

Bibliography Summary

A. Popular articles, newsletter stories, UC Delivers – 14

B. Peer reviewed publications – 6

C. Technical reports and articles – 18

D. Abstracts – 3

Publications during this review period

A. Popular Articles

1. **Turini, T. A.** and A. Ploeg. 1999. Needle nematode in Imperial Valley. Imperial County Ag Briefs. Sep.
2. **Turini, T. A.** 1999. Disease and nematode problems in carrots. Imperial County Ag Briefs. Sep.
3. **Turini, T. A.** 1999. Control of powdery mildew on lettuce. Imperial County Ag Briefs. Oct.
4. **Turini, T. A.** 1999. Charcoal rot problem in desert cotton areas. Desert Farm and Ranch. 15 Nov.
5. **Turini, T. A.** 1999. Downy mildew of onion. Imperial County Ag Briefs. Nov.
6. **Turini, T. A.** 1999. Response of Upland Cotton to Charcoal Rot. Imperial County Ag Briefs. Nov.
7. **Turini, T. A.** 1999. Tips for diagnosing bacterial diseases. Imperial County Ag Briefs. Dec.
8. **Turini, T. A.** 1999. Few materials are available for lettuce powdery mildew control. Desert Farm and Ranch. 15 Dec.
9. **Turini, T. A.** 2000. Research on control of *Monosporascus* vine decline of melons. Desert Farm and Ranch. 12 Jan.
10. **Turini, T. A.** 2000. Management of *Fusarium* crown and root rot of asparagus by reducing plant stress. Imperial County Ag Briefs. Jan.
11. **Turini, T. A.** 2000. *Monosporascus* vine decline of melons. Imperial County Ag Briefs. Feb.
12. Natwick, E. T., **T. A. Turini** and K. Mayberry. 2000. New geminivirus causes Leaf crumple symptoms on melons. Pest-O-Gram. 15 Feb.

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13. **Turini, T. A.** 2000. Common alfalfa diseases in the low desert. Imperial County Ag Briefs. Mar.
14. Natwick, E. T., K. Mayberry, **T. A. Turini** and R. Gilbertson. 2000. Sanitation practices help manage whitefly, aphids, and virus diseases. Imperial County Ag Briefs. Mar.
15. **Turini, T. A.**, A. Paulus and M. Vilchez. 2000. Lettuce powdery mildew fungicide trial results. Imperial County Ag Briefs. Apr.
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17. **Turini, T. A.** 2000. Melon viruses are widespread in Imperial Valley this season. 5 Jun.
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19. **Turini, T. A.** 2000. Common diseases of melons in the low desert. Imperial County Ag Briefs. Jun.
20. **Turini, T. A.** 2000. High temperature alfalfa diseases in the low desert. Imperial County Ag Briefs. Jul.
21. Natwick, E., **T. A. Turini**, R. Gilbertson and K. Mayberry. 2000. Sanitation practices for whitefly and virus disease control. Pest-O-Gram. 11 Aug.
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23. **Turini, T. A.**, Paulus and M. Vilchez. 2000. Muskmelon powdery mildew fungicide trial results. Imperial County Ag Briefs. Sep. p. 7.
24. **Turini, T. A.** and A. Ploeg. 2000. Management of root-knot nematodes in melons. Imperial County Ag Briefs. Oct.
25. **Turini, T. A.** 2000. Lettuce diseases in the low desert. Imperial County Ag Briefs. Nov.
26. **Turini, T. A.** 2000. Disease concerns for winter crops in Imperial County. Pest-O-Gram. 15 Nov.
27. **Turini, T. A.** 2000. Biology and control of onion downy mildew. Imperial County Ag Briefs. Dec.
28. J. Aguiar, **T. Turini**, E. Natwick, K. Mayberry, M. Rojas and B. Gilbertson. 2000. Cucurbit leaf crumple virus. Coachella Newsletter. Dec.

