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Publications

- a) Books, Articles, Chapters and Annual Reports = 08
- b) Papers Published = 140
- c) Conferences/Seminars/Symposia Organized = 35
- d) Presentations/participation in national/international conferences = 50
- e) Publications in Proceedings = 10

a) Books, Articles, Chapters and Annual Reports

1. Shahid, A.A., Yasin, S., Inam-ul-Haq, M., Ali, M. and **Haider, M.S.** (2013). Use of rhizobacteria for the management of soft rot disease of potato. ATINER CONFERENCE PAPER SERIES No: AGR2013-0770 5.
2. Saeed F., **Haider M. S.** and Shafiq M. (2012) Biotypes of Whitefly (*Bemisia tabaci*) in Pakistan. LAP Lambert Academic Publishing, ISBN 978-3-8484-1231-0, paperback, 56 Pages
3. Qureshi F., **Haider M. S.** and Shafiq M. (2012) Molecular Characterization of Begomoviruses isolated from a Weed. LAP Lambert Academic Publishing ISBN 978-3-8484-9934-2, paperback, 68 Pages
4. Javed S, Ahmad R, and **Haider MS** (2012) Phytochemical Investigation of Citrus limetta Peel Oil. 978-3-8484-9789-8, 89 pages VMD Verlag Dr Muller and the German National Library and Online at www.amazon.com
5. Ashfaq, M., Khan A. S. and **Haider M. S.** (2012) Genetics of rice under normal and water stress conditions. LAP Lambert Academic Publishing, ISBN 978-3-8473-2955-8, paperback, 184 Pages
6. **Haider, MS** (1999) Characterization of whitefly-transmitted geminiviruses from Pakistan In “*Research on Plant Viral Diseases in Pakistan*” (1999) ed. Khalid, S., pp 197-199. Agha Jee Printers, Islamabad, Pakistan
7. Markham, P. G., Bedford, I. D., Pinner, M., Liu, S. and **Haider, M. S.** (1993) Variation within the whitefly-transmitted geminiviruses and vector *Bemisia tabaci* (Gennadius). *Annual Report* 1993, AFRC Institute of Plant Science Research, John Innes Centre, Norwich, UK. p38.

b) Papers

1. Mushtaq, S., Shafiq, M., Ashfaq, M., Khan, F., Afzaal, S., Hussain, U., Hussain, M., Balal, R.M. and **Haider, M.S.** (2018). Isolation and morphological

