

CURRICULUM VITAE

1. Name: Dr. Amjad Abbas
2. Father's Name: Ahmad Ali
3. Nationality: Pakistani
4. Date of Birth: 07-12-1981
5. Marital Status: Married
6. N.I.C. No.: 33201-1570279-1
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8. Countries Visited: Austria, Hungary, Czech Republic, Thailand, Italy
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14. EDUCATIONAL QUALIFICATION

S#	Examination	Year	Division	Subjects
1.	Matric	1997	1 st	Science
2.	F.Sc.	2001	1 st	Pre-medical
3.	B.Sc. (Hons.) Agri.	2005	1 st	Agriculture-Plant Breeding and Genetics
4.	M.Sc. (Hons.) Agri.	2007	1 st	Plant Breeding and Genetics
5.	Ph.D.	2013		Molecular Plant Pathology

Title of M.Sc. Thesis: Genetic studies of some multigenic traits in *Gossypium hirsutum* L.

Name of Supervisor: Dr. Tariq Manzoor

Title of Ph.D. Thesis: Studies on *Arabidopsis* thionins with special emphasis on THI2.4

Name of Supervisor: Assoc. Prof. Dr. Holger Bohlmann

6. OTHER CERTIFICATES/DIPLOMAS:

S#	Name of Diploma etc.	Year	Source	Remarks
1.				
2.				
3.				

7. PROFESSIONAL TRAININGS:

S#	Name of Training	Year	Institute	Remarks
1	One week Training Program "Agriculture and Food Risk Assessment" organized and funded by University of Tennessee, Knoxville, 21-30 October 2016, held in Bangkok Thailand	2016	University of Tennessee, Knoxville	Completed
2	One day Workshop on Laboratory Biosafety	2019	Department of Plant Pathology, University of Agriculture, Faisalabad in collaboration with Pakistan Biological Safety Association (PBSA) on February 11.	Completed
3	Four-day workshop on Hybrid Course Design & Development	2016	U.S-Pakistan Centre for Advanced Studies in Agriculture and Food Security on October 18-21 at UAF	Completed

8. EXPERIENCE:

RESEARCH				
S#	Designation/ Position	From (dd.mm.yyyy)	To (dd.mm.yyyy)	Total Duration (years.months.days)
3.	Assistant Research Officer (Biotechnology Research Institute, AARI)	14-05-2008	31-10-2009	1 year, five months and 17 days

ACADEMIC				
S#	Designation/ Position	From (dd.mm.yyyy)	To (dd.mm.yyyy)	Total Duration (years.months.days)
1.	Assistant Professor (GC University, Faisalabad)	08-05-2013	04-09-2013	0 year-3 months
2.	Assistant Professor	05-09-2013	30-08-2019	6y1m13d
3.	Associate Professor	31-08-2019	The date	5 years 8 months

ADMINISTRATIVE				
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9. OTHER ASSIGNMENTS

- i.
- ii.
- iii.

10. PUBLICATIONS

10a. List of Books published

S#	Authors	Title	Year	Publisher's Details
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1				
2				
3				

10b. List of Book Chapters published

S#	Authors	Title	Year	Publisher's Details
1	Ali, M. A., A. Zahoor, Z. Niaz, H. Seo, M. Jabran, M. Anas, I. Shafique, M. Usama, A. Abbas.	Bioinformatics and Computation Biology. In “Trends in Plant Biotechnology”	2024	Springer Verlag GMBH, Germany.
2	Abbas, A., M. Jabran, A. Zahoor, A. I. M. Hawamda, A. Habib, S. Jamil, M. H. Tanveer, M. A. Ali.	. Plant Proteomic Approaches, Expression of Simple Peptides to Complex Proteins. In “Trends in Plant Biotechnology”	2024	Springer Verlag GMBH, Germany.
3	Abbas, A., M.A. Ali and A. A. Dababat,	Image Analysis and Processing Approach: An Automated Plant Disease Recognition Technology	2022	Plant Disease Assessment. Springer, Singapore. https://doi.org/10.1007/978-981-19-5896-0_4
4	Azeem, F., F. Rashid, M. Shahzadi, A. Abbas, R. Batool, H. Nadeem, A. Moosa, M. H. Siddique, S. Hussain, M. A. Ali.	Endophytes as guardians of plants against diseases	2020	Springer Nature

