

## SHIH-SHUN LIN (林詩舜)

<b>POSITION/AFFILIATIONS</b> PROFESSOR, INSTITUTE OF BIOTECHNOLOGY, NATIONAL TAIWAN UNIVERSITY	<b>CONTACT INFORMATION</b> 81, Chang-Xing ST. Taipei, Taiwan TEL: +886-2-33666023 FAX: +886-2-33666001 E-mail: linss01@ntu.edu.tw		
<b>EDUCATION</b>			
<b>INSTITUTION AND LOCATION</b>	<b>DEGREE</b>	<b>YEAR(S)</b>	<b>FIELD OF STUDY</b>
National Chung-Hsing University	B.S.	1996	Horticulture
National Chung-Hsing University	Ph.D	2001	Biotechnology

### **Positions and Employment** (含現職，由最近者往前追溯)

- 2018 - now     **Professor**, Institute of Biotechnology, National Taiwan University, Taiwan
- 2018 - now     Adjunct Research Fellow, Center of Biotechnology, National Taiwan University, Taiwan
- 2018 - now     Adjunct Research Fellow, Agricultural Biotechnology Research Center, Academia Sinica, Taiwan
- 2014 - 2018     Associate professor, Institute of Biotechnology, National Taiwan University, Taiwan
- 2008 - 2014     Assistant professor, Institute of Biotechnology, National Taiwan University, Taiwan
- 2003 - 2008     Postdoctoral Fellow, The Rockefeller University, New York, USA

### **Selected publications** (\*corresponding author) (請擇代表著作，時間先後順序由最近者往前追溯)

1. Hong, S.F., Fang, R.Y., Wei, W.L., Jirawitchalert, S., Pan, Z.J., Hung, Y.L., Pham, T.H., Chiu, Y.H., Shen, T.L., Huang, C.K.\*, and **Lin, S.S.\*** 2023. Development of an assay system for the analysis of host RISC activity in the presence of a potyvirus RNA silencing suppressor, HC-Pro. *Virology Journal* 20:10
2. Chiu, Y.-H.; Hung, Y.-L.; Wang, H.-P.; Wei, W.-L.; Shang, Q.-W.; Pham, T.H.; Huang, C.-K.; Pan, Z.-J.\*; **Lin, S.-S.\*** 2021. Investigation of P1/HC-Pro-mediated ABA/calcium signaling responses via gene silencing through high- and low-throughput RNA-seq approaches. *viruses* 13: 2349.
3. Sanobar, N., Lin, P.C., Pan, Z.J., Fang, R.Y., Tjita, V., Chen, F.F., Wang, H.C., Tsai, H.L., Wu, S.H., Shen, T.L., Chen, Y.H., **Lin, S.S.\*** 2021. Investigating the viral suppressor HC-Pro inhibiting small RNA methylation through functional comparison of HEN1 in angiosperm and bryophyte. *viruses* 13:1837
4. Hu, S.F., Wei, W.L., Hong, S.F., Fang, R.Y., Wu, H.Y., Lin, P.C., Sanobar, N., Wang, H.P., Sulistio, M., Wu, C.T., Lo, H.F., **Lin, S.S.\***. 2020. Investigation of the effects of P1 on HC-Pro-mediated gene silencing suppression through genetics and omics approaches. *Botanical Studies* 61:22
5. Liao, Y.T.\*, **Lin, S.S.\***, Lin, S.J., Shen, B.N., Cheng, H.P., Lin, C.P., Ko, T.P., Chen, Y.F., Sun, W.T., Wang, H.C. 2019. Structural insights into the interaction between phytoplasmal effector causing phyllody 1 (PHYL1) and MADS transcription factor. *Plant Journal* 100:706-719
6. Chen, Y.H., Shyu, Y.T.\*, **Lin, S.S.\*** 2018. Characterization of candidate genes involved in halotolerance using high-throughput omics in the halotolerant bacterium *Virgibacillus chiguensis*. *PLOS ONE* 13(8):e0201346
7. **Lin, S.S.\***, Bowman, J.L. 2018. MicroRNAs in *Marchantia polymorpha*. *New Phytologist*. 220:409-416
8. Cheng, C.H., Shen, B.N., Shang, Q.W., Liu, L.Y.D., Peng, K.C., Chen, Y.H., Chen, F.F., Hu, S.F., Wang, Y.T., Wang, H.C., Wu, H.Y., Lo, C.T.\*, **Lin, S.S.\*** 2018. Gene-to-gene network analysis of the mediation of plant innate immunity by the eliciting plant response-like 1 (Epl1) elicitor of *Trichoderma Formosa*. *Mol. Plant Microbe Interact.* 31:683-691