- characterization of novel bacterial Endophytes from Citrus and evaluation for antifungal potential against *Alternaria solani*. *Biologia (Pakistan)*, **64**(1): 119-128. (HEC Recognized Y Category).
2. Mushtaq, S., Shafiq, M., Asim, M. and **Haider, M.S.** (2018). Effect of bacterial endophytes isolated from citrus on the physiology of *Brassica oleracea*. *International Journal of Biosciences*, **12**(6): 225-234.
 3. Mushtaq, S., Shafiq, M., Afzaal, S., Ashraf, T. and **Haider, M.S.** (2018). An uncultured bacterium associated with infection in mandarin (*Citrus reticulata*) in Pakistan. *World Journal of Biology and Biotechnology*, **3**(1): 179-181.
 4. Mahmood, A., **Haider, M.S.**, Ali, Q. and Nasir, I.A. (2017). Multivariate analysis to assess abscisic acid content association with different physiological and plant growth related traits of *Petunia*. *Acta Agriculturae Slovenica*, **109**(2): 175-186.
 5. Qurashi, F., Sattar, M.N., Iqbal, Z. and **Haider, M.S.** (2017). First report of *Cherry tomato leaf curl virus* and associated DNA-satellites infesting an invasive weed *Parthenium hysterophorus*, from Pakistan. *Journal of Plant Pathology*, **99**(1): (**Impact Factor 1.25**).
 6. Sattar, M.N., Qurashi, F., Iqbal, Z. and **Haider, M.S.** (2017). Molecular characterization of *Hollyhock leaf curl virus* and associated DNA-satellites infecting *Malva parviflora* in Pakistan. *Canadian Journal of Plant Pathology*, **39**(2): 229-234 (**Impact Factor 1.25**)
 7. Khalid, S., Zia-ur-Rehman, M., Hameed, U., Ahmad, N., Farooq, A.M. and **Haider, M.S.** (2017). Contruction of a chimeric Mastrebegomo virus by molecular cloning. *International Journal of Agriculture and Biology*. **19**(4): 629-634. (**Impact Factor: 0.758**)
 8. Khalid, S., Zia-ur-Rehman, M., Hameed, U., Saeed, F., Khan, F. and **Haider, M.S.** (2017). Mastrevirus coat protein gene determines the specificity of vector in virus transmission. *International Journal of Agriculture and Biology*, **19**(1): 105–113. (**Impact Factor: 0.758**).
 9. Mahmood, A., **Haider, M.S.**, Ali, Q. and Nasir, I.A. (2017). Multivariate analysis to assess abscisic acid content association with different physiological and plant growth related traits of *Petunia*. *Acta Agriculturae Slovenica*, **109**(2): 175-186
 10. Ashfaq, M., Anjum, M.A., Hafeez, R., Ali, A., **Haider, M.S.**, Ali, M., Chattha, M.B., Ahmad, S.R., Ahmad, F., Khan, F. and Sajjad, M. (2017). First report of *Fusarium equiseti* causing brown leaf spot of Fishtail Palm (*Caryota mitis*) in Pakistan. *Plant Disease*, **101**(5): 840-840 (**Impact Factor: 3.173**; ISSN: 0191-2917)
 11. Ashfaq, M., Mubashar, U., **Haider, M.S.**, Ali, M., Ali, A. and Sajjad, M. (2017). Grain discoloration: An emerging threat to rice crop in Pakistan. *Journal of Animal and Plant Sciences*, **27**(3): 696-707 (**Impact Factor: 0.381**; ISSN: 1018-7081)
 12. Ashfaq, M., **Haider, M.S.**, Ali, M., Shaheen, S., Khan, F. and Mubashar, U. (2017). Molecular diversity and heterosis analysis for rice grain discoloration. *Pakistan Journal of Agricultural Sciences*, **54**(3): 579-587. (**Impact Factor 0.609**)