10d. List of Research papers Published in HEC Recognized Foreign Journals of W Category (HJRS)

S#	Authors	Title	Year	Journal Detail	Impact Factor
1	Zahoor, A., Z. Niaz, M. Jabran, H. Anwar, A. Abbas, A. Haseeb, G. Mustafa, S. Sun, S.H. Yang, and M.A. Ali.	Assessment of tomato germplasms for <i>Mi-1.2</i> -mediated resistance to <i>Meloidogyne incognita</i> : Integrating in-silico dynamics and bioinformatic approaches.	2025	Physiological and Molecular Plant Pathology, 102714.	2.8
2	Jabran, M., M.A. Ali, T. Acet, A. Zahoor, A. Abbas, U.	Growth regulation in bread wheat via novel bioinoculant formulation.	2024	BMC Plant Biology 24, 1039.	4.3

	Arshad, M. Mubashar, M. Naveed, A. Ghafoor & L. Gao.				
3	Batool, A., Farooq, J., Jabran, M., A. Abbas, M.A. Ali .	Exploring Host Resistance and Character Association in Diverse Cotton Germplasm to Manage Cotton Leaf Curl Disease (CLCuD) at Two Hotspots in Punjab, Pakistan.	2024	Journal of Crop Health (Gesunde Pflanzen) 76, 769–782.	2.4
4	Hawamda, A.I.M., S. Reichert, M.A. Ali , M.A. Nawaz, T. Austerlitz, P. Schekahn, A. Abbas, R. Tenhaken, H. Bohlmann	Characterization of an Arabidopsis Defensin-like Gene Conferring Resistance against Nematodes.	2022	Plants	4.67
5	Hawamda, A.I.M., S. Reichert, M.A. Ali, M.A. Nawaz, T. Austerlitz, P. Schekahn, A. Abbas, R. Tenhaken, H. Bohlmann	Characterization of an Arabidopsis Defensin-like Gene Conferring Resistance against Nematodes.	2022	Plants	4.67
6	Omidvar., R. N. Vosseler, A. Abbas, B. Gutmann, C. Grünwald-Gruber, F. Altmann , S. Siddique and H. Bohlmann.	Analysis of a gene family for PDF-like peptides from Arabidopsis	2021	Sci Rep	4.99
7	Ali, M.A., A. Abbas, F. Azeem, M. Shahzadi, H. Bohlmann	The Arabidopsis GPI-Anchored LTPg5 Encoded by At3g22600 Has a Role in Resistance against a Diverse Range of Pathogens.	2020	International Journal of Molecular Sciences	4.556
8	Hawamda, A.I.M., A. Zahoor, A. Abbas, M.A. Ali, Bohlmann, H. The	Arabidopsis RboHB Encoded by At1g09090 Is Important for Resistance against Nematodes.		International Journal of Molecular Sciences	4.556
9	Ikram, A., H. M. U. Aslam, A. Fayyaz, M. W. Alam, A. Moosa, M. Z. Mansha, A. Abbas, M. A. Ali and S. Kanakala.	First Report of Leaf Spot of Pumpkin caused by Curvularia hawaiiensis in Pakistan	2020	Plant Disease	4.438
10	Aslam, S., H.M.U. Aslam, A. Abbas, M. A. Ali, M. W. Alam, L. Amrao, M. Gleason.	First Report of Leaf Spot of Spinach caused by Alternaria Alternata in Pakistan.	2019	Plant Disease	3.809

20e. List of Research papers Published in HEC Recognized Foreign Journals of X Category (HJRS)

S#	Authors	Title	Year	Journal Detail	Impact Factor
1	Arshad, U., M. Raheel, Q. Shakeel, M. Jabran, S. Ahmed, A. Abbas, A. Jabbar, M. S. Zahid, M. A. Ali .	Seed-priming: A novel approach for improving growth performance and induce resistance against root-knot nematode (<i>Meloidogyne incognita</i>) in bread wheat (<i>Triticum aestivum</i> L.).	2022	Gesunde Pflazen (Healthy Plants)	2.09
2	Jabran, M., U. Arshad, H.M.U. Aslam, A. Abbas, A. Haseeb, A. Hussain, S. Hussain, W. Sabir, A. Jabbar and M.A. Ali .	Multivariate analysis of morpho-physiological and grain yield traits in advance lines of bread wheat under different leaf rust disease regimes.	2021	Pakistan Journal of Agricultural Sciences	1.00

