



# Lasbela University

of Agriculture, Water & Marine Sciences

Uthal District Lasbela, Balochistan

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<b>Designation:</b>	Director QEC / Assistant Professor		
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<b>Cell No.:</b>	0923334186020		
<b>Research Area:</b>	Molecular Plant Pathology, Virology, Bacteriology and Mycology		
<b>QUALIFICATION</b>			
<b>DEGREE</b>	<b>PASSING YEAR</b>	<b>MAJORS</b>	<b>UNIVERSITY</b>
Ph.D. Agriculture Plant Pathology)	2019	Plant Pathology	PMAS-AAUR
M.Sc (Honors) Agriculture (Plant Pathology)	2011	Plant Pathology	PMAS-AAUR
B.Sc (Honors) Agriculture (Plant Pathology)	2009	Plant Pathology	PMAS-AAUR
HSSC	2005	Pre-Medical	B.I.S.E DG Khan
SSC	2005	Science	B.I.S.E DG Khan
<b>PUBLICATIONS (NATIONAL/INTERNATIONAL)</b>			
<ol style="list-style-type: none"><li>1. <b>Muhammad Fahim Abbas</b>, Sana Batool, Tamoor Khan, and Muhammad Rashid. 2022. First report of <i>Neopestalotiopsis clavispora</i> causing postharvest fruit rot of loquat in Pakistan." Journal of Plant Pathology: 104-459. DOI= <a href="https://doi.org/10.1007/s42161-021-01007-9">https://doi.org/10.1007/s42161-021-01007-9</a></li><li>2. <b>Muhammad Fahim Abbas</b>, S. Batool, S. Khaliq, S. Mubeen, N. Ullah, K. Zafar, M. Rafiq, A.M. Al-Sadi, S.S. Alotaibi, A.M. El-Shehawi and Y. Li, Y., 2021. Diversity of fungal pathogens associated with loquat and development of novel virulence scales. Plos one, 16(10), p.e0257951.</li><li>3. <b>Muhammad Fahim Abbas</b>, Muhammad Rafiq, Abdullah M. Al-Sadi, Saleh Alfarraj, Sulaiman Ali Alharbi, Muhammad Arif, and Mohammad Javed Ansari. 2021. "Molecular characterization of leaf spot caused by <i>Alternaria alternata</i> on buttonwood (<i>Conocarpus</i></li></ol>			

erectus L.) and determination of pathogenicity by a novel disease rating scale." Plos one 16, no. 5: e0251471.