13. Ashfaq, M., Asghari, Q.A., Hafeez, R., Ali, A., **Haider, M.S.**, Ali, M., Chattha, M.B., Rasheed, A. and Sajjad, M. (2017). Microbial Diversity Associated With Rice Seeds. *Biologia (Pakistan)*, **63**(2): 161-168. HEC recognized Y category.
14. Ahmad, A., Zia-ur-Rehman, M., Hameed, U., Rao, A.Q., Ahad, A., Yasmeen, A., Akram, F., Bajwa, K.S., Scheffler, J., Nasir, I.A., Shahid, A.A., Iqbal, M.J., Husnain, T., **Haider, M.S.** and Brown, J.K. (2017). Engineered Disease Resistance in Cotton Using RNA-Interference to Knock down Cotton leaf curl Kokhran virus-Burewala and Cotton leaf curl Multan betasatellite Expression. *Viruses*, **9**(257): 1-13 (**Impact Factor: 3.173**)
15. Ashfaq, M., **Haider, M.S.**, Ali, A., Ali, M., Mubashar, H., Sajjad, M. and Mubashar, U. (2017). Diversity and correlation analysis in Basmati rice germplasm. *Bangladesh J. Bot.*, **46**(2): 565-574) **Impact Factor: 0.331**).
16. Ashfaq, M., Rashid, A., **Haider, M.S.**, Ali, A., Shahzad, M., Ali, M., Khan, F., Farooq, H.U. and Mubashar, U. (2017). Genetic variability and association study of some quantitative traits in chickpea (*Cicer arietinum* L.). *Int. J. Biol. Biotech.*, **14**(2): 279-282.
17. Ashfaq, M., **Haider, M.S.**, Ali, M., Shaheen, S., Khan, F., Ali, A. and Mubashar, U. (2017). Molecular diversity and heterosis analysis for rice grain discoloration. *Pakistan Journal of Agricultural Sciences*, **54**(2): (**Impact Factor 0.569**)
18. Hameed, U., Zia-Ur-Rehman, M., Ali, S.A., **Haider, M.S.** and Brown, J.K. (2017). First report of Chickpea chlorotic dwarf virus infecting cucumber in Pakistan. *Plant Disease*, 101(5): 848. (**Impact Factor = 3.2**).
19. Khalid, S., Zia-ur-Rehman, M., Hameed, U., Saeed, F., Khan, F. and **Haider, M.S.** (2017). Transmission Specificity and Coinfection of Mastrevirus with Begomovirus. *International Journal of Agriculture & Biology*, **19**(1): 101-113 (**Impact Factor = 0.758**).
20. Shafiq, M., Arif, S., Bibi, A., Ali, M., **Haider, M.S.**, Ashfaq, M., Ahmad, S., Manzoorm M.T., Shahzad, M., Tanveer, A. and Ahmad, A. (2016). Detection and geographical distribution of wolbachia endosymbiont in the natural populations of cotton leafhopper, (*Amrasca devastans*) in Pakistan. *Pakistan Entomologist*, **38**(2): 141-146 (**HEC Recognized “Y” Category**).
21. Ali, A., Ashfaq, M., **Haider, M.S.**, Hanif, S., Ali, M. and Hafeez, R. (2016). Allelopathic potential of *Lantana camara* L. against plant pathogenic bacteria. *Biologia (Pakistan)*, **62**(2): 357-361.
22. Anwar, W., Subhani, M.N., **Haider, M.S.**, Shahid, A.A., Mushtaq, H., Rehman, M.Z.U., Hameed, U. and Javed, S. (2016). First record of *Trichoderma longibrachiatum* as entomopathogenic fungi against *Bemisia tabaci* in Pakistan. *Pak. J. Phytopathol.*, **28**(02): 287-294.
23. Shafiq, M., Mushtaq, S., Ahmad, M., Nisar, A., Rehan, M.A., Bibi, A. and **Haider, M.S.** (2016). Molecular Characterization and Evolutionary Genetic Analysis of *Tomato Leaf Curl Palampur Virus* Infecting *Cucurbita pepo* L. in Pakistan. *Archives of Virology* (submitted).
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 26. Ghaffar, R., Anwar, W., Imtiaz, K., Shafiq, M., Subhani, M.N. and **Haider, M.S.** (2016). Diversity of internal transcribed spacer (ITS) region of *Fusarium* isolates in Pakistan. *Journal of Animal and Plant Sciences*, **26**(5): 1368-1373 (**Impact Factor: 0.422**).
 27. Iqbal, M.J., Hussain, W., Zia-ur-Rehman, Hameed, U. and **Haider, M.S.** (2016). First report of chilli leaf curl virus and associated alpha- and beta-satellite DNAs infecting nettle weed (*Urtica dioica*) in Pakistan. *Plant Disease*, **100**(4): 870. (**Impact Factor 3.2**).
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 29. Ashfaq, M., Mubarak, R., Saleem, M.Y., Ali, A., Ali, M. and **Haider, M.S.** (2016). Quantitative disease study of early blight of tomato under natural field conditions. *International Journal of Agriculture & Applied Sciences*, **8**(1): 31-34.
 30. Ali, A., Ashfaq, M., **Haider, M.S.**, Hafeez, R. and Ali, M. (2016). Evaluation of phyllospheric bacterial community in some medicinal plants and their antimicrobial activity. *International Journal of Biology & Biotechnology*, **13**(3): 407-413.
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 32. **Haider, M.S.**, Ashfaq, M., Ali, A., Ali, M., Saleem, I. and Mubashar, U. (2016). Morphological characterization of endophytic bacterial strains isolated from discolored rice grain. *Pakistan Journal of Phytopathology*, **28**(1): 1-8.
 33. Majeed, R.A., Shahid, A.A., Ashfaq, M., Saleem, M.Z. and **Haider, M.S.** (2016). First Report of *Curvularia lunata* Causing Brown Leaf Spots of Rice in Punjab, Pakistan. *Plant Disease*, **100**(1): 219. (**Impact Factor 3.2**).
 34. Zia-Ur-Rehman, M., Hameed, U., Herrmann, H.W., Iqbal, M.J., **Haider, M.S.** and Brown, J.K. (2015). Invasion of the dicot-infecting mastrevirus “*Chickpea chlorotic dwarf virus*” in solanaceous hosts in Pakistan. *Phytopathology*, **105**(Suppl. 4): 498. (**Impact Factor 3.2**).
 35. Mushtaq, S., Shafiq, M., Hussain, U., Asim, M. and **Haider, M.S.** (2015) First report of *Pantoea agglomerans* associated with Barnyard grass (*Echinochloa crusgalli* L.) in Pakistan. *Plant Disease*, **99**(7): 1034 (**Impact Factor: 3.02**)
 36. Shahbaz, M., Shahzad, A.N., Khan, H.A.A., Anees, M., **Haider, M.S.** and Fatima, A. (2015). Impact of copper toxicity on stone-head cabbage (*Brassica oleracea* var. *capitata*) in Hydroponics. *Peer J.*, DOI: 10.7717/peerj.1119. (**Impact Factor 2.112**).