3	Nawaz, H., M.A. Ali , R.M. Atif, A. Nawaz and A. Abbas.	Incidence of fusarium wilt in major tomato growing areas of Punjab.	2021	Pakistan Journal of Agricultural Sciences	0.663
4	Anwar, S., M.A. Ali , A. Abbas, K. Wiczorek	Arabidopsis Argininosuccinate Lyase and Argininosuccinate Synthase are important for resistance against <i>Pseudomonas syringae</i> .	2019	Advancements in Life Sciences	0.00

10f. List of Research papers Published in HEC Recognized Foreign Journals of Y Category (HJRS)

S#	Authors	Title	Year	Journal Detail	Impact Factor
1	Naveed, K., M. A. Ali , S. A. Khan, A. Abbas, L. Amrao.	Global status and future prospects of research in cotton leaf curl disease.	2018	Archives of Phytopathology and Plant Protection	0.735

10h. List of Research papers Published in HEC Recognized Local Journals of X Category (HJRS)

S#	Authors	Title	Year	Journal Detail	Impact Factor
1	Jabran, M., U. Arshad, H.M.U. Aslam, A. Abbas, A. Haseeb, A. Hussain, S. Hussain, W. Sabir, A. Jabbar and M.A. Ali.	Multivariate analysis of morpho-physiological and grain yield traits in advance lines of bread wheat under different leaf rust disease regimes.	2021	Pakistan Journal of Agricultural Sciences	1.00
2	Nawaz, H., M.A. Ali, R.M. Atif, A. Nawaz and A. Abbas.	Incidence of fusarium wilt in major tomato growing areas of Punjab.	2021	Pakistan Journal of Agricultural Sciences	0.663
3	Anwar, S., M.A. Ali, A. Abbas, K. Wiczorek	Arabidopsis Argininosuccinate Lyase and Argininosuccinate Synthase are important for resistance against <i>Pseudomonas syringae</i> .	2019	Advancements in Life Sciences	0.00

10i. List of Research papers Published in HEC Recognized Local Journals of Y Category (HJRS)

S#	Authors	Title	Year	Journal Detail	Impact Factor

10j. List of Conference Proceeding Papers/Abstracts etc.

S#	Authors	Title	Year	Publishing Details
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	Afzal, A., M.A. Ali, A. Zahoor, A. Abbas and M. Naveed	Application of different endophytic bacteria in different combinations to control <i>Meloidogyne incognita</i> in tomato (<i>Lycopersicum esculentum</i> L.).	2019	Abstract book, Inter. Conf. on Sustain. Agric. in changing climate: strategies and management.. Rawalakot, Pakistan. pp. 276
	Jabran, M., A. Abbas, G. Sabir, M. Naveed, G. Mustafa, F.A. Joyia, A. Jabbar and M.A. Ali	Agro-ecological prevalence, incidence and severity of brown spot of Rice in major rice growing districts of Punjab, Pakistan.	2019	Abstract book, Inter. Conf. on Sustain. Agric. in changing climate: strategies and management.. Rawalakot, Pakistan. pp. 277
	Tahir, M., M.A. Ali, M.A. Azmat, A. Khan, A. Zahoor and A. Abbas	Consortium application of bacterial and fungal endophytes to control <i>M. incognita</i> in cucumber.	2019	Abstract book, Inter. Conf. on Sustain. Agric. in changing climate: strategies and management.. Rawalakot, Pakistan. pp. 277
	Farroqui, S.H., A. Abbas, A. Jabbar, A. Zahoor and M.A. Ali	Management of <i>Meloidogyne graminicola</i> using different sowing methods and plant host resistance in rice under field conditions.	2019	Abstract book, Inter. Conf. on Sustain. Agric. in changing climate: strategies and management. Rawal Akot, Pakistan. pp. 279