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29. **Turini, T. A.** 2001. Results of sugar beet powdery mildew fungicide efficacy studies. Imperial County Ag Briefs. Jan.
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56. **Turini, T. A.** and K. S. Mayberry. 2002. Varietal response to *Monosporascus* vine decline. Imperial County Ag Briefs. Oct.
57. **Turini, T. A.** 2002. Cucurbit powdery mildew. Pest-O-Gram. Oct 21.
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62. **Turini, T. A.** 2003. Identification and Control of Leaf Blight Diseases of Carrots. Imperial County Ag Briefs. Mar.

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81. **Turini, T. A.** 2004. Charcoal Rot. Imperial County Ag Briefs. May:4-5.
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139. Le Strange, M. and **T. Turini**. 2008. Statewide processing tomato variety trial-Fresno County results, 2007. University of California Vegetable Notes, Fresno, Kings and Tulare Counties. March. 8-9. *(I assisted with planting, and reviewed the report)*
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141. Hembree, K. and **T. Turini**. 2008. Using Treflan TR-10 in cucurbits at lay-by. Imperial County Agricultural Briefs. 14. *(Because of two field calls that I have had where there were*

misapplications, I approached the other author to write the article and I made substantial contributions to the writing of the article and provided the photos).

142. **Turini, T.A.**, D. Rodriguez, R. Bottoms, K. Bali and J. Stapleton. 2008. Testing use of dazomet and/or solarization for control of soilborne pests of melon in the low desert. UC Plant Protection Quarterly. University of California Cooperative Extension 18:2. pp. 10-17. *(I secured funding, designed the trial, oversaw field work, collected data and wrote the report)*
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150. Koike, S. T., R. Smith, **T. A. Turini** and R. L. Gilbertson. 2009. Vegetable growers helped with damaging thrips vectored viruses. UC Delivers. *(I contributed to the experiments and extension efforts mentioned in this article and I modified the original version.)*

B- Peer reviewed publications

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10. Davis, R. M., **T. A. Turini**, W. D. Gubler, J. J. Stapleton, B. J. Aegerter. 2005. *Monosporascus* vine decline. UC IPM Pest Management Guidelines: Cucurbits. UC ANR Publication 3445.
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15. McCreight, J.D., H.Y. Liu and **T.A. Turini**. 2008. Genetic Resistance to Cucurbit Leaf Crumple Virus in Melon. HortScience. 43: 122-126. *(I provided information regarding commercial incidence and severity in Imperial Valley and I assisted with the field trial at Desert Research and Extension Center.*

16. Davis, R. M., **T. A. Turini**, B. J. Aegerter, W. D. Gubler and J. J. Stapleton R. Gilbertson and W. Wintermantel.. 2008. Cucurbit yellow stunting disorder virus. Cucurbit Pest Management Guidelines. University of California Agriculture and Natural Resources. 3445. *(I was the first to see this virus in CA and send it for positive identification, and assisted with the writing of this article)*

17. Davis, R. M., **T. A. Turini**, B. J. Aegerter, W. D. Gubler and J. J. Stapleton, R. Gilbertson and W. Wintermantel. 2008. Cucurbit aphid-borne yellows virus. Cucurbit Pest Management Guidelines. University of California Agriculture and Natural Resources. 3445. *(William Wintermantel and I saw the importance of including this in the guidelines due to the similarity of symptoms between this virus and the more damaging virus, Cucurbit yellow stunting disorder virus, I assisted with the writing of this article)*

18. T. Hartz, M. Cantwell, J. Mickler, S. Mueller, **T. Turini**. 2008. Cantaloupe Production in California. Vegetable Production Series. University of California Agriculture and Natural Resources. 7218. *(I contributed to the writing of the disease section and provided information regarding desert production)*

19. Baameur, A., T. K. Hartz, **T. Turini**, E. Natwick, E. Takele, J. Aguiar, M. Cantwell and J. Mickler. 2009. Watermelon Production in California. Vegetable Production Series. University of California Agriculture and Natural Resources. 7218. *(I contributed to the writing of this and provided Central Valley and disease information)*

C- Technical reports

1. **Turini, T.A.**, A. Paulus, and M. Vilchez. 2000. Comparison of fungicide efficacy against powdery mildew of lettuce. California Lettuce Research Board Report.