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38. Anwar, W., Khan, S.N., Aslam, M., **Haider, M.S.**, Shahid, A.A. and Ali, M. (2015). Exploring fungal flora associated with insects of cotton agroecological zones of Punjab, Pakistan. *Pakistan Entomologist*, **37**(1): 27-31.
39. Iqbal, M.J., Hussain, W., Zia-ur-Rehman, M., Hameed, U. and **Haider, M.S.** (2015). First report of chilli leaf curl virus and associated alpha- and beta-satellite DNAs infecting nettle weed (*Urtica dioica* L.) in Pakistan. *Plant Disease*, **100**(4): 870 (accepted and published online on 17 Nov. 2015) (**Impact Factor 3.02**)
40. Bibi, A., Shafiq, S., Arif, S. Tanveer, A., Manzoor, M.T. and **Haider, M.S.** (2015). First report of the molecular characterization of the endosymbiont *Candidatus portiera* Aleyrodidarum from cotton whiteflies collected from Pakistan. *International Journal of Agriculture & Biology*, **18**: 282-285. (**Impact Factor: 0.902**).
41. Ali, M., Ali, Q., Anwer, S., Khalid, H., Ahmad, A., Ali, A., Shafiq, S., **Haider, M.S.**, Nasir, I.A. and Husnain, T. (2015). Estimation of correlation among various morphological traits of *Coronopus didymus*, *Euphorbia helioscopia*, *Cyperus difformis* and *Aristida abscensionis*. *New York Science Journal*, **8**(4): 47-52.
42. Khalid, H., Ali, Q., Anwer, S., Ali, M., Ahmad, A., Ali, A., Shafiq, S., **Haider, M.S.**, Nasir, I.A. and Husnain, T. (2015). Biodiversity and correlation studies among various traits of *Digeria arvensis*, *Cyperus rotundus*, *Digitaria adscendense* and *Sorghum halepense*. *New York Science Journal*, **8**(4): 37-42.
43. Anwer, S., Ali, Q., Ali, M., Khalid, H., Ahmad, A., Ali, A., Shafiq, S., **Haider, M.S.**, Nasir, I.A. and Husnain, T. (2015). Assessment of association among various morphological traits of *Euphorbia granulate*, *Euphorbia hirta*, *Fumaria indica* and *Parthenium hysterophorus*. *Nature and Science*, **13**(5): 47-51.
44. Ashfaq, M., Shaukat, M.S., Akhter, M., **Haider, M.S.**, Mubashar, U. and Hussain, S.B. (2015). Comparison of fungal diversity of local and exotic rice (*Oryza sativa* L.) germplasm for their seed health. *Journal of Animal and Plant Sciences*, **25**(5): 1349-1357. (**Impact Factor: 0.48**)
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46. Ali, A., Akhtar, N., Bashir, U., Hafeez, R. and **Haider, M.S.** (2015). Morphological and biochemical characterization of bacteria isolated from milk products. *Biologia (Pakistan)*, **61**(2): 271-277.
47. Hafeez, R., Akhtar, N., Shoaib, A., Bashir, U., **Haider, M.S.** and Awan, Z.A. (2015). First report of *Geotrichum candidum* from Pakistan causing postharvest sour rot in Loquat (*Eriobotrya japonica*). *Journal of Animal & Plant Sciences*, **25**(5): 1737-1740 (**Impact Factor: 0.448**).
48. Khan, H.A.A., Akram, W. and **Haider, M.S.** (2015). Genetics and mechanism of resistance to deltamethrin in the house fly, *Musca domestica* L., from Pakistan. *Ecotoxicology*, **24**(6): 1213-1220 (**Impact Factor: 2.706**).