4. **Muhammad Fahim Abbas**, Farah Naz, Sana Batool, Misbah Iqbal Qamar, Anam Moosa. 2020. Morpho-molecular identification of *Alternaria alternata* causing leaf spot on loquat in Pakistan. *Journal of Plant Pathology*.102:919. DOI= <https://doi.org/10.1007/s42161-020-00497-3>
5. Anam Moosa, Ayaz Farzand, Shahbaz Talib Sahi, Sajid Aleem Khan, **Muhammad Fahim Abbas**, Aqleem Abbas & Rana Binyamin. 2020. First report of post-harvest *Fusarium* rot caused by *Fusarium oxysporum* on *Citrus reticulata* Blanco cv. 'Kinnow' in Pakistan. *Journal of Plant Pathology*. 102:945-946 DOI: <https://doi.org/10.1007/s42161-020-00521-6>
6. Anam Moosa, Ayaz Farzand, **Muhammad Fahim Abbas**, Shahbaz Talib Sahi, Sajid Aleem Khan and Mark Lawrence Gleason. 2020. First report of *Alternaria* brown spot of *Citrus reticulata* cv. 'Kinnow' caused by *Alternaria arborescens* in Pakistan. *Journal of Plant Pathology*. 102: 235-236. DOI= <https://doi.org/10.1007/s42161-019-00374-8>
7. Muhammd Naeem, Hongju Li, Li Yan, Muhammad Ali Raza, Guoshu Gong, Huabao Chen, Chunping Yang, Min Zhang, Jing Shang, Taiguo Liu, Wanquan Chen, **Muhammad Fahim Abbas**, Gulshan Irshad, Muhammed I. Khaskheli, Wenyu Yang and Xiaoli Chang. 2019. Characterization and Pathogenicity of *Fusarium* Species Associated with Soybean Pods in Maize/Soybean Strip Intercropping. *Pathgens*. 2019, 8 (245): 1-17. DOI=10.3390/pathogens8040245
8. Misbah Iqbal Qamar, Muhammad Usman Ghanzafar, **Muhammad Fahim Abbas**, Rimsha Zainab, Shaista Andleeb, Muhammad Shafiq and Sehrish Mushtaq. 2019. First report of *Macrophomina phaseolina* causing crown and root rot on strawberry in Sargodha, Pakistan. *Plant Disease* 103(6): 1420-1420. DOI = <https://doi.org/10.1094/PDIS-10-18-1876-PDN>
9. **Muhammad Fahim Abbas**, Aziz-ud-Din, Asma Rashid, Muhammad Usman Ghanzafar, Misbah Iqbal Qamar, Shaista Andleeb, Abdul Qadir, Fasiha Fayaz Khan and Sana Batool. 2018. First report of *Curvularia* leaf spots of rose in Pakistan. *Plant Disease* 102(9): 1858. 19 July 2018. DOI = <https://doi.org/10.1094/PDIS-02-18-0239-PDN>
10. **Muhammad Fahim Abbas** and Farah Naz. First Report of *Diplodia seriata* Causing Fruit rot of Loquat in Pakistan. 2018. *Journal of Plant Pathology*. 100 (2):325. <https://doi.org/10.1007/s42161-018-0048-4>
11. Nasir Mehmood, **Muhammad Fahim Abbas**, Khola Rafique, Abdul Sattar, Wajid Aurangzeb, Sulman Ghuffar and Misbah Iqbal Qamar. 2018. First report of Ber (*Zizyphus mauritiana*) leaf spot caused by *Alternaria alternata* in Pakistan. *Plant Disease*. 102 (12): 2642. DOI= <https://doi.org/10.1094/PDIS-12-17-2017-PDN>
12. Farah Naz, A. Tariq, C. Abdul Rauf, **Muhamad Fahim Abbas**, E. Walsh, J. Luo, K. kingsley, N. Zhang and J. W. Bennett. 2018. First Report of *Botrytis cinerea* Causing Gray Mold

Disease of Bell Pepper (*Capsicum annuum* L.) fruit in Pakistan. *Plant Disease*. 102 (7): 1449. DOI = <https://doi.org/10.1094/PDIS-10-17-1632-PDN>