2. **Turini, T. A.**, A. O. Paulus and M. Vilchez, 2001. Management of muskmelon powdery mildew with fungicides. Melon Board Reports 2000.

3. **Turini, T. A.**, E. T. Natwick and C. G. Cook. 2001. Upland cotton varietal response to charcoal rot. Beltwide Cotton Conference Proceedings 2001: 140.
4. **Turini T. A.**, S. Koike, E. Ryder and B. Grube. 2001. Lettuce powdery mildew control. California Lettuce Research Board Reports. 179-189.
5. **Turini, T. A.** and K. S. Mayberry. 2001. Relative susceptibility of muskmelon varieties to powdery mildew. California Melon Research Board Annual Reports.
6. **Turini, T. A.** 2001. Comparison of fungicide efficacy against powdery mildew. California Melon Research Board Annual Reports.
7. Natwick, E. T., **T. A. Turini**, C. G. Cook, R. Gilbertson and Young-Su Seo. 2002. Molecular techniques corroborate resistance to whitefly transmitted Cotton leaf crumple virus. Beltwide Cotton Conference Proceedings 2001: 793-794.
8. **Turini, T. A.** and K. S. Mayberry. 2002. Relative susceptibility of muskmelon varieties to powdery mildew. California Melon Research Board Annual Reports.
9. **Turini, T. A.** 2002. Comparison of fungicide efficacy against powdery mildew. California Melon Research Board Annual Reports.
10. **Turini, T. A.**, S. T. Koike, E. Ryder and B. Grube. 2002. Powdery mildew management. California Lettuce Research Board Annual Reports. pp. 178-186.
11. **Turini, T. A.** 2002. Comparison of fungicides for control of powdery mildew on muskmelon, 2001. F&N Tests 58:V050.
12. **Turini, T. A.** and S.T. Koike. 2002. Comparison of fungicides for control of powdery mildew on iceberg lettuce, 2001. F&N Tests 57:V042.
13. **Turini, T. A.**, K. S. Mayberry. 2003. Relative susceptibility of muskmelon varieties to powdery mildew and *Monosporascus* vine decline. California Melon Research Board Annual Reports.
14. **Turini, T. A.** 2003. Comparison of fungicide efficacy against powdery mildew. California Melon Research Board Annual Reports.
15. **Turini, T. A.**, J.S. Gerik and R.T. Lewellen. 2003. Comparison of fungicides for control of powdery mildew on sugar beets. F&N Tests 58:FC031.
16. **Turini, T. A.** and S.T. Koike. 2003. Comparison of fungicides for control of powdery mildew on iceberg lettuce, 2002. F&N Tests 58:V040.
17. **Turini, T. A.** 2003. Comparison of fungicides for control of powdery mildew on muskmelon, 2002. F&N Tests 58:V052.