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51. Ali, A., **Haider, M.S.** and Ashfaq, M. (2014). Bacterial diversity in some selected agricultural food products. *Bangladesh Journal of Botany*, **43**(2): 219-222 (**Impact Factor: 0.127; ISSN 0253-5416**).
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54. Ali, A., **Haider, M.S.**, Hanif, S. and Akhtar, N. (2014). Assessment of the antibacterial activity of *Cuscuta pedicellata* Ledeb. *African Journal of Biotechnology*, **13**(3): 430-433.
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58. Ali, S., Shahbaz, M., Nadeem, M.A., Ijaz, M., **Haider, M.S.**, Anees, M. and Ali, H.A. (2014). The relative performance of weed control practices in September sown maize. *Mycopath*, **12**(1): 43-51.
59. Ashfaq, M., Ali, A., Nawaz, A., Bashir, U., **Haider, M.S.** and Ali, M. (2014). Isolation and characterization of *Pseudomonas* species associated with tomato wilt. *Biologia (Pakistan)*, **60**(2): 237-242.
60. Ashfaq, M., **Haider, M.S.**, Ali, A., Hanif, S. and Mubashar, U. (2014). Screening of diverse germplasms for genetic studies of drought tolerance in rice (*Oryza sativa* L.). *Caryologia (International Journal of Cytology, Cytosystematics and Cytogenetics)*, **67**(4): 296-304 (**Impact Factor: 0.740; ISSN 0008-7114**).
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65. Ali, A., **Haider, M.S.** and Ashfaq, M. (2014). Effect of culture filtrates of *Trichoderma* spp., on seed germination and seedling growth in chickpea – An *in vitro* study. *Pakistan Journal of Phytopathology*, **26**(01): 01-05.
66. Ashfaq, M., Ali, A., **Haider, M.S.**, Ali, M., Abdullah, M. and Mubashar, U. (2014). A role of weed solvents on seed priming of diverse rice germplasm lines. *Journal of Pure & Applied Microbiology*, **8**(3): 2175-2184 (**Impact Factor: 0.017**).
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76. Anwar, W., Shafiq, M., **Haider, M.S.**, Bibi, A. and Khan, S.N. (2013). First report of *Cochliobolus australiensis* causing leaf spot of Bermudagrass in Pakistan. *Journal of Plant Pathology*, **95**(2): 447-452 (**Impact Factor 0.768**).
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c) Conferences/Seminar/Symposia Organized

