

Publications

Articles

1. Hafsa Amat-ur-Rasool, Ayesha Latif, **Aneela Yasmeen**, Naila Shahid, Saira Azam, Aftab Bashir, Tayyab Husnain, Abdul Qayyum Rao, Wayne G. Carter, and Ahmad Ali Shahid (2022) “Enhanced expression of plasma membrane intrinsic protein 2 improves cotton fiber length in *Gossypium arboreum*” Molecular Biology Reports
2. Sadaqat S, Usmaan M, Mizna, Shakoor S, Hameed R, Ajmal S, **Yaqoob A**, Muhammad M, **Babar M**, Ishaq A, Irfan M, Noor ul Ain, Awais M, Saad M, Raouf A, Imtiaz M, Shahid N, Latif A, Yasmeen A, Azam S, **Samiullah TR**, Rao AQ, Shahid AA (2021) Transformation and expression of gene in microalgae: from tools to applications. Agrobiology Records
3. Shad M, **Yasmeen A**, Azam S, Bakhsh A, Latif A, Shahid N, Salah Ud Din, Sadaqat S, Rao AQ, Shahid AA. (2021) Enhancing the resilience of transgenic cotton for insect resistance. Mol Biol Rep. doi: 10.1007/s11033-021-06972-z. Epub ahead of print. PMID: 34839448
4. Jabeen, S., Arshad, S., Bashir, H., Hamid, M., **Yasmeen, A.**, & Khalid, A. N. (2021). Chlorophyllum hortense newly recorded, and C. molybdites confirmed from Pakistan. Mycotaxon, 136 (2), 497-509.
5. Sana Shakoor, Tahir Rehman Samiullah, Naila Shahid, Abdul Qayyum Rao*, **Aneela Yasmeen**, Sana Tahir, Ayesha Latif, Saira Azam, Ahmad Ali Shahid and Tayyab Husnain (2021) In Silico Prediction and Evaluation of E. coli Expressed Recombinant HA Protein of Avian Influenza Virus Pakistan J. Zool., pp 1-8, 2021. DOI: <https://dx.doi.org/10.17582/journal.pjz/20190703110751> **IF: 0.821**
6. Sana Jabeen, Bushra Waseem, Yuba, Mughees Ahmad, and Aneela Yasmeen (2020), First record of leucoagaricus from Pakistan” Bangladesh Journal of Plant taxonomy: Short communications 27(2):453-459 **DOI:** <https://doi.org/10.3329/bjpt.v27i2.50684>
7. Naila Shahid, Tahir Rehman Samiullah, Sana Shakoor, Ayesha Latif, **Aneela Yasmeen**, Saira Azam, Ahmad Ali Shahid, Tayyab Husnain and Abdul Qayyum Rao (2020) Early Stage Development of a Newcastle Disease Vaccine Candidate in Corn Frontiers in Veterinary Science Volume 7 | Article 499 **IF: 2.245**
8. Ambreen Gul , Ghulam Hussain, Adnan Iqbal, Abdul Qayyum Rao, Salah ud Din, **Aneela Yasmeen**, Naila Shahid, Ammara Ahad, Ayesha Latif1, Saira Azam, Tahir Rehman Samiullah, Samina Hassan, Ahmad Ali Shahid & Tayyab Husnain (2020) Constitutive expression of Asparaginase in Gossypium hirsutum triggers insecticidal activity against Bemisia tabaci. Scientific Reports 10:8958| <https://doi.org/10.1038/s41598-020-65249-w> **IF: 3.998**
9. A. Bakhsh1, S. D. Dangol , M. Naeem , M. H. Azimi and **A. Yasmeen**, (2020) Genetic Approaches For Engineering Biotic Stress Resistance In Potato (Solanum tuberosum L.) The Journal of Animal and Plant Sciences. 30(1): 1-17 **IF:0.481**
10. Ayesha Latif, Mukhtar Ahmed, Sidra Akhtar, Ammara Ahad, Adnan Iqbal, Amina Yaqoob, Ayesha Imran, Muhammad Usmaan, Naila Shahid, Saira Azam, **Aneela Yasmeen**, Tahir Rehman Samiullah, Salah ud din, Ambreen Gul, Sana Shakoor, Maria Khawer, Sara Ajmal, Muhammad Azam Ali, Samina Hassan, Mohsin Shad, Sahar Sadaqat, Maira Zahid, Ahmad Ali Shahid, Idrees Ahmad Nasir, Abdul Qayyum Rao and Tayyab Husnain (2019) “Mini-Review Cotton Fibre Quality Management for Sustainable Textile Industry” The ICAC Recorder, 37(3)September 2019:P22-27
11. Mahrukh Zubair, Ayesha Latif, Abdul Qayyum Rao, Saira Azam, Naila Shahid, Tahir Rehman Samiullah, **Aneela Yasmeen**, Ahmad Ali Shahid, Idrees Ahmad Nasir, Tayyab Husnain (2019) A Combinational Approach of Enhanced Methanol Production and Double Bt Genes for Broad Spectrum Insect Resistance in Transgenic Cotton.