11. List of Seminars/Conferences attended

S#	Organizers	Conference Title/Theme	Year	Presentation (oral/poster)	Other Details
1	University of Poonch, Rawalakot, AJK, Pakistan	International Conf. on Sustainable Agriculture in changing climate: strategies and management.	June 19-21, 2019.	‘Oral presentation	Role of Arabidopsis Thionin-like genes in resistance against beet-cyst nematode (<i>Heterodera schachtii</i>).
2	Bayer Crop Science and Department of Plant Pathology	1st Virtual Bayer Safe Use Ambassador conference	2020	participant	held on 8th September, 2020
3	Higher Education Commission, Pakistan	“Promoting Research Excellence in Academics across Pakistan” (1st and 2nd February, 2022)	2022	participant	Two day workshop

12. List of Seminars/Conferences/Trainings arranged

S#	Organizers	Role	Year	Other Details
1	Webinars organized By Amjad Abbas and Amjad Ali from	Organizer and moderator	01-03-2021	“Introduction to Emerging Technologies like AI, Big data and their possible use in Agriculture field”

	University of Agriculture, Faisalabad in collaboration with DICE Analytics			
2	Engineering and Natural Sciences in Gumushane University, Turkey	Member Scientific Committee	2021	International Conference “Genetics and Bioengineering” Section in International Online Conferences on Engineering And Natural Sciences
3	Department of Plant Pathology, University of Agriculture Faisalabad, Pakistan	Member Local Organizing Committee	2021	7th International Conference of Pakistan Phytopathological Society “Phytopathology: Current Scenario and Future Prospects”
	Department of Plant Pathology, University of Agriculture Faisalabad, Pakistan	Member Organizing Committee	2019	One Day Workshop on Laboratory Biosafety” jointly by Department of Plant Pathology and Pakistan Biological Safety Association at University of Agriculture, Faisalabad on 11 February, 2019

13. List of Graduate Students Supervised

13a. List of Ph.D. Students Supervised as Major Supervisor

S. #	Name of Student	Year	Deptt.	Title	Supervisory Committee
1	Muhammad Rizwan Tufauk	2020	Plant Pathology	Genome Diversity and Virulence Determination of Bacterial Pathogen Associated with Leaf Blight of Cotton	Supervisor
2	Hira Nawaz	2022		Virulence determination and management Fusarium oxysporum involved in tomato wilt	Supervisor (defended but waiting for notification after sy)

13b. List of Ph.D. Students Supervised as Member Supervisory Committee

S. #	Name of Student	Year	Deptt.	Title	Supervisory Committee
1	Hafiz Muhammad Usman	2020	Plant Pathology	Use Of Antagonistic Microbes In the Management of Wilt Disease of Okra	Member of supervisory committee
2	Shehla Riaz	2025	Plant Pathology	Testing the fungus insect host relationship with entomopathogenic fungi-based formulations against fruit fly of Psidium guajava	Member of supervisory committee

13c. List of M.Sc. (Hons.)/M.Phil. Students Supervised as Major Supervisor

S. #	Name of Student	Year	Deptt.	Title	Supervisory Committee
1	Muhammad Usama	2024	Plant Pathology	Effect of Magnetic Seed Treatment on Morpho-Physiological Parameters and Leaf Rust Response in Triticum aestivum L.	Supervisor

