

Dr. TEHMINA ANJUM

Assistant Professor

Institute of Agricultural Sciences

Quaid-e-Azam Campus, University of the Punjab, Lahore-54590, PAKISTAN

E-mail: anjum@mpp.pu.edu.pk; tehminaanjum@yahoo.com

Fax: 0092-42-99231187

Contact numbers: 0092-42-99231846

PUBLICATIONS WITH IMPACT FACTOR: (Impact Factor: 61.778)

1. Wajiha Iram, **Tehmina Anjum**, Rasheda Jabeen and Mateen Abbas. 2018. Isolation of stored maize mycoflora, identification of aflatoxigenic fungi and its inhibition using medicinal plant extracts. *International Journal of Agriculture and Biology*. Accepted. (IF: 0.869)
2. Hina Aslam, Sajid Rasheed Ahmad, **Tehmina Anjum** and Waheed Akram. 2018. Native halotolerant plant growth promoting bacterial strains can ameliorate salinity stress on tomato plants under field conditions. *International Journal of Agriculture and Biology*. 20(2): 315 - 322. (IF: 0.869)
3. **Tehmina Anjum**, Waheed Akram, Shazia Shafique, Sobiya Shafique and Aqeel Ahmad. 2017. Metabolomic analysis identifies synergistic role of hormones biosynthesis and phenylpropanoid pathways during Fusarium wilt resistance in tomato plants. *International Journal of Agriculture and Biology*. 19: 1073 - 1078. (IF: 0.869)
4. Sabin Fatima and **Tehmina Anjum**. 2017. Identification of a potential ISR determinant from *Pseudomonas aeruginosa* PM12 against Fusarium wilt in tomato. *Frontiers in Plant Science*. doi: 10.3389/fpls.2017.00848 (IF: 3.678)
5. Wajiha Irum, **Tehmina Anjum**, Mazhar Iqbal, Abdul Ghaffar, Mateen Abbas and Abdul Muqet Khan. 2016. Structural analysis and biological toxicity of aflatoxins B1 and B2 degrading products following detoxification by *Ocimum basilicum* and *Cassia fistula* aqueous extracts. *Frontiers in Microbiology*. doi: 10.3389/fmicb.2016.01105. (IF: 4.076)
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9. Rasheda Jabeen, Peter Prentis, **Tehmina Anjum** and Steve W. Adkins. 2015. Genetic structure of the invasive weed *Parthenium hysterophorus* in Australia and Pakistan. *International Journal of Agriculture and Biology*. 17:327 – 333. (IF: 0.758)
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12. Anam Yousaf, Abdul Qadir, **Tehmina Anjum**, Aqeel Ahmad. 2015. Transcriptional modulation of Squalene Synthase Genes in barley treated with PGPR. *Frontiers in Plant Science*. 6: 672; doi: 10.3389/fpls.2015.00672. (IF: 4.495)