18. Coffey, M., J. McCreight and **T. A. Turini**. 2004. Powdery mildew of melon. California Melon Research Board Report.
19. Natwick, E., **T. Turini**, K. Mayberry, R. Gilbertson and W. Wintermantel. 2004. Silverleaf whitefly and associated virus disease problems in cucurbit production in California. Proceedings of the 15th International Plant Protection Congress. p 503.
20. **Turini, T. A.** 2004. Varietal response of cantaloupes to *Monosporascus* vine decline. California Melon Research Board Report.
21. **Turini, T. A.** 2004. Comparison of fungicides for control of powdery mildew on iceberg lettuce. F&N Tests 59:V095.
22. **Turini, T. A.**, J. Aguiar and M. Coffey. 2004. Comparison of fungicides for control of powdery mildew on muskmelon. F&N Tests 59:V096.
23. **Turini, T. A.**, D. J. Brotslaw, J. A. Larios. 2004. Comparison of fungicides for control of onion downy mildew. F&N Tests 59:V097.
24. **Turini, T. A.**, M. Coffey, J. McCreight, M. Matheron. 2004. Influencia de cambios recientes en el control de cenicilla polvorienta en melon'. VII Congreso Internacional en Ciencias Agrícolas Memorias.
25. **Turini, T.**, E. Natwick, K. Mayberry, R. Gilbertson, P. Guzman, M. Sudarshan, Yuong-Su Seo, M. Rojas and W. Wintermantel. 2004. Silverleaf whitefly transmitted geminivirus causes cucurbit leaf crumple disease. Proceedings of the 15th International Plant Protection Congress. p 530.
26. Westerdahl, B., E. Caswell-Chen, **T. A. Turini**, H. S. Meister. 2004. Report to the California Beet Growers Association on Management of the Sugarbeet Cyst Nematode.
27. Pryor, B., **T. Turini**, M. Matheron and R. Cardoza. 2005. Biológico y químico controladas del moho blanco de la lechuga en desierto bajo condiciones. VIII Congreso Internacional en Ciencias Agrícolas Memorias.
28. **Turini, T.** 2005. Comparison of fungicides for control of melon powdery mildew. F&N Tests 60:V124
29. Westerdahl, B., E. Caswell-Chen, **T. A. Turini**, H. S. Meister. 2005. Report to the California Beet Growers Association on Management of the Sugarbeet Cyst Nematode.
30. Stanghellini, M.E., **T.A. Turini**, and I. Masaghi. 2006. Control of vine decline and charcoal rot with in-season fungicide applications. California Melon Board Reports. **Turini, T.A.** 2006. Evaluation of AQ10 as a biological control agent against powdery mildew of melon. Report to the California Melon Research Board.

31. **Turini, T.A.**, J. Stapleton, R. Bottoms, K. Bali and M. Stanghellini. 2006. Report to the California Melon Research Board.
32. Gilbertson, R.L., O. Batuman, M. LeStrange, **T.A. Turini** and D.E. Ullman. 2007. Western Flower Thrips Abundance and Incidence of Tomato Spotted Wilt on Processing Tomato Fields in the Central Valley of California. California Tomato Research Institute Report.
33. **Turini, T.A.**, J. Stapleton, R. Bottoms, K. Bali and M. Stanghellini. 2007. Report to the California Melon Research Board. 99-107.
34. **Turini, T. A.**, J. Stapleton, R. Bottoms and M. E. Stanghellini. 2008. Effect of solarization combined with Basamid G against soil-borne pests of melons. Melon Board Reports. (*I secured the funding, conducted the field trial, oversaw data collection, analyzed the data and wrote the first draft and submitted the final draft*)
35. **Turini, T. A.**, L Schwankl, J. Gerik, K. Hembre and Richard Molinar. 2008. Progress report on the use of fungicides for control of white rot of onions and garlic, 2007-2008. Report to California Garlic and Onion Research Advisory Commission. (*I secured the funding, conducted the field trial, oversaw data collection, analyzed the data and wrote the first draft and submitted the final draft*)
36. Natwick, E. T. and **T. A. Turini**. 2008. Evaluation of Insecticides for Control of Thrips and Suppression of IYSV. Report to California Garlic and Onion Research Advisory Commission. (*I collected the virus incidence data, analyzed it and prepared that portion of the report.*)
37. **Turini, T.A.**, D. Rodriguez, J. Stapleton, K. Bali and M. Stanghellini 2008. Evaluation of Basamid G and solarization for control of *Monosporascus* root rot, 2007. Plant Disease Management Reports (online). 2:V168. The American Phytopathological Society, St. Paul, MN. (*I secured the funding, conducted the field trial, oversaw data collection, analyzed the data and wrote the first draft and submitted the final draft*)
38. Koike, S. T., R. Smith, **T. A. Turini** and R. L. Gilbertson. 2008. Impatiens necrotic spot virus research progress. California Mixed Greens Research Board Annual Report. (*I contributed to the planning of the project and conducted the Fresno County portion of the trial.*)
39. **Turini, T. A.**, L. Schwankl, R. M. Davis, J. Gerik, R. Molinar, K. Hembree. 2008. Comparison of fungicides and biological control agents for control of white rot in the Central San Joaquin Valley of California. Proceedings of the National Allium Conference. (*Assembled cooperators, obtained funding, designed and oversaw implementation, collected data, analyzed data and wrote report.*)
40. **Turini, T. A.**, R. Molinar, K. Hembree, D. Rodriguez, L. Schwankl. 2009. Comparison of fungicides and biological control agents for control of white rot, 2008. Plant Disease Management Reports. Electronic resource. No. 3:V089. (*Assembled cooperators, obtained funding, designed and oversaw implementation, collected data, analyzed data and wrote report.*)

