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Education

2008/06, Doctor of Plant Pathology, National Chung-Hsing University

1993/06, Master of Plant Pathology, National Chung-Hsing University

1991/06, Bachelor of Plant Pathology, National Chung-Hsing University

Speciality

Plant Pathology

Plant Bacteriology

Plant Disease Diagnosis

Integrated Disease Management on Bacterial Wilt

Experience

2015/08- Assistant Professor, Department of Plant Medicine, National Chiayi University

2009/01-2015/07 Associate Specialist, Bacteriology Unit, AVRDC – The World Vegetable Center

1996/08-2008/12 Principal Research Assistant, Bacteriology Unit, AVRDC – The World Vegetable Center

1995/11-1996/06 Specialist, King Car Biotechnology Industrial Company, LTD.

Academic researches

1. **Lin, C.-H.**, Wang, J.-F., Wu, Y.-F. and Cheng, A.-H. 2015. Phylotype II race 3 biovar 2 strain of *Ralstonia solanacearum* in Taiwan: survival potential and virulence on tomato, eggplant, and pepper. *Acta Hort. (ISHS)* 1069:293-299.
2. **Lin, C.-H.**, Chuang, M.-H., and Wang, J.-F. 2015. First report of bacterial wilt caused by *Ralstonia solanacearum* on chard in Taiwan. *Plant Dis.* 99 (2):282. (SCI)
3. **Lin, C.-H.**, Tsai, K.-C., Prior, P., and Wang, J.-F. 2014. Phylogenetic relationships and population structure of *Ralstonia solanacearum* isolated from diverse origins in Taiwan. *Plant Pathology* 63:1395-1403. (SCI)
4. **Lin, C.-H.**, Wang, J.-F, Wu, Y.-F., and Cheng, A.-S. 2014. Monitoring *Ralstonia solanacearum* strains causing potato brown rot in Taiwan and their virulence on tomato, eggplant, and pepper. The 13th International Conference on Plant Pathogenic Bacteria. 8-13 June 2014, Shanghai, China. (poster)
5. **Lin, C.-H.** and Wang, J.-F. 2014. Identification of phylotype IIB sequevar 1 strains of *Ralstonia solanacearum* from potato in Taiwan and their virulence on tomato, eggplant, and pepper. *Plant Pathol. Bull.* 23(2):186-187. (oral)
6. **Lin, C.-H.**, Chuang, M.-H., and Wang, J.-F. 2013. Development of a seedling grow-out assay for *Xanthomonas campestris* pv. *campestris* of crucifer seeds. *Plant Pathol. Bull.* 22(2):193-194. (oral)
7. Wu, Y.-F., Cheng, A.-S., **Lin, C.-H.**, and Chen, C.-Y. 2013. First report of bacterial wilt caused by *Ralstonia solanacearum* on roselle in Taiwan. *Plant Dis.* 97 (10):1375. (SCI)
8. **Lin, C.-H.**, Wang, J.-F., Wu, Y.-F., Cheng, A.-H. 2013. Phylotype II race 3 biovar 2 strain of *Ralstonia solanacearum* in Taiwan: survival potential and virulence on tomato, eggplant, and pepper. The Fourth International Symposium on Tomato Diseases, 24-27 June 2013, Florida, USA. (oral)
9. **Lin, C.-H.**, Chuang, M.-H., and Wang, J.-F. 2012. Assessment of ISTA seed detection procedure for *Xanthomonas campestris* pv. *campestris* on cruciferous seed. *Plant Pathol. Bull.* 21(2):163-164. (oral)