13. **Muhammad Fahim Abbas**, Farah Naz, Sana Batool, Misbah Iqbal Qamar, and Muhammd Naeem. 2018. First evidence of *Mucor* rot infecting loquat (*Eriobotrya japonica* L.) in Pakistan. *Mycopath*. 16(02):81-85.
14. **Muhammad Fahim Abbas**, Farah Naz, Chauday Abdu Rauf, Nasir Mehmood, Xiaoyu Zhang, Rosli, B. H., and Mark L. Gleason. 2017. First Report of *Fusarium solani* Causing Fruit Rot of Loquat (*Eriobotrya japonica*) in Pakistan. *Plant Disease*. 101 (5): 839. DOI = <https://doi.org/10.1094/PDIS-10-16-1544-PDN>
15. **Muhammad Fahim Abbas**, Aziz-ud-Din, K. Rafique, A. Qadir, A. Rashid, Misbah Iqbal Qamar, Muhammad Rafique and Mark L. Gleason. 2017. First report of *Alternaria* black spot of rose caused by *Alternaria alternata* in Pakistan. *Plant Disease*. 101 (9):1676. DOI = <https://doi.org/10.1094/PDIS-04-17-0578-PDN>
16. Nasir Mehmood, A. Riaz, N. Jabeen , S. Anwaar, S.Z. Hussain, **Muhammad Fahim Abbas**, Xiaoyu Zhang, H. Rosli and Mark L. Gleason. 2017 First Report of *Fusarium solani* Causing Fruit Rot of Strawberry in Pakistan. *Plant Disease*. 101 (9):1681. DOI = <https://doi.org/10.1094/PDIS-12-16-1825-PDN>
17. Farah Naz, **Muhammad Fahim Abbas**, Chaudry Abdul Rauf, Alya Tariq, Alveena Mumtaz, Gulshan Irshad and Imran Hassan. 2017. First Report of *Colletotrichum Gloeosporioides* Causing Anthracnose on Loquat in Pakistan. *Plant Disease*. 101 (8):1550. DOI = <https://doi.org/10.1094/PDIS-11-16-1551-PDN>
18. Saira Mehboob, Abdul Rehman, Mark L. Gleason, Muhammad Waqar Alam, **Muhammad Fahim Abbas**, Shaukat Ali and Muhammad Idrees. 2017. First Report of *Sclerotinia sclerotiorum* Causing Stem and Crown Rot of Berseem (*Trifolium alexandrinum*) in Pakistan. *Plant Disease*. 101 (5): 835. DOI = <https://doi.org/10.1094/PDIS-10-16-1400-PDN>
19. **Muhammad Fahim Abbas**, Farah Naz, Alya Tariq, Alveena Mumtaz, Gulshan Irshad and Chaudary Abdul Rauf. 2016. First report of *Curvularia lunata* Causing Leaf Spots on Loquat from Pakistan. *Journal of Plant Pathology*. 98 (2): 374. DOI = <https://doi.org/10.1094/PDIS-10-16-1400-PDN>
20. **Muhammad Fahim Abbas**, Farah Naz, Chaudary Abdul Rauf and Muhammad Azam Khan. 2016. Cultural, morphological, pathogenic and molecular characterization of *Alternaria mali* associated with necrotic leaf spot of loquat. *International Journal of Biosciences*. 9(6) 271-281.
21. **Muhammad Fahim Abbas**, Chaudary Abdul Rauf and Gulshan Irshad. 2015. Nucleotide Evidence of Capsid Protein Gene of Potato Virus Y from a Pakistani isolate. *Pakistan Journal of Agricultural Sciences*. 52 (4): 881-886.
22. **Muhammad Fahim Abbas**, Shahid Hameed, Chaudary Abdul Rauf. 2014. Presence of new strain of Potato virus Y in Pakistan. *International Journal of Agriculture and Biology* 16 (5): 941-945.

23. Tayaba Sulatana, Farah Naz, Muhammad Irfan ul-Haque, Shahid Butt and **Muhammad Fahim Abbas**. 2014. Characterization and Relative Contribution of Fungal and Bacterial Pathogens Involved in Sudden Death Syndrome of Chilies. *Pakistan Journal of Phytopathology*, 26 (1): 51-59.
24. **Muhammad Fahim Abbas**, Aziz-ud-Din, Abdul Ghani, Abdul Qadir and Raees Ahmed. 2013. Major Potato Viruses in Potato Crop of Pakistan: A Brief Review. *International J. of Biology and Biotechnology*, 10 (3): 435-440. (HEC Y Catagory)
25. **Muhammad Fahim Abbas**, Farah Naz and Gulshan Irshad. 2013. Important Fungal Diseases of Potato and Their Management A Brief Review. *Mycopath* 11 (1): 45-50.
26. Qudsia Nosheen, Shahid Hameed, Sardar Muhammad Mughal and **Muhammad Fahim Abbas**. 2013. Serological identity of Potato virus X (PVX) and PCR Characterization of its Coat Protein (CP) Gene. *International Journal of Plant Pathology*. 02 (02): 92-96.
27. Nasara Parven, Tariq Mukhtar, **Muhammad Fahim Abbas** and Chaudary Abdul Rauf. 2013. Management of Root Knot Nematode with Marigold (*Tagetes erecta* L.) and Antagonistic Fungus *Paecilomyces lilacinus* (Thom) Samson in Tomato Crop. *International Journal of Biology and Biotechnology* 10 (1): 61-66.
28. **Muhammad Fahim Abbas**, S. Hammed, C.A Rauf, Q. Nosheen, A. Ghani, A. Qadir and Shahnaz Zakia. 2012. Incidence of Six Viruses in Potato Growing Areas of Pakistan. *Pakistan Journal of Phytopathology*. 24 (1):44-47.
29. **Muhammad Fahim Abbas** and Shahid Hameed. 2012. Identification of Disease Free Potato Germplasm Against Potato Viruses and PCR Amplification of Potato Virus X. *International Journal of Biol and Biotechnology*, 9 (4): 335-339.
30. Asia Ashraf, C.A. Rauf, **Muhammad Fahim Abbas** and Raheela Rehman. 2012. Isolation and Identification of *Verticillium dahliae* Causes Wilt on Potato in Pakistan. *Pakistan Journal of Phytopathology*. 24 (2): 112-116.
31. Sohaib, **Muhammad Fahim Abbas**, Kausar Nawaz Shah, Saleem ud Din and Sadia Gull. 2012. Agrobacterium Mediated Genetic Transformation in Lentil (*Lens culinaris* Medik) Crop of Pakistan. *International Journal of Biology and Biotechnology*. 9 (4) 347-351.