1. **Muhammad Saleem Haider** (2018). Organized one-day National Seminar on “Looming Water Crisis in Pakistan, Impact & Solution” at LCCI on 12.07.2018.
2. **Muhammad Saleem Haider** (2018). Organized a national seminar on “Future Outlook & Challenges for the Sustainable Management of Insect Pests: Progress & Prospects” at IAGS on 02.05.2018.
3. **Muhammad Saleem Haider** (2018). Organized one-day training on “Current Trends in Halal Food Safety Assurance (Issues/Challenges)” in collaboration with different organizations like Halal Food & Minhaj University, at IAGS on 26.04.2018.
4. **Muhammad Saleem Haider** (2018). Organized an International Seminar on “Resource Conservation for Sustainable Agriculture and Food Security” at IAGS on 19.04.2018.
5. **Muhammad Saleem Haider** (2018). Organized an International Seminar on “Floriculture Industry and Business Opportunities in Pakistan” at IAGS on 06.04.2018.
6. **Muhammad Saleem Haider** (2018). Organized one-day 3-D Designing Workshop on “e-Garden” at IAGS on 08.02.2018.
7. **Muhammad Saleem Haider** (2018). Organized a seminar on “Pest (Termites) Control in Food Processing Industries” at IAGS on 31.01.2018.
8. **Muhammad Saleem Haider** (2017). Organized a seminar on “Peace Activities” at IAGS on 11.12.2017.
9. **Muhammad Saleem Haider** (2017). Organized a seminar on “Climate Change” at IAGS, on 23.11.2018.
10. **Muhammad Saleem Haider** (2017). Organized a one-day 3-D Designing Workshop on “e-Garden” at IAGS on 08.02.2018.
11. **Muhammad Saleem Haider** (2017). Organized a one-day international seminar on “Pest (Termites) Control in Food Processing Industries” in collaboration with C-Shine Group, Pakistan on 31.01.2018. Mr. Soh Che Kin, CEO, Exterminex Asia Pacific Group and Dr. Shawn Cheng, Consultant, Exterminex from Malaysia participated as key speakers.

12. **Muhammad Saleem Haider** (2017). Organized 'Inspiring the Future' Training with students on Peace Promotion in collaboration with Centre for Health and Gender Equality (CHANGE), at IAGS on 26-27 October, 2017.
13. **Muhammad Saleem Haider** (2017). Organized a seminar on "Kitchen Gardening and Seed Distribution" on 21st September 2017 at IAGS.
14. **Muhammad Saleem Haider** (2017). Organized a seminar on "Prospects of Agricultural Research (Current & Future)" on 23rd August 2017 at IAGS.
15. **Muhammad Saleem Haider** (2016). Organized a seminar on 8th December 2016 at IAGS on "*Adhoori Daastan*" delivered by **Mr. Abid Iqbal Khari** (President, Positive Pakistan, Motivator and Cooperate Trainer).
16. **Muhammad Saleem Haider** (2016). Organized a seminar on "Study Abroad" in collaboration with AGOG International (Pvt.) Ltd on 1st December 2016.
17. **Muhammad Saleem Haider** (2016). A Campaign/Seminar on "Importance of Certified Seeds" was organized at IAGS in collaboration with ICS on Thursday, 22nd September 2016.
18. **Muhammad Saleem Haider** (2016). Organized two-day International Conference on "Significance of Potash Use in Pakistani Agriculture" at the IAGS, on October 4-5, 2016.
19. **Muhammad Saleem Haider** (2016). A seminar on "Overseas Scholarship Opportunities and How to Write Motivational Letter" was organized at IAGS, delivered by **Shah Faisal Naeem, Winner of Frasma Scholarship** on 24.05.2016.
20. **Muhammad Saleem Haider** (2016). A seminar on "**Anti-Dengue Day**" was organized at IAGS, delivered by Dr. Shahbaz Ahmad (Entomologist) and Mr. Farman Ahmad Ch., Ph.D. Scholar, IAGS on 6th April 2016.
21. **Muhammad Saleem Haider** (2016). A seminar on "Iqbal Aur Noujwan Nasal" on the eve of 78th Death Anniversary of Great Poet and Philosopher Dr. Allama Muhammad Iqbal was organized on 21st April 2016.
22. **Muhammad Saleem Haider** (2016). Organized a seminar on "How to do productive internship?" delivered by **Dr. Javed Aziz Awan** on 23rd February 2016.
23. **Muhammad Saleem Haider** (2016). Organized a seminar at IAGS on "Kashmir Issue" on 26th February 2016.
24. **Muhammad Saleem Haider** (2016). Organized a seminar on "Landscape aspects of Lahore and needs of research in the field of Landscape", delivered by **Mr. Mustafa Kamal**, Director, Horti Group (Pvt.) Lahore on Tuesday, 9th February 2016.
25. **Muhammad Saleem Haider** (2016). A seminar on "**Post Harvest Technology**", delivered by Dr. Chris Bishop, UK, was organized at IAGS, on 26th January 2016.
26. **Muhammad Saleem Haider** (2015). Organized one-day workshop on "Dengue Management", on 21st December 2015 at IAGS.
27. **Muhammad Saleem Haider** (2015). Organized 2-day Workshop on "Next Generation Sequencing" from 4th to 5th December 2015 at IAGS.
28. **Muhammad Saleem Haider** (2015). Organized 5th International/10th National Conference of Pakistan Phytopathological Society on "Crop Protection for Sustainable Agriculture", from 23rd to 25th November 2015 at IAGS.