41. **Turini, T. A.** 2008. Influence of vine trimming on processing tomato yield and quality in the Central San Joaquin Valley. California Tomato Research Institute Project Report.
42. Gilbertson, R.L., O. Batuman, M. LeStrange, **T.A. Turini** and D.E. Ullman. 2008. Western Flower Thrips Abundance and Incidence of Tomato Spotted Wilt on Processing Tomato Fields in the Central Valley of California. California Tomato Research Institute Report. (*I contributed to experimental plan, helped conduct the survey in Fresno County commercial field and a greenhouse, conducted the disease management trials at West Side Research and Extension Center, and I wrote part of the report.*)
43. Aegerter, B., G. Miyao, M. LeStrange, S. Stoddard, and **T. Turini.** 2008. UCCE Statewide Powdery Mildew Control Trials, 2008. California Tomato Research Institute Annual Report. (*Conducted model evaluation trial in commercial field and contributed to report.*)
44. **Turini, T. A.** and D. Rodriguez, 2008. Control of melon powdery mildew with new tools. California Melon Research Board Reports. (*Secured funding, directed field work and data collections, analyzed data and wrote report.*)
45. Stoddard, S., B. Aegerter, D. Barrett, T. Hartz, M. LeStrange, G. Miyao, J. Mickler, M. Murray, J. Nunez and **T. Turini.** 2008. UCCE Statewide Processing Tomato Variety Evaluation Trials, 2008. California Tomato Research Institute Annual Report. (*Received seed samples from S. Stoddard, assisted with the field work and some data collection*)
46. **Turini, T. A.** 2009. Influence of vine trimming on processing tomato yield and quality in the Central San Joaquin Valley. California Tomato Research Institute Project Report.
47. Aegerter, B., G. Miyao, **T. Turini,** M. LeStrange and S. Stoddard. 2009. UCCE Statewide Powdery Mildew Control Trials, 2009. California Tomato Research Institute Annual Report. (*Conducted one of four statewide powdery mildew fungicide program trials, wrote my portion of the work and contributed other information on other relevant trials that I conducted independently.*)
48. Koike, S. T., R. Smith, **T. A. Turini** and R. L. Gilbertson. 2009. Impatiens necrotic spot virus research progress. California Mixed Greens Research Board Annual Report.
49. Gilbertson, R.L., O. Batuman, M. LeStrange, **T.A. Turini** and D.E. Ullman. 2009. Western Flower Thrips Abundance and Incidence of Tomato Spotted Wilt on Processing Tomato Fields in the Central Valley of California. California Tomato Research Institute Report. (*I contributed to experimental plan, helped conduct the survey in Fresno County commercial field and a greenhouse, conducted the disease management trials at West Side Research and Extension Center, and I wrote part of the report.*)
50. **Turini, T. A.,** D. Rodriguez. 2009. Comparison of fungicides for control of powdery mildew of melons, 2008. Plant Disease Management Reports. Electronic resource. No. 3:V005. (*I secured funding for the trial, designed and physically applied treatments, collected the data, analyzed the data and wrote the report.*)

51. **Turini, T. A.**, L Schwankl, K. Hembre and Richard Molinar. 2009. Progress report on the use of fungicides for control of white rot of onions and garlic, 2008-2009. Report to California Garlic and Onion Research Advisory Commission.