2	Muhammad Shahzaib	2024	Plant Pathology	Response of Selected Wheat Germplasm against Leaf and Stripe Rust Disease under Field Conditions	Supervisor
3	Muhammad Shoaib	2023	Botany	Comparison of BCAs Application Method for the Management of Leaf Rust in Bread Wheat	Supervisor
4	Irtza Ahmed	2023	Plant Pathology	Chemical Management of Alternaria Fungus Associated with Blight Disease of Mustard under Field Conditions	Supervisor
5	Umer Farooq	2023	Plant Pathology	Management of Alternaria Leaf Spot Disease in Cabbage through Biological Control Agents	Supervisor
6	Muhammad Asad	2023	Plant Pathology	Management of Downy Mildew Disease of Muskmelon through Chemical Fungicides under Filed Conditions	Supervisor
7	Muhammad Yasir	2023	Plant Pathology	Environment Friendly Management of Early Blight of Tomato through Selected Biocontrol Agents	Supervisor
8	Azeem Maqsood	2023	Plant Pathology	Management of Fusarium-Root Knot Nematode Complex in Tomato through Diverse Bio-Control Agents	Supervisor
9	Ali Raza	2023	Plant Pathology	Chemical Management of Late Blight Disease in Commercial Potato Cultivar under Field Conditions	Supervisor
10	Syada Sana Fatima	2022	Plant Pathology	Use Of Antagonistic Microbes In the Management Of Wilt Disease Of Okra	Supervisor
11	Abdul Rehman	2022	Plant Pathology	Environmental Friendly Management Of Peas Wilt With Selected Bacterial Bio-Control Agents	Supervisor
12	Memoona Bashir	2022	Plant Pathology	Study Of Leaf Spot Disease Of Cauliflower with Emphases On Devising Suitable Management Strategy	Supervisor
13	Muhammad Mubashir Raza	2022	Plant Pathology	Management Of Leaf Spot Disease In Peas Using Bio-Control Agents	Supervisor
14	Muhammad Talha Ashraf	2022	Plant Pathology	In-vitro and in-vivo management of purple blotch disease of onion caused by alternaria porri	Supervisor
15	Numaad Ihsan	2022	Plant Pathology	Biological management of alternaria leaf spot disease of spinach by the application of trichoderma and bacillus	Supervisor
16	Muhammad Ziad	2021	Plant Pathology	Molecular identification and in-vitro chemical management of pathogen related to red rot of sugarcane	Supervisor
17	Ahsan Shabir	2021	Plant Pathology	Characterization of fungal pathogen associated with wilt disease of Chili and management through fungicides	Supervisor
18	Kinza Ahsan	2021	Plant Pathology	ITS based characterisation of Fusarium isolates collected from chickpea core areas and screening for resistant plant genotypes	Supervisor
19	Rafia Tanveer	2021	Plant Pathology	Characterisation and management of novel pathogen associated with fig leaf spot diseases	Supervisor
20	Muhammad Usman Aslam	2021	Plant Pathology	Selection of suitable chemical through in-vitro assay to better manage potato scab disease under storage	Supervisor
21	Iram Khalid	2021	Plant Pathology	Isolation, identification and management of fungal pathogen responsible for chili leaf spot disease	Supervisor
22	Waqar Akram	2021	Plant Pathology	Management of potato scab disease under field conditions by using different biocontrol agents	Supervisor
23	M. Nabeel Afzal	2021	Plant Pathology	Identification of pathogens associated with Convolvulus arvensis and Chenopodium album weeds in wheat crop and control through microbial metabolite	Supervisor

13d. List of M.Sc. (Hons.)/M.Phil. Students Supervised as Member Supervisory Committee