29. **Muhammad Saleem Haider (2015).** Organized a Stall of Agricultural products and activities in the “Dawn Sarsabz Pakistan Agri Expo & Conference 2015, held from 19th to 20th March 2015 at Expo Centre, Johar Town, Lahore.
30. **Muhammad Saleem Haider (2014).** Organized an awareness seminar on “Food Safety and Hygiene”, on 13th November 2014 at IAGS.
31. **Muhammad Saleem Haider (2014).** Organized an International Conference on “Stress Biology and Biotechnology: Challenges & Management”, held from 21st to 23rd May 2014 at the Institute of Agricultural Sciences.
32. **Muhammad Saleem Haider (2013).** Organized a seminar on “Policy Adequacy and Awareness on Agriculture Financing” in collaboration with State Bank of Pakistan, Agricultural Credit & Microfinance Department, Karachi, held on 3rd October 2013 at the IAGS.
33. **Muhammad Saleem Haider (2013).** Organized 3-day training workshop on “Cotton Leaf Curl Disease (CLCuD) Diagnostics & Resistance” at the IAGS, from 26th to 28th August 2013, sponsored by USDA through ICARDA.
34. **Muhammad Saleem Haider (2013).** Organized “Invention to Innovation Summit 2013” from 9th to 10th April 2013 in collaboration with ORIC, University of the Punjab, Lahore.
35. **Muhammad Saleem Haider (2013).** Organized “Dawn Sarsabz Pakistan Agri Expo & Conference 2013 at Expo Centre, Johar Town, Lahore.

d) Presentations/Participation in national and international conferences

1. Participated in Conference on Microbiology & Molecular Genetics, on 07.02.2018 organized by the Department of Microbiology & Molecular Genetics, P.U. Lahore.
2. Attended GROW Festival & Launch of Climate Public Expenditure Review (CPER) on 13.12.2017 at College of Earth & Environmental Sciences (CEES), P.U., Lahore.
3. Presented research paper entitled “Infectivity and host pathogen interaction study of chickpea chlorotic dwarf virus L strain isolated from cotton” in the ‘International Virology Conference’, held from 30th to 31st October, 2017 at Toronto, Canada. (sponsored by HEC with amount of Rs.270,000/-).
4. Attended Meeting of Canadian Psychopathological Society and the Canadian Society of Agronomy, held on 18-22 June 2017 at Manitoba, Canada (sponsored by the PU with an amount of Rs.300,000).
5. Attended National Seminar on “Recent Advances and Strategies for Management of Cotton Whitefly in Pakistan”, held on 23rd February 2017 at AARI, Faisalabad.
6. Attended International Conference on Biosciences & Medical Engineering (ICBME 2016) as Invited Speaker, held on 10-11 November 2016 at UTM Johor Bahru, Malaysia (sponsored by UTM, Malaysia).
7. Attended national level meeting on Cotton, held at Islamabad on 26.07.2016.
8. Attended and presented paper titled “Molecular characterization and pathogenicity of *Cucurbita pepo* infecting new variant of tomato leaf curl palampur virus in Pakistan” in the 34th Annual Meeting of the ASV, held from 11-15 July 2015 at Western University, London, Ontario, Canada.