D- Abstracts

1. **Turini, T. A.**, E. T. Natwick, and C. G. Cook. 2001. Relative susceptibility of upland cotton cultivars and breeding lines to charcoal rot. *Phytopathology* 91 (6): S90.
2. Radewald, K. C., M. E. Stanghellini, D. H. Kim, M. M. Waugh, K. S. Mayberry and **T. A. Turini**. 2001. Vine-decline of melons caused by *Monosporascus cannonballus*: III. Post-harvest disease management strategies. *Phytopathology* 91 (6): S75.
3. Stanghellini, M. E., D. H. Kim, M. M. Waugh, K. C. Radewald, J. J. Sims, H. D. Ohr, K. S. Mayberry, **T. A. Turini** and M. A. McCaslin. 2001. Vine-decline of melons caused by *Monosporascus cannonballus*: I. Pre-plant disease management strategies. *Phytopathology* 91 (6): S84.
4. **Turini, T. A.**, H. R. Azad, D. A. Cooksey and M. D. Rethwisch. 2002. Effect of desert corn flea beetle on sudangrass bacterial leaf blotch severity. Abstract. *Phytopathology*. 92:S82.
5. **Turini, T. A.**, A. R. Dos Santos and K. S. Mayberry. 2003. Relative susceptibility of muskmelon cultivars to vine decline. *Phytopathology*. Vol. 93, No. 6 S85.
6. Hagen, C., E. Natwick, **T. Turini** and R. L. Gilbertson. 2004. Cucurbit leaf crumple virus in Imperial Valley of California: A newly emergent cucurbit infecting geminivirus. *Phytopathology* 94:S37.
7. **Turini, T. A.**, E. T. Natwick, H. S. Meister, H. R. Azad, D. Cooksey and M. D. Rethwisch. 2004. Effect of desert corn flea beetle on severity of bacterial leaf blotch of sudangrass. XXVII Congresso de Fitoptologia. Vol 29:S215.
8. Richardson, J. M., M. E. Matheron and **T. Turini**. 2004. Quinoxifen performance on powdery mildew in low desert melons, 1999-2003. *Phytopathology* 94:S88.
9. McCreight, J. D., M. D. Coffee, **T. A. Turini**, M. E. Matheron. 2005. Field Evidence for a New Race of Powdery Mildew on Melon. *Hort Science*. 40:888.
10. Pryor, B. P., Chitrampalam, M. Matheron and **T. Turini**. 2005. Biocontrol of *Sclerotinia sclerotiorum* in desert-grown winter lettuce using *Coniothyrium minitans*. *Phytopathology*. Vol.95:S85.
11. **Turini, T.** and J. Aguiar. 2005. Comparison of compounds for management of powdery mildew on casaba melon in Imperial County, California. *Phytopathology*, Vol 95. No. 6: S105.

12. **Turini, T. A.** and R. Cardoza. 2006. Response of muskmelon varieties to *Monosporascus* vine decline in California. XXIX Congresso de Fitopatologia. Vol 31:S162.
13. **Turini, T.**, M. Coffee, J. McCreight, J. Aguiar and M. Matheron. 2006. Changes influencing control of cucurbit powdery mildew in Imperial County, California. Program National Association of County Agricultural Agents Conference.
14. **T. A. Turini**, R. E. Cardoza, B. M. Pryor, M. D. Rethwisch. 2006. Influence of application timing on fungicide efficacy against lettuce drop in Imperial County, California. *Phytopathology*. 96:S116.

15. Chitrampalam, P., **T.A. Turini**, B.M. Pryor. 2008. Effect of biocontrol and chemical strategies against lettuce drop caused by *Sclerotinia sclerotiorum* and *S. minor* in desert agroecosystems. *Phytopathology* 98:S38. *(I contributed to the proposal and treatment selection, assisted with conducting the field trials and daily maintenance of trial.)*
16. Batuman, O., **T. A. Turini**, M. LeStrange, S. Stoddard, G. Miyao, D.E. Ullman and R. L. Gilbertson. 2009. Investigation of thrips population and Tomato spotted wilt virus incidence in processing tomatoes in the Central Valley of California. *Phytopathology* 99:S11. *(I contributed to the research planning and execution that lead to this abstract, I reviewed the draft and provided additional information for the person who made the oral presentation.)*
17. **T. Turini**, M. Le Strange and R. Gilbertson. 2009. Response of processing tomato varieties to TSWV under Fresno County, California Conditions. *Phytopathology*. 99:S131. *(I collected the data, analyzed it and wrote the abstract, and prepared the poster associated with it.)*