#### TEACHING EXPERIENCE

Designation	From	To	Organization
Director QEC	July, 2023	To Date	LUAWMS
Additional Director QEC	December, 2022	July, 2023	LUAWMS
Assistant Professor	March-2021	To Date	LUAWMS
Research Scholar	July, 2016	January, 2017	Iowa State University USA
Research Associate	June, 2014	May, 2016	PMAS-AAUR

Research Associate	January, 2012	January, 2013	NARC, Islamabad
Research Scholar	September, 2009	September, 2011	NARC, Islamabad

### Workshops/Seminars/Trainings Attended and Conducted:

Course/Workshop	No.	Year	Department/Univeristy	Institute/Organization
Project Formulation Workshop		2021	Lasbela University of Water, Agriculture and Marine Sciences (LUAWMS)	Pakistan Science Foundation, Paksitan (PSF)
Online workshop on Turnit in at LUAWMS		2021	Quality Enhancement Cell, Lasbela University of Water, Agriculture and Marine Sciences (LUAWMS)	Lasbela University of Water, Agriculture and Marine Sciences (LUAWMS)
Fundamentals of Project Management		2021	National Faculty Development Program	HEC, Pakistan
	E7KV2	2020	National Faculty Development Program	HEC, Pakistan
Laboratory Safety	767118	2016	<u>Department of Environment Health and safety</u>	Iowa State University, USA
<u>Asbestos Awareness</u>	767120	2016	<u>Department of Environment Health and safety</u>	<u>Iowa State University, USA</u>
NIH Guidelines	767117	2016	<u>Department of Environment Health and safety</u>	<u>Iowa State University, USA</u>
Bio. Risk Assessments for Researchers	767119	2016	<u>Department of Environment Health and safety</u>	<u>Iowa State University, USA</u>

### Research Projects

1. "Surveillance Characterization of Pathogens Infecting Loquat in Pakistan" at Department of Plant Pathology, Pir Mehr Ali Shah Arid Agriculture University Rawalpindi, Pakistan.
2. Determination of the Severity of HLB and CTV in Citrus Growing Areas of Punjab and Khyber Pakhtunkhwa" at Crop Disease Research Institute (CDRI), National Agricultural Research Center (NARC) Islamabad, Pakistan.
3. "Morpho-molecular identification of anthracnose of banana (*Colletotrichum sp.*) at Lasbela Balochistan and development of agronanotechnology for invitro management" at Department of Plant Pathology, Lasbela University of Agriculture Water and Marine Sciences, Uthal, Balochistan, Pakistan.
4. "Morpho-molecular identification of anthracnose of banana (*Colletotrichum sp.*) at Lasbela Balochistan and development of agronanotechnology for invitro management" at Department of Plant Pathology, Lasbela University of Agriculture Water and Marine Sciences, Uthal, Balochistan, Pakistan
5. Prevalence, incidence and molecular characterization of panama wilt of banana at Uthal, Balochistan" at Department of Plant Pathology, Lasbela University of Agriculture Water and Marine Sciences, Uthal, Balochistan, Pakistan