S. #	Name of Student	Year	Deptt.	Title	Supervisory Committee
1	Muhammad Arslan Azmat	2020	Plant Pathology	Effect of novel soil amendments on plant growth and morpho-physiological traits in chillies	Member of supervisory committee
2	Hira Anwar	2020	Plant Pathology	Exploring the biocontrol potential of different <i>Bacillus</i> strains and their consortium to control <i>Meloidogyne incognita</i> in okra (<i>Abelmoschus esculentus</i>)	Member of supervisory committee
3	Abdul Haseeb	2020	Plant Pathology	Deciphering the biocontrol potential of antagonists (Bacteria, Fungus) and low pH product to combat <i>Alternaria</i> leaf spot in Broccoli	Member of supervisory committee
4	Ujala Qamar	2020	Plant Pathology	Novel soil amendments to control <i>Meloidogyne incognita</i> in okra	Member of supervisory committee
5	Hafiza Fakhar-e-Fatima	2020	Botany	Exploring the potential of novel <i>Bacillus</i> spp. for biological control of <i>Meloidogyne incognita</i> in cultivated soybean	Member of supervisory committee
6	Naveed Riaz	2020	Plant Pathology	Varietal response and control of <i>Meloidogyne incognita</i> through consortium application of antagonistic bacterium and fungus in soybean	Member of supervisory committee
7	Mehwish Hussain	2020	M. Phil. Botany	Correlated response of various morpho-physiological characteristics of wheat using correlation and path analysis under the rust disease.	Member of supervisory committee
8	Ali Raza	2021	Plant Pathology	Genome wide identification and Expressional analysis of GST gene family in Tobacco Against Biotic and Abiotic stresses.	Member of supervisory committee
9	Saman Shehzadi	2021	Plant Pathology	Efficacy of biochar application from different feed stocks on plant growth and resistance against root-knot nematodes in tomato	Member of supervisory committee
10	Muhammad Jalil Khan	2021	Plant Pathology	Varietal Diversity of Wheat Germplasm for Metric Traits and Leaf Rust Resistance	Member of supervisory committee
11	Abdul Nasir	2021	Plant Pathology	Using biochar in combination with low pH product and bacterial antagonist for growth promotion and management of root-knot nematode in chili	Member of supervisory committee
12	Samraiz Ashraf	2021	Plant Pathology	Morpho-physiological response of chilli genotypes under different applications of endophytes	Member of supervisory committee
13	Muhammad Zeeshan Mansoor	2022	Plant Pathology	Exploring the potential of host resistance and different management strategies to control <i>Meloidogyne graminicola</i> in <i>Sorghum bicolor</i> L.	Member of supervisory committee
14	Usama Mahboob	2022	Plant Pathology	Management of root knot nematode (<i>Meloidogyne incognita</i>) in soybean through host resistance & novel soil amendments	Member of supervisory committee
15	Usman Ahmad	2022	Plant Pathology	Identification and characterization of pathogen associated with stem cracking disease in <i>Psidium guajava</i> L.	Member of supervisory committee
16	Junaid Asghar	2022	Plant Pathology	Seed application of different antagonistic microbes to manage root-knot nematodes in garden pea (<i>Pisum sativum</i> L.)	Member of supervisory committee

17	Aqsa Muazzam	2022	Plant Pathology	Identification and chemical management of fungal pathogens of maize seed under storage conditions	Member of supervisory committee
18	Abdul Qadeer	2022	Plant Pathology	Management of leaf rust of wheat caused by <i>Puccinia triticina</i> through nutritional amendments and biocontrol agents	Member of supervisory committee

14a. Research Projects completed

S. #	Title of the research project	Position	Duration (From-To)	Amount (Million Rs)	Donor
1.	Molecular characterization of <i>Fusarium Oxysporum</i> f. sp. <i>ciceris</i> and Evaluation of available chickpea germplasm for resistance with emphasis on the identification of chickpea-specific APMs	PI	2018-2022	2.6	HEC
2.	Weed suppression in wheat through weed specific microbial pathogens and their active metabolites	PI	2018-2022	2.451	HEC

14b. Research Projects Ongoing

S. #	Title of the research project	Position	Duration (From-To)	Amount (Million Rs)	Donor
1.	Quality seed production and supply to the farming community for ensuring food security in Pakistan	Co-PI (Seed Health domain)	2022-ongoing	1202	Planning commission

16. Academic/Professional collaboration

S#	Collaborating agencies	Nature of Collaboration
National		
1.	Vegetable Research Institute, AARI, Faisalabad	Exchange of germplasm for research work
2.		
3.		
International		
3.		

17. Outreach/Advisory Services (Farmers' field days, Zari mella, Farmers' moot meetings, Farmers' requests/problems, Agricultural exhibitions, and campaigns)

S. #	Name of Activity	Place	Date	Details
1	Managing the research area of the Department of Plant Pathology, UAF	UAF		Since 3 years
2	Exhibition of Plant Pathology stall at Agricultural Expo	UAF Expo Centre	14-03-2022 to	Almost every year there is an expo to aware the common people about

			16-03-2022	agriculture, its problems and solutions
3	Wheat Campaign to aware the farming community for high yield in wheat	Tehsil Lalian, District Chiniot	28-10-2022 to 06-11-2022	This was 2 nd year to launch this campaign in collaboration with Agri Extension Department of Punjab
4	Wheat Campaign to aware the farming community for high yield in wheat	Tehsil Lalian, District Chiniot	28-10-2021 to 06-11-2021	This was 2 nd year to launch this campaign in collaboration with Agri Extension Department of Punjab