

WAQAS AHMAD

RESEARCH / CONFERENCE PUBLICATIONS

1. **Ahmad, W.**, N.U. Khan, M.R. Khalil, A. Parveen, U. Aimen, M. Saeed, Samiullah, and S.A. Shah. 2008. Genetic variability and correlation analysis in upland cotton. *Sarhad J. Agric.* 24(4): 573-580.
2. **Ahmad, W.**, H. Ziebell, K.M. Chooi, and R.M. MacDiarmid, (2019). Viral suppressors of RNA silencing in grapevine leafroll-associated virus 3. Australasian Plant Pathology Society, November 2019, Melbourne, Australia.
3. **Ahmad, W.**, H. Ziebell, K.M. Chooi, and R.M. MacDiarmid, (2018). Identifying potential viral suppressors of RNA silencing in grapevine leafroll-associated virus 3. Australasian Plant Virology Workshop, Onetangi, Auckland, New Zealand
4. Ali, M., Bari, A., Ibrahim, M., Ahmed, I., Ahmed, U., Zafar, R., **Ahmad, W.**, Saeed, M. and Khalid, M., **2024**. Impact of irrigation schedule and integrated nutrient management on wheat yield and nutrients uptake under semi-arid regions. *Irrigation Science*, pp.1-14.
5. Saeed, M., Ullah, F., Shah, L., **Ahmad, W.**, Ali, M., Munsif, F., Zubair, A., Ibrahim, M., Shah, S.M.A., Uddin, H. and Can, C., **2022**. Identification of Three Novel QTLs Associated with Yellow Rust Resistance in Wheat (*Triticum aestivum* L.) Anong-179/Khaista-17 F2 Population. *Sustainability*, 14(12), p.7454.
6. Saeed, M., Ibrahim, M., **Ahmad, W.**, Tayyab, M., Attacha, S., Khan, M.N., Jadoon, S.A., Shah, S.J., Zeb, S., Shah, L. and Munsif, F., 2022. Molecular Characterization of Diverse Wheat Genetic Resources for Resistance to Yellow Rust Pathogen (*Puccinia striiformis*). *Agronomy*, 12(12), p.2951.
7. Saeed, M., **Ahmad, W.**, Ibrahim, M., Khan, M., Ullah, F., Bari, A., Ali, S., Shah, L., Ali, M., Munsif, F. and Zubair, A., 2022. Differential Responses to Yellow-Rust Stress Assist in the Identification of Candidate Wheat (*Triticum aestivum* L.) Genotypes for Resistance Breeding. *Agronomy*, 12(9), p.2038.
8. Ali, M., A. Bari, M. Ibrahim, I. Ahmed, U. Ahmed, R. Zafar, **W. Ahmad**, M. Saeed and M. Khalid. 2025. Impact of irrigation schedule and integrated nutrient management on wheat yield and nutrients uptake under semi-arid regions. *Irrigation Science*. 43(3): 519-532
9. Ibrahim, M., S. Ahmad, I. Ud Din, W. Ahmad, I. Ahmad, S.H. Khan, I. Ul Haq, J. Zeb and O.A. Sparagano. 2022. Microsatellite analysis revealed potential DNA markers for gestation length and sub-population diversity in Kari sheep. *Animals*. 12(23): 3292
10. Khan, N.U., G. Hassan, M.B. Kumbhar, A. Parveen, U.-e.-A. Um-e-Aiman, W. Ahmad, S.A. Shah and S. Ahmad. 2007. Gene action of seed traits and oil content in upland cotton (*Gossypium hirsutum* L.).
11. Khan, N.U., G. Hassan, K.B. Marwat, S.B. Farhatullah, K. Makhdoom, I. Khan, I.A. Khan and W. Ahmad. 2009. Genetic variability and heritability in upland cotton. *Pak. J. Bot.* 41(4): 1695-1705
12. Khan, N.U., K.B. Marwat, G. Hassan, S.B. Farhatullah, K. Makhdoom, W. Ahmad and H.U. Khan. 2010. Genetic variation and heritability for cotton seed, fiber and oil traits in *Gossypium hirsutum* L. *Pakistan Journal of Botany*. 42(1): 615-625
13. Pandey, N., W. Ahmad, C.K. Chooi KarMun, S. Karunairetnam, A.G. Blouin, H. Ziebell and R.M. MacDiarmid. 2015. PP 06-Characterising the suppressors of silencing encoded by Grapevine leafroll-associated virus 3 and their activity in New Zealand genetic variants [Conference poster].

14. Shah, L., M. Saeed, M. Ibrahim, W. Ahmad, A.R. Umar, A. Sohail and H. Si. 2025. Over-expression analysis of TaDWF4- 4B in mutant wheat lines identifies a candidate regulator of heat stress tolerance. *Plant Stress*. 16: 100822
15. Shah, S.J., S. Bibi, S. Attacha, S.T. Shah, N. Asim, W. Ahmad, M.S. Khan, I. Naz, M. Ibrahim and A. Jamal. 2026. Isolation and molecular characterization of plant growth-promoting rhizobacteria for biocontrol of Fusarium head blight in wheat. *Cereal Research Communications*. 54(1): 503-518
16. Afridi, R., M. Ibrahim, M. Yaqoob, and W. Ahmad (2026). Synergistic Effect of Glyphosate and Polyethylene Microplastics on Culturable Gut Microbiota Alterations in zebrafish. *Environmental Toxicology* : 1–15, <https://doi.org/10.1002/tox.70091>.