10. Wu, Y.-F., **Lin, C.-H.**, Wang, J.-F., and Cheng, A.-S. 2011. Population density of *Ralstonia solanacearum* potato strain, phylotype II/race 3/biovar 2, and incidence of potato bacterial wilt in fields in Dounan, Yunlin County. *Plant Pathol. Bull.* 20:68-77. (in Chinese)
11. Hanson, P., Lin, L.-J., Luther, G. C., Tsai, W.-S., Srinivasan, R., Chen, C.-H., **Lin, C.-H.**, Sheu, Z.-M., and Lu, S.-F. 2011. Procedures for tomato variety field trials. AVRDC International Cooperators' Guide. AVRDC Publication No. 11-751. 10 p.
12. **Lin, C.-H.** and Wang, J.-F. 2011. Phosphorous acid salt: a promising chemical to control tomato bacterial wilt. Technical Innovation Brief No.13.
13. **Lin, C.-H.**, Prior, P., and Wang, J.-F. 2011. Variability of *Ralstonia solanacearum* from diverse sources in Taiwan. The Fifth International Bacterial Wilt Symposium. 20-24 June 2011, Wuhan, China. (poster)
14. **Lin, C.-H.** and Wang, J.-F. 2010. Managing bacterial diseases of tomato. Pages 61-68 in: Safer tomato production techniques: A field guide for soil fertility and pest management. R. Srinivasan eds. AVRDC Publication No. 10-740. 97 p.
15. Wang, J.-F. and **Lin, C.-H.** 2010. Spatial variation of virulence of race 1 phylotype I strains of *Ralstonia solanacearum* collected from tomato in Taiwan. The 12th International Conference on Plant Pathogenic Bacteria. 7-11 June 2010, Saint Denis, Reunion, France. (poster)
16. **Lin, C.-H.**, Chuang, M.-H., and Wang, J.-F. 2010. Application of phosphorous acid solution to enhance host resistance to bacterial wilt in tomato. The 12th International Conference on Plant Pathogenic Bacteria. 7-11 June 2010, Saint Denis, Reunion, France. (poster)
17. **Lin, C.-H.**, Chuang, M.-H., and Wang, J.-F. 2010. Evaluation of phosphorous acid and salicylic acid to control bacterial wilt of tomato. *Plant Pathol. Bull.* 19:88-89. (oral)
18. Wu, Y.-F., **Lin, C.-H.**, Chen, T.-M., Huang, Y.-F., Chen, S.-H., Wang, J.-F., and Cheng, A.-S. 2010. Ecological survey of brown rot of potato in Dounan, Yunlin. *Plant Pathol. Bull.* 19:87. (oral)

19. **Lin, C.-H.**, Hsu, S.-T., Tzeng, K.-C., and Wang, J.-F. 2009. Detection of race 1 strains of *Ralstonia solanacearum* in field samples in Taiwan using a BIO-PCR method. *European Journal of Plant Pathology* 124:75-85. (SCI)
20. **Lin, C.-H.**, Luther, K., and Wang, J.-F. 2009. Use of *Brassica* green manure to control tomato bacterial wilt. *Plant Pathol. Bull.* 18(1):76-77. (oral)
21. **Lin, C.-H.**, Prior, P., Hsu, S.-T., Tzeng, K.-C., and Wang, J.-F. 2009. Genetic diversity and virulence of *Ralstonia solanacearum* strains isolated from different hosts in Taiwan. *Plant Pathol. Bull.* 18(1):74-75. (oral)
22. **Lin, C.-H.** 2008. Application of population profiling and detection of *Ralstonia solanacearum* on integrated management of tomato bacterial wilt. Department of Plant Pathology, NCHU. 101 p. (Ph.D. dissertation)
23. **Lin, C.-H.**, Hsu, S.-T., Tzeng, K.-C., and Wang, J.-F. 2008. Application of a preliminary screen to select locally adapted resistant rootstock and soil amendment for integrated management of tomato bacterial wilt in Taiwan. *Plant Disease* 92:909-916. (SCI)
24. Wu, D.-L., **Lin, C.-H.**, Sheu, Z.-M., and Palada, M. 2008. Selection of Phytophthora blight and bacterial wilt tolerance in sweet pepper lines as rootstocks. *J. Taiwan Soc. Hort. Sci.* 54:47-58. (in Chinese)
25. **Wang, J.-F.**, Luther, K., Ho, F.-I., **Lin, C.-H.**, and Kirkegaard, J. 2008. Evaluation of Brassica accessions as potential biocidal green manure to control tomato bacterial wilt. Third International Biofumigation Symposium, CSIRO Discovery Centre, Canberra, Australia. 21-25 July 2008. (oral)
26. **Wang, J.-F.** and **Lin, C.-H.** 2007. Detection of *Ralstonia solanacearum* from soil and water samples by the enrichment PCR method. XVI International Plant Protection Congress, 13-20 October 2007, Glasgow, Scotland. (poster)
27. Cheng, A.-H., Wu, Y.-F., **Lin, C.-H.**, and Wang, J.-F. 2007. Case studies on diagnosis of crop bacterial diseases. Pages 95-107 in: Proceeding on diagnostic technology on plant diseases of quarantine and plant health importance. BAPHIQ, COA, Taipei. (in Chinese)
28. **Lin, C.-H.** and Wang, J.-F. 2007. Tomato bacterial wilt and its integrated management. *Agriculture World* 289:26-31. (in Chinese)