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18. **Tehmina Anjum** and Waheed Akram. 2014. First Record of Acremonium wilt in tomato from Pakistan. *Plant Disease*. 98(1): 155. (IF: 3.020)
19. Nosheen Akhtar, **Tehmina Anjum** and Rasheda Jabeen. 2013. Isolation and identification of storage fungi from citrus sampled from major growing areas of Punjab, Pakistan. *International Journal of Agriculture and Biology*. 15: 1283-1288. (IF: 0.902)
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23. **Tehmina Anjum**, Sabin Fatima and Sana Amjad. 2012. Physiological changes in wheat during development of loose smut. *Tropical Plant Pathology*. 37(2):102-107. (IF: 0.513)
24. Asma Azam, **Tehmina Anjum** and Wajeeha Irum. 2012. *Trichoderma harzianum*: A new fungal source for the production of cyclosporin 'A'. *Bangladesh Journal of Pharmacology*. 7(1): 33 – 35. (IF: 0.356)
25. Sundus Tanseer and **Tehmina Anjum**. 2011. Modification of C and N sources for enhanced production of Cyclosporin 'A' by *Aspergillus terreus*. *Brazilian Journal of Microbiology*. 42(4): 1374 - 1383. (IF: 0.896)
26. **Tehmina Anjum** and Rukhsana Bajwa. 2010. Competition losses caused by *Rumex dentatus* and *Chenopodium album* in wheat. *Philippine Agricultural Scientist*. 93(3): 365-368. (IF: 0.357)
27. **Tehmina Anjum** and Rukhsana Bajwa. 2010. Isolation of bioactive allelochemicals from sunflower variety (Suncross-42) through fractionation guided bioassays. *Natural Product Research*. 24(18): 1783-1788. (IF: 0.906)
28. Rasheda Jabeen, Muhammad Sarwar Khan, Yusuf Zafar and **Tehmina Anjum**. 2010. Codon optimization of cry1Ab gene for hyper expression in plant organelles. *Molecular Biology Reports*. 37(2): 1011 - 1017 (IF: 1.875)
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34. **Tehmina Anjum** and Rukhsana Bajwa. 2007. The effect of sunflower leaf extracts on *Chenopodium album* in wheat fields in Pakistan. *Crop Protection*. 26: 1390 – 94. (IF: 1.129)
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38. Rukhsana Bajwa, **Tehmina Anjum**, Sobiya Shafique and Shazia Shafique. 2006. Evaluation of antifungal activity of *Cicer arietinum* L. *Pakistan Journal of Botany*. 38(1): 175 – 184. (IF: 0.106)
39. Arshad Javaid and **Tehmina Anjum**. 2006. Control of *Parthenium hysterophorus* L. by aqueous extracts of allelopathic grasses. *Pakistan Journal of Botany*. 38(1): 139 – 145. (IF: 0.106)
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PUBLICATIONS WITHOUT IMPACT FACTOR:

1. Sabin Fatima and **Tehmina Anjum**. 2017. Potential of rhizospheric *Pseudomonas* strains to manage Fusarium wilt of tomato. *Journal of Agriculture and Research*. 55(3): 525 – 536.
2. Anam Yousaf, Abdul Qadir, **Tehmina Anjum**, Dr Rizwan Ishaq Khan, Declan Naughton and Ali Yousaf. 2017. Evaluation of bacterial strains for the induction of plant biochemicals, nutritional contents and isozymes in barley. *Journal of Nutrition and Food Sciences* 7: 623. doi: 10.4172/2155-9600.1000623
3. Sabin Fatima and **Tehmina Anjum**. 2016. Induction of systemic resistance in tomato by *Pseudomonas aeruginosa* PM12 against Fusarium wilt. *Pakistan Journal of Biotechnology*. 13(2): 117 – 124.
4. Anam Yousaf, Abdul Qadir, **Tehmina Anjum**, Aqeel Ahmad. 2016. Screening of staple food crops for their phytosterol and nutritional contents to determine their hyperlipidemia controlling potential. *Journal of Food and Nutritional Disorders*. 5:3 doi: <http://dx.doi.org/10.4172/2324-9323.1000196>.
5. **Tehmina Anjum**, Waheed Akram and Sabin Fatima. 2015. Potential of some rhizospheric bacterial strains to manage bacterial wilt of tomato. *Pakistan Journal of Biotechnology*. 12(1): 73 – 80.