9. Attended Plant & Animal Genome (PAG XXIII) Conference, held in San Diego, CA, USA, from 10th to 14th January, 2015 (sponsored by ICARDA, USDA with an amount of Rs.350,000).
10. Attended and presented paper on “Are we heading towards the third epidemic in cotton: Past, present and future consequences? OR Cotton serving as a melting pot or geminiviruses” in the XIVth International Congress of Bacteriology and Applied Microbiology; XVIth International Congress of Mycology and Eukaryotic Microbiology; and XVth International Congress of Virology, held from 27th July to 1st August 2014 at Montreal, Canada (sponsored by PU with an amount of Rs.338,455).
11. Participated in ‘World Mango Conference & Exhibition’, held on 24-25 June 2014 at University College of Agriculture & Environmental Sciences, Islamia University, Bahawalpur.
12. Attended a seminar on “Genomic-assisted plant breeding approaches – An emerging paradigm for crop improvement” delivered by Dr. Javed Iqbal, Centre of Excellence in Molecular Biology (CEMB) on 12th June 2014.
13. Participated in the seminar on “Effect of global warming on agriculture” by Mr. Haroon Akram Gill, Climate Leader, Climate Reality Project, USA, held on Thursday, 29th May 2014 in the IAGS.
14. Attended a training workshop on “Self esteem & fear of failure” organized by the Career Counseling & Placement Centre, University of the Punjab, held on 15.05.2014 at IAGS.
15. Participated in International Conference of Pakistan Phytopathological Society “Climate Change and Plant Diseases: Challenges and Opportunities”, held from 23-25 January, 2014 at University of Karachi, Karachi.
16. Attended and presented paper on “Characterization of begomoviruses isolated from a weed *Sonchus oleraceus* (Sowthistle) from Pakistan” in 7th International Geminivirus Symposium & 5th International ssDNA Comparative Virology Workshop, held at Hangzhou, China, from 3-9 November 2013 (sponsored by the HEC with an amount of Rs.191,195).
17. Attended “11th Biennial Conference on “Molecular Biosciences – Challenges and Opportunities”, held on 25-28 November 2013 at Faisal Auditorium, University of the Punjab, Lahore, under the auspices of Pakistan Society for Biochemistry and Molecular Biology.
18. Attended the Training Workshop on “Trade in Services”, held on 8th October 2013 at Pearl Continental Hotel, Lahore under the auspices of Pakistan Institute of Trade and Development (PITAD), Ministry of Commerce, Islamabad.
19. Participated in the training workshop on “Trade and Investment”, held at Pearl Continental Hotel, Lahore, from 10th to 11th September 2013.
20. Participated in the conference on “Bio-physicochemical basis for Technopreneurship” – a joint venture of MMG & IBA, held on 2nd April 2013 at Al-Razi Hall, Undergraduate Block, University of the Punjab, Lahore.
21. **Muhammad Saleem Haider**, Zaheer Hussain, Xiang WU, Zafar Ul Ahsan Qureshi, Andrés Velasco-Villa, Shahida Afzaal and Charles Rupperchet (2012) Development of Genetically Recombinant Rabies Vaccine. 2nd Word Congress of Virology, held August, 20-22, 2012, Embassy Suits, Las Vegas, USA.

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