Sung-Pin Tseng, Po-Liang Lu, Yen-Hsu Chen, Ming-Lung Yu, Seng-Fan Wang (2020, Jun). Importation of SARS-CoV-2 infection leads to major COVID-19 epidemic in Taiwan. *International Journal of Infectious Diseases*, 2020 Aug;97:240-244. 本人為共同第一作者 (SCI/IF=3.202; Rank=40.8%)
  18. Shang-Yi Lin, Yi-Wen Chiu, Hui-Ru Yang, Tun-Chieh Chen, Min-Han Hsieh, **Wen-Hung Wang (王文宏)**, Yen-Hsu Chen (2021, Aug). Association of vitamin D levels and risk of latent tuberculosis in the hemodialysis population. *Journal of Microbiology, Immunology and Infection*, 2021 Aug;54(4):680-686. (SCI/IF=4.399; Rank=47.5%)
  19. Chih-Yen Lin<sup>1</sup>, **Wen-Hung Wang<sup>1</sup> (王文宏)**, Szu-Wei Huang, Chun-Sheng Yeh, Ruei-Yu Yuan, Zih-Syuan Yang, Aspiro Nayim Urbina, Sung-Pin Tseng, Po-Liang Lu, Yen-Hsu Chen, Sheng-Fan Wang (2020, May). The Examination of Viral Characteristics of HIV-1 CRF07\_BC and Its Potential Interaction with Extracellular Galectin-3. *Pathogens*, 2020;29;9(6):E425. 本人為共同第一作者. (SCI/IF=3.018; Rank=48.1%)
  20. **Wen-Hung Wang (王文宏)**, Yeh CS, Lin CY, Yuan RY, Urbina AN, Lu PL, Chen YH, Chen YA, Liu FT, Wang SF (2020, Apr). Amino Acid Deletions in p6Gag Domain of HIV-1 CRF07\_BC Ameliorate Galectin-3 Mediated Enhancement in Viral Budding. *Int J Mol Sci*, 2020 Apr 21;21(8). MOST 108-2320-B-037-037. 本人為第一作者 (SCI/IF=4.556; Rank=24.9%)
  21. **Wen-Hung Wang (王文宏)**, Aspiro Nayim Urbina, Chia-Ching Wu, Chih-Yen Lin, Arunee Thitithanyanont, Wanchai Assavalapsakul, Po-Liang Lu, Yen-Hsu Chen, Sheng-Fan Wang (2020, Apr). An epidemiological survey of the current status of Zika and the immune interaction between dengue and Zika infection in Southern Taiwan. *Int J Infect Dis*, 2020 Apr;93:151-159. MOST 108-2320-B-037-037. 本人為第一作者. (SCI/IF=3.202; Rank=40.8%)
  22. Hsiang-Hung Huang, **Wen-Hung Wang (王文宏)**; Tzu-Hui Feng, and Li-Kwan Chang (2020, Jan). Rta is an Epstein-Barr virus tegument protein that improves the stability of capsid protein BORF1. *Biochemical and Biophysical Research Communications*, 523, (2020) 773-779. (SCI/IF=2.985; Rank=36.6%)
  23. **Wen-Hung Wang (王文宏)**, Hsin-Jen Chen, Chih-Yen Lin, Wanchai Assavalapsakul, Sheng-Fan Wang (2020, Jan). Imported dengue fever and climatic variation are important determinants facilitating dengue epidemics in Southern Taiwan. *Journal of Infection*, 2020 Jan;80(1):121-142. MOST 108-2320-B-037-037. 本人為第一作者. (SCI/IF=4.842; Rank=12.9%)

