Chiou, Shiow-Her

Professor

Professional specialty: Molecular virology, Molecular immunology, Biochemistry

Courses Taught:

Graduate: Advanced molecular biology, Cytokines, Protein structure and function, Advanced Microbiology, Applied molecular genetics

Tel: 04-22851343, 04-22840891 ext 105

E-mail: shchiou@dragon.nchu.edu.tw

Educational Background

PhD, University of Wisconsin-Madison, Biochemistry (1992)

BS, National Chung Hsing University, Plant pathology (1984)

Current Position and Professional Career

Professor, Graduate Institute of Microbiology and Public Health, Chung Hsing University (2009 to present)

Reviewer, Research in Veterinary Science (2010-2013)

Reviewer, Journal of Microbiological methods (2010)

Professor, Graduate Institute of Veterinary Microbiology, Chung Hsing University (2006-2009)

Associate professor, Graduate Institute of Veterinary Microbiology, Chung Hsing University (1994-2006)

Scientist I, R & D, GeneLabs Taiwan, INC (Jan to June, 1994)

Consultant, GeneLabs Tech, Redwood city, CA, USA (June to Dec, 1993)

Postdoctoral fellow, UC Medical Center, UC San Francisco, CA, USA (1992-1993)

Honors

Teaching Service Medal Certificate, Executive Yuan (2005, 2013)

Patents

1. Australia Patent number 2012396113. Valid from Dec 5, 2012 to Dec 5, 2032.
2. USA Patent number US 10,336,801 B2. Valid from Dec 5, 2012 to Dec 5, 2032
3. European Patent 2930189. Valid from Dec 5, 2012 to Dec 5, 2032
4. Japan Patent number 6174710. Valid from Dec 5, 2012 to Dec 4, 2032

Selected Publications (After 2016)

1. Holl NJ, Dey M, Huang YW, **Chiou SH**, Lee HJ. 2021. Lactoferricin-Derived L5a Cell-Penetrating Peptide for Delivery of DNA into Cells. ***Methods in Molecular Biology*** 2211: 113-122.

2. Lee HJ, Huang YW, **Chiou SH**, Aronstam RS. 2019. Polyhistidine facilitates direct membrane translocation of cell-penetrating peptides into cells. ***Scientific Reports*** 9: 9398. (Ranking in Multidisciplinary Sciences 17/71 =23.9%, SCI)
3. Joseph NA, **Chiou SH***, Lung Z, Yang CL, Lin TY, Chang HW, Sun SH*, Gupta SK, Yen L, Wang SD, Chow KC*. 2018. The role of HGF-MET pathway and CCDC66 cirRNA expression in EGFR resistance and epithelial-to-mesenchymal transition of lung adenocarcinoma cells. ***Journal of Hematology & Oncology*** 11: 74. (2019 Impact factor 11.059, Ranking in Hematology 5/134 =3.7%, SCI)
4. Hung YC, Chen TC, **Chiou SH***, Chow KC*, Lin TY, Chuang CS, Lin SH, Wu KH, Wang SD. 2018. Prenatal enterovirus 71 infection and its correlation with pediatric autistic patients – a possibility of non-genetic cause and the potential treatment target. ***Neuropsychiatry*** 8: 1940-1948.
5. Yang CL, **Chiou SH***, Tai WC, Joseph NA, Chow KC*. 2017. Trivalent chromium induces autophagy by activating sphingomyelin phosphodiesterase 2 and increasing cellular ceramide levels in renal HK2 cells. ***Molecular Carcinogenesis*** 56: 2424-2433.
6. Chen CC, Chiou SH, Yang CL, Chow KC, Lin TY, Chang HW, You WC, Huang HW, Chen CM, Chen NC, Chou FP, Chou MC. 2017. Secreted gelsolin desensitizes and induces apoptosis of infiltrated lymphocytes in the prostate cancer. ***Oncotarget*** 8: 77152-77167.
7. Yang PC, **Chiou SH**, Huang CW, Lee YJ. 2017. Systemic lupus erythematosus and Sjögren-like syndrome in a poodle. ***Taiwan Veterinary Journal*** 43: 17-21.
8. Fan YH, Lin YL, Hwang YC, Yang HC, Chiu HC, **Chiou SH***, Jong MH, Chow KC, Lin CC. 2016. T-cell factor-4 and MHC upregulation in pigs receiving a live attenuated classical swine fever virus (CSFV) vaccine strain with interferon-gamma adjuvant. ***Veterinary Journal*** 216: 148-156. (Ranking in Veterinary Sciences 25/138=18.1%, SCI)
9. Chen YC, Chi LM, Chow KC, **Chiou SH***, Fan YH, Ho SP, Hsu YC, Hwang YC, Wu MX, Lee WM, Lin SL, Tsang CL, Mao FC. 2016. Association of anticardiolipin, antiphosphatidylserine, anti-β_2 glycoprotein I, and antiphosphatidylcholine autoantibodies with canine immune thrombocytopenia. ***BMC Veterinary Research*** 12: 106. (Ranking in Veterinary Sciences 27/138=19.5%, SCI)

Updated:2021/08/01