6. Rabia Moeen, Waheed Akram and **Tehmina Anjum**. 2014. Biochemical and molecular basis of resistance in Sorghum against *Curvularia* leaf spot disease. *International Journal of Agriculture and Biology*. 16(5): 917 – 922.
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9. Zoobia Bashir, Aqeel Ahmad, Sobiya Shafique, **Tehmina Anjum**, Shazia Shafique, Waheed Akram. 2013. Hypersensitive response—A biophysical phenomenon of producers. *European Journal of Microbiology and Immunology*. 3(2):105-110.
10. **Tehmina Anjum**, Waheed Akram, Aqeel Ahmad, Mazhar Hussain, Hina Aslam and Sabin Fatimah. 2013. An insight into the basis of resistance in *Sorghum bicolor* against *Colletotrichum sublineolum*. *African Journal of Microbiology Research*. 7(15):1397-1408.
11. Asma Murtaza, Shazia Shafique, **Tehmina Anjum**, Sobiya Shafique. 2012. In vitro control of *Alternaria citri* using antifungal potentials of *Trichoderma* species. *African Journal of Biotechnology*. 11(42): 9985-9992.
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15. Waheed Akram and **Tehmina Anjum**. 2011. Use of bioagent and synthetic chemicals for induction of systemic resistance in tomato against diseases. *International Research Journal of Agricultural Science and Soil Science*. 1(8): 286 – 292.
16. Waheed Akram and **Tehmina Anjum**. 2011. Quantitative changes in defense system of tomato induced by two strains of Bacillus against Fusarium wilt. *Indian Journal of fundamental and applied life sciences*. 1(3): 7 – 13.
17. Arshad Javaid, **Tehmina Anjum** and Rukhsana Bajwa. 2006. Chemical control of noxious weed *Parthenium hysterophorus* L. *International Journal of Biology and Biotechnology*. 3(2): 387-390.
18. **Tehmina Anjum** and Rukhsana Bajwa. 2005. Importance of germination indices in interpretation of allelochemical effect on seed germination. *International Journal of Agriculture and Biology*. 7(3): 417-419.
19. **Tehmina Anjum**, Rukhsana Bajwa and Arshad Javaid. 2005. Biological control of *Parthenium* I: Effect of *Imperata cylindrica* on distribution, germination and seedling growth of *Parthenium hysterophorus* L. *International Journal of Agriculture and Biology*. 7(3): 448-450.
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22. Arshad Javaid and **Tehmina Anjum**. 2005. *Parthenium hysterophorus*: A noxious alien weed. *Pakistan Journal of weed science and research*. 11(3-4): 171 - 177.
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25. Rukhsana Bajwa, Sobiya Shafique, **Tehmina Anjum** and Shazia Shafique. 2004. Antifungal activity of allelopathic plant extracts IV: Growth response of *Drechslera hawaiiensis*, *Alternaria alternata* and *Fusarium moniliforme* to aqueous extract of *Parthenium hysterophorus*. International Journal of Agriculture and Biology, 6(3): 511-516.
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27. Rukhsana Bajwa, Irum Mukhtar and **Tehmina Anjum**. 2004. Invitro biological control of *Fusarium solani* – cause of wilt in *Debergia sissoo* Roxb. Mycopath. 2(1): 11-14.
28. Arshad Javaid, Rukhsana Bajwa and **Tehmina Anjum**. 2004. Identification of some more phenotypes of shisham (*Delbergia sissoo* Roxb.) and their response to dieback and wilt disease. Mycopath. 2(2): 55-59.
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MONOGRAPHS/BOOKS/CHAPTERS:

1. **Tehmina Anjum**. 2011. Sunflower allelochemicals as natural herbicide for weeds in wheat. VDM Publishing house Ltd. ISBN# 978-3-639-36335-7.
2. Sundus Tanseer and **Tehmina Anjum**. 2011. Cultivation medium optimization for Cyclosporin 'A' production. VDM Publishing house Ltd. ISBN# 978-3-639-37781-1.
3. Wajiha Irum and **Tehmina Anjum**. 2011. Production enhancement of Cyclosporin 'A' through mutation. VDM Publishing house Ltd. ISBN# 978-3-639-37043-0.
4. Sabeen Fatima and **Tehmina Anjum**. 2012. Study of molecular polymorphism among different *Trichoderma* strains. VDM Publishing house Ltd. ISBN# 978-3-659-12556-0.
5. **Tehmina Anjum** and Wajiha Irum. 2016. Production of Cyclosporine A by submerged fermentation. In: Fungal Metabolites (ISBN: 978-3-319-19456-1 Online) Reference Series in Phytochemistry. Editors: Jean-Michel Merillon and Kishan Gopal Ramawat. doi: 10.1007/978-3-319-19456-1_4-1. Springer International Publishing Switzerland.