24. Chien-Hui Hung, Ya-Fang Chiu, **Wen-Hung Wang (王文宏)**, Lee-Wen Chen, Pey-Jium Chang, Tsung-Yu Huang, Ying-Ju Lin, Wan-Ju Tsai and Chia-Ching Yang (2019, Dec). Interaction between BGLF2 and BBLF1 is required for the efficient production of infectious Epstein-Barr virus particles. *Frontiers in Microbiology*, 2020 Jan 24;10:3021. (SCI/IF=4.236; Rank=25%)
25. **Wen-Hung Wang (王文宏)**, Chih-Yen Lin, Ko Chang, Aspiro Nayim Urbina, Wanchai Assavalapsakul, Arunee Thitithanyanont, Po-Liang Lu, Yen-Hsu Chen, Sheng-Fan Wang (2019, Nov). A clinical and epidemiological survey of the largest dengue outbreak in Southern Taiwan in 2015. *International Journal of Infectious Disease*, 2019 Nov;88:88-99. MOST 108-2320-B-037-037. 本人為第一作者. (SCI/IF=3.538; Rank=28/89= 31.4%)
26. Yu-Wei Chang, Wan-Chun Huang, Chun-Yu Lin, **Wen-Hung Wang (王文宏)**, Ling-Chien Hung, Yen-Hsu Chen (2019, Nov). Tellimagrandin II, A Type of Plant Polyphenol Extracted from *Trapa bispinosa* Inhibits Antibiotic Resistance of Drug-Resistant *Staphylococcus aureus*. *International Journal of Molecular Sciences*, 2019 Nov 18;20(22). pii: E5790. (SCI/IF=4.183; Rank=26.1)
27. **Wen-Hung Wang (王文宏)**, Chih-Yen Lin, Max R. Chang Ishcol, Aspiro Nayim Urbina, Wanchai Assavalapsakul, Arunee Thitithanyanont, Po-Liang Lu, Yen-Hsu Chen and Sheng-Fan Wang (2019, Jun). Detection of African swine fever virus in pork products brought to Taiwan by travellers. *Emerging Microbes & infections*, 2019; 8(1):1000-2. 本人為第一作者. (SCI/IF=6.212; Rank=14.2%)
28. **Wen-Hung Wang (王文宏)**, Esmeralda Merari Erazo, Max R. Chang Ishcol, Chih-Yen Lin, Wanchai Assavalapsakul, Arunee Thitithanyanont, Sheng-Fan Wang (2020, Jan). Virus-induced pathogenesis, vaccine development, and diagnosis of novel H7N9 avian influenza A virus in humans: a systemic literature review. *Journal of International Medical Research*, 2020 Jan; 48(1):300060519845488. 本人為第一作者. (SCI/IF=1.287; Rank=86%)
29. Chun-Kuang Lin, Chin-Kai Tseng, Yu-Hsuan Wu, Chun-Yu Lin, Chung-Hao Huang, **Wen-Hung Wang (王文宏)**, Chih-Chuang Liaw, Yen-Hsu Chen, Jin-Ching Lee (2018, Nov). Prostatin Impairs Epithelial Growth Factor Receptor Activation to Suppress Dengue Virus Propagation. *The Journal of Infectious Diseases*, 2019 Apr 16;219(9):1377-1388. (SCI/IF=5.186; Rank=10.2%)
30. Shih-Hao Lo, Yung-Yun Chang, Ya-Ting Jao, **Wen-Hung Wang (王文宏)**, Po-Liang Lu, Yen-Hsu Chen (2018, Aug). *Capnocytophaga sputigena* pneumonia and bacteremia in a patient with diabetes and gastric cancer. *Journal of Microbiology, Immunology and Infection*, 2018 Aug;51(4):578-579. (SCI/IF=2.094; Rank=65.1)