29. **Lin, C.-H.** and Wang, J.-F. 2007. Tomato bacterial spot and its integrated management. *Agriculture World* 289:20-24. (in Chinese)
30. Wang, J.-F. and **Lin, C.-H.** 2005. Integrated management of tomato bacterial wilt. AVRDC Publication No. 05-615. 12 p.
31. Wang, J.-F. and **Lin, C.-H.** 2005. Integrated management of tomato bacterial wilt. AVRDC Publication No. 05-614. 12 p. (in Chinese)
32. Wang, J.-F. and **Lin C.-H.** 2005. Colonization capacity of *Ralstonia solanacearum* tomato strains differing in aggressiveness on tomatoes and weeds. Pages 73-79 in: Bacterial wilt disease and the *Ralstonia solanacearum* species complex. C. Allen, P. Prior., and A. C. Hayward, eds. APS Press, St. Paul, MN.
33. **Lin, C.-H.** and Wang, J.-F. 2004. Formulating locally effective integrated management packages for tomato bacterial wilt. *Phytopathology* 94:S61. (poster)
34. **Lin, C.-H.** and Wang, J.-F. 2003. Formulating locally effective integrated management packages for tomato bacterial wilt. *Plant Pathol. Bull.* 12(4):287. (oral)
35. **Lin, C.-H.** and Wang, J.-F. 2002. An enrichment-PCR method for detecting *Ralstonia solanacearum* from soil and water samples. *Plant Pathol. Bull.* 11:236-237. (oral)
36. **Lin, C.-H.**, Cherng, S.-J., Wang, J.-F., and Huang, P. 2000. Evaluation of resistance to bacterial soft rot in Welsh onion. *Plant Pathol. Bull.* 9:181-182. (oral)
37. Wang, J.-F., **Lin, C.-H.**, Wu, D.-L., Cheng, A.-H., Wang, S.-S., Black, L. L., and Yen, J.-H. 1999. Management of major soil-borne diseases of cherry tomato by grafting onto eggplant rootstock. *Plant Pathol. Bull.* 8:173. (oral)
38. **Lin, C.-H.**, Wu, D.-L., Imai, H., and Wang, J.-F. 1998. Grafting with resistant tomato and eggplant rootstocks to control tomato bacterial wilt. *Plant Pathol. Bull.* 7:216-217. (oral)
39. **Lin, C.-H.**, Hsu, S.-T., and Tzeng, K.-C. 1994. Radish (*Raphanus sativus* L.), a new host of *Pseudomonas solanacearum* in Taiwan. *Plant Pathol. Bull.* 3:147-155.

40. **Lin, C.-H.** 1993. Studies on bacterial wilt of radish caused by *Pseudomonas solanacearum*. Department of Plant Pathology, NCHU. 65 p. (M.S. thesis)