Molecular Biotechnology <https://doi.org/10.1007/s12033-019-00192-4> IF: 2.022

12. Zahida Qamar Z, Muhammad Tariq, Tahir Rehman, Muhammad Shahzad Iqbal, Muhammad Bilal Sarwar, Muhammad Nauman Sharif, Zohaib Hassan, Ayesha Ahmad, Aiman Zahra, Ayesha Latif, Bushra Rashid, Mohsin Abbas Zaidi, ... **Aneela Yasmeen** et al. (2019) Trackable CEMB-Klean Cotton Transgenic Technology: Affordable Climate Neutral Agri-biotech Industrialization for Developing Countries. *Advancements in life sciences* 6:3; pp 131-138
13. Sarbesh Das D, Muhammad N, Mohammad H A, **Aneela Y**, Mehmet Emin C, Allah B. (2018) Genetic Engineering of Solanum tuberosum L. to Enhance Resistance Against Abiotic Stresses: A Review. *JOJ scin.* 2018; 1(5): 555571.
14. Ahmad, A.; Zia-Ur-Rehman, M.; Hameed, U.; QayyumRao, A.; 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.; Brown, J.K. 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* 2017, 9, 257. doi:[10.3390/v9090257](https://doi.org/10.3390/v9090257) IF:3.816
15. **Yasmeen A.**, Kiani S., Butt A., Rao AQ., Akram F., Ahmad A., Nasir IA., Husnain T., Mansoor S., Amin I., Aftab S., ZibairM.mTahir MN., Akhtar S., Scheffler J., and Scheffler B. (2016) “Amplicon-Based RNA Interference Targeting V2 Gene of CottonLeaf Curl Kokhran Virus-Burewala Strain Can Provide Resistance in Transgenic Cotton Plants” *MolBiotechnol* DOI 10.1007/s12033-016-9980-8 **IF: 2.022**
16. Ahmad A., Ashraf S., Fatima A., Shah A., Saleem S., Sheharbano and **Yasmeen A.** (2016) “HIV awareness in Pakistan: A survey based study” *Journal of Coastal Life Medicine*; 4(6): 496-499 doi: 10.12980/jclm.4.2016J5-102
17. Ahmad A., Ahmad A., Raheem A. and **Yasmeen A.** (2015) “Knowledge, Attitude and Practice of Pesticide Handlers in Pakistan.” *Pak J Public Health* 5(2): 17-34
18. Ahmad A., Ashraf S., Raheem A. and **Yasmeen A.** 2014 “Science, Scientists and Economic growth” *Sci. tech. and Dev.* 33 (4):165-168
19. Farhat M, **Yasmeen A**, Ahmad A. 2014. An Overview of Hepatitis B and C in Pakistan. *International Journal of Microbiology and Allied Sciences.* 1(2):98-102
20. Azam S., Samiullah T. R., **Yasmeen A.** Salah ud Din, Iqbal, A., Rao A. Q., Nasir I A., Rashid B., Shahid A. A., Ahmad, M. and Husnain T.(2013) , Dissemination of Bt cotton in cotton growing belt of Pakistan. *Advancements in life sciences* 1:1; pp 18-26.
21. Khan M. A., **Yasmeen A.**, Jafri S. S., Ahmad A. (2013) “Promoting Scientific Research Culture in Youth through Empirical Inculcation”. *Future of Medical Education Journal*; 3:1; pp26-30

Articles in News Papers

1. **Yasmeen A.** Ilyas, M., (2011) “The dream comes true: An interview with Dr. Kamran Azeem, Technology Times, Thematic Edition, 14 August 2011, Page 06

Books / Book Chapters

1. Ayesha Latif, Ammara Ahad, Mukhtar Ahmad, Sidra Akhtar, **Aneela Yasmeen**, Ahmad Ali Shahid, Abdul Qayyum Rao, Idrees Ahmad Nasir and Tayyab Husnain (2021) GM technology and fiber traits **Cotton Precision Breeding Springer ISBN year 2021**
2. **Aneela Yasmeen**, Sarfraz Kiani, and Tayyab Husnain Title: Transformations of Cotton with siRNA based construct targeting CLCuD Publisher: LAP Lambert Academic Publishing Co. ISBN: 978-3-659-69851-4 Year: 2015

Abstracts

Oral Presentation

1. **Aneela Yasmeen**, Sarbesh Das Dangol, Muhammad Naeem, Mohammad Hussein Azimi, Allah Bakhsh, Mehmet Emin Caliskan (2018) Genetic engineering endeavors in potato (*solanum tuberosum* L.) to enhance tolerance against abiotic and biotic stresses presented at International conference on Plant sciences held at GC University Lahore on December 5-8, 2018.
2. Amina Yaqoob, Ghazala Ali Khan, **Aneela Yasmeen**, (2018) “Outreach training programs are enhancing awareness about lab bio safe culture in Punjab” presented at International symposium on advances in Molecular biology of plants and health sciences, held at CEMB, Lahore on December 19-21, 2018.

Poster Presentation

1. **Tayyab Husnain**, Felix Wolter, **Aneela Yasmeen**, Sana Shakoor, Sahar Sadaqat, Mujahid Hussain, Maryam Maqsood, Maryam Abid, Momal Maqsood, Ujala Nasir, Sara Ajmal, Maria Khawer, Salah Ud-Din, Bilal Sarwar, Ambreen Gul, Mohsin Shad, Gulzaib Liaqat Ali, Muhammad Usmaan, Saira Azam, Ayesha Latif, Naila Shahid, Tahir Rehman Samiullah, Ahmad Ali Shahid, Idrees Ahmad Nasir, Holger Puchta and Abdul Qayyum Rao (2019) “CRISPR Engineering To Knockdown the Begomoviruses CLCuV and its Insect Vector *Bemisia Tabaci*” presented at