31. Chun-Yuan Lee, Yu-Ting Tseng, Wei-Ru Lin, Yen-Hsu Chen, Jih-Jin Tsai, **Wen-Hung Wang (王文宏)**, Po-Liang Lu and Hung-Chin Tsai (2018, Jul). AIDS-related opportunistic illnesses and early initiation of HIV care remain critical in the contemporary HAART era: a retrospective cohort study in Taiwan. *BMC infectious Disease*, BMC Infect Dis. 2018 Jul 28;18(1):352. (SCI/IF=2.62; Rank=50%)
32. Shin-Huei Kuo, Wei-Ru Lin, Jun-You Lin, Chung-Hao Huang, Ya-Ting Jao, Pei-Wen Yang, Jong-Rung Tsai, **Wen-Hung Wang (王文宏)**, Yen-Hsu Chen, Ching-Tzu Hung, Po-Liang Lu (2018, Jun). The epidemiology, antibiograms and predictors of mortality among critically-ill patients with central line-associated bloodstream infections. *Journal of Microbiology, Immunology and Infection*, 51(3):401-410. (SCI/IF=2.094; Rank=65.1%)
33. Shang-Yi Lin, Hung-Pin Tu, Po-Liang Lu, Tun-Chieh Chen, **Wen-Hung Wang (王文宏)**, Inn-Wen Chong, Yen-Hsu Chen (2018, May). Metformin is associated with a lower risk of active tuberculosis in patients with type 2 diabetes. *Respirology*, 2018 Nov;23(11):1063-1073. (SCI/IF=4.407; Rank=16.7%)
34. Wei-Chun Chen, Chin-Kai Tseng, Chun-Kuang Lin, Shen-Nien Wang, **Wen-Hung Wang (王文宏)**, Shih-Hsien Hsu, Yu-Hsuan Wu, Ling-Chien Hung, Yen-Hsu Chen, and Jin-Ching Lee (2018, Feb). Lucidone suppresses dengue viral replication through the induction of heme oxygenase-1. *Virulence*, 2018; 9(1):588–603. (SCI/IF=4.775; Rank=24.05%)
35. Ying-Feng Chang<sup>1</sup>, **Wen-Hung Wang (王文宏)**<sup>1</sup>, Yi-Wei Hong, Ruei-Yu Yuan, Kuan-Hsuan Chen, Yu-Wen Huang, Po-Liang Lu, Yen-Hsu Chen, Yi-Ming Arthur Chen, Li-Chen Su, and Sheng-Fan Wang (2018, Jan). Simple Strategy for Rapid and Sensitive Detection of Avian Influenza A H7N9 Virus Based on Intensity-Modulated SPR Biosensor and New Generated Antibody. *Analytical Chemistry*, 2018 Feb 6;90(3):1861-1869. 本人為共同第一作者. (SCI/IF=6.042; Rank=4/81=4.9%, 引用次數=81)
36. Lin CY, **Wen-Hung Wang (王文宏)**, Chen SH, Chang YW, Hung LC, Chen CY, Chen YH (2017, Dec). Lipopolysaccharide-Induced Nitric Oxide, Prostaglandin E2, and Cytokine Production of Mouse and Human Macrophages Are Suppressed by Pheophytin-b. *International Journal of Molecular Sciences*, 19(6):535-546. (SCI/IF=3.226; Rank=32.5%)
37. Huang, CH, Chang, YH, Lin, CY, **Wen-Hung Wang (王文宏)**, Kuan, HC, Hsieh, YJ, Wang, YW, Yang, CH, Chiu, JY, Tsai, SF, Chen, YH, Liu, HH. (2017, Nov). Shared IgG Infection Signatures vs. Hemorrhage-Restricted IgA Clusters in Human Dengue: A Phenotype of Differential Class-Switch via TGFβ1. *Frontiers in Immunology*, 2017 Dec 4;8:1726. (SCI/IF=5.511; Rank=19.35%)

38. Jao YT, **Wen-Hung Wang (王文宏)**, Wang A, Siu LK, Lu PL. (2017, Jul). First report of OXA-48 carbapenemase-producing *Escherichia coli* in Taiwan. *Journal of Microbiology Immunology and Infection*, 50(3):403-404. (SCI/IF=2.094; Rank=65.9%)
39. Kuo CY, **Wen-Hung Wang (王文宏)**, Huang CH, Chen YH, Lu PL (2017, Jul). Resistance to first- and second-line antituberculosis drugs in Southern Taiwan: Implications for empirical treatment. *Journal of Microbiology Immunology and Infection*, S1684-1182(17)30112-3. (SCI/IF=2.094; Rank=65.9%)
40. Sheng-Fan Wang \*, Sung-Pin Tseng, El-Wui Loh, **Wen-Hung Wang (王文宏)**, Ming-Chun Li, Kuan-Hsuan Chen, Wan-Chi Tsai, Yuan-Ming Lee, Huan-Yuan Chen, Fu-Tong Liu, Yi-Ming Arthur Chen, Jason C. Huang (2017, Feb). Generation and characterization of new monoclonal antibodies against swine origin 2009 influenza A (H1N1) virus and evaluation of their prophylactic and therapeutic efficacy in a mouse model. *Developmental and Comparative Immunology*, 67 (2017)8-17. (SCI/IF=3.218; Rank=11.76%)
41. Huang HH, Chen CS, **Wen-Hung Wang (王文宏)**, Hsu SW, Tsai HH, Liu ST, Chang LK (2017, Jan). TRIM5 $\alpha$  Promotes Ubiquitination of Rta from Epstein-Barr Virus to Attenuate Lytic Progression. *Frontiers in microbiology*, 5;7:2129. (SCI/IF=4.076; Rank=20.8%)
42. Huang SW, Li WY, **Wen-Hung Wang (王文宏)**, Lin YT, Chou CH, Chen M, Huang HD, Chen YH, Lu PL, Wang SF, Oka S, Chen YA (2017, Jan). Characterization of the Drug Resistance Profiles of Patients Infected with CRF07\_BC Using Phenotypic Assay and Ultra-Deep Pyrosequencing. *PLoS One*, 2017 Jan 20;12(1):e0170420. (SCI/IF=2.806; Rank=23.4%)
43. Wang SF, Chang K, Loh EW, **Wen-Hung Wang (王文宏)**, Tseng SP, Lu PL, Chen YH, Chen YA (2016, Dec). Consecutive large dengue outbreaks in Taiwan in 2014-2015. *Emerging Microbes & Infections*, 5(12): e123. (SCI/IF=4.012; Rank=17.55%)
44. Sheng-Fan Wang **Wen-Hung Wang (王文宏)**, Ko Chang, Yen-Hsu Chen, Sung-Pin Tseng, Chia-Hung Yen, Deng-Chyang Wu, and Yi-Ming Arthur Chen (2015, Nov). Severe Dengue Fever Outbreak in Taiwan. *American Journal of Tropical Medicine and Hygiene*. 2016, 94(1):193-7. (SCI/IF=2.699; Rank=26.8%)
45. Chen-Chia Hung, Chung-Wen Kuo, **Wen-Hung Wang (王文宏)**, Tzu-Hsuan Chang, Pey-Jium Chang, Li-Kwan Chang, and Shih-Tung Liu\* (2015, Jun). Transcriptional activation of Epstein-Barr virus BRLF1 by USF1 and Rta. *Journal of General virology*, 2015, 96(9):2855-2866. (SCI/IF=3.183; Rank=27.3%)



46. Sheng-Fan Wang, Ko Chang, Ruo-Wei Lu, **Wen-Hung Wang (王文宏)**, Yen-Hsu Cehn, Marcelo Chen, Deng-Chyang Wu, and Yi-Ming Chen (2015, Jun). Large Dengue Virus Type 1 Outbreak in Taiwan. *Emerging Microbes & Infections*, 2015, 4(8):e46. (SCI/IF=2.258; Rank=65.8%)
47. **Wen-Hung Wang (王文宏)**, Chung-Wen Kuo, Li-Kwan Chang, Chen-Chia Hung, Tzu-Hsuan Chang, and Shih-Tung Liu (2015, Jun). Assembly of Epstein-Barr virus capsid in promyelocytic leukemia nuclear bodies. *Journal of Virology*.2015, 89(17):8922-31. 本人為第一作者. (SCI/IF=4.439; Rank=19.7%)
48. **Wen-Hung Wang (王文宏)**, Li-Kwan Chang, Shih-Tung Liu\* (2011, Feb). Molecular Interactions of Epstein-Barr Virus Capsid Proteins. *Journal of Virology*, 85(4), 1615-1624. (SCI). NSC 99-3112-B-182-005. 本人為第一作者. 學位論文. (SCI/IF=4.648; Rank=19.7%, 引用次數=23)

### **BOOK**

1. Wen-Hung Wang, Jason C Huang, Fu-Tong Liu, Sheng-Fan Wang. *The Antiviral Role of Galectins towards Influenza A Virus Infection* (1) (ISBN: 978-93-90014-03-3). VIDE LEAF. 2021.

### **Conference Poster Presentations**

1. W.-H. Wang and S.-T. Liu (2009) Promyelocytic Leukemia nuclear bodies and assembly of Epstein-Barr virus capsid. ASCB meeting, December 6-9, 2009, San Diego, CA, USA.
2. W.-H. Wang and S.-T. Liu (2007) Involvement of BORF1 and BDLF1 in the assembly of Epstein-Barr virus nucleocapsid. Third European Congress of Virology, September 1-5, 2007, Nurnberg, Germany.

### **Doctoral Dissertation**

- W.-H. Wang (2011) Assembly of the Epstein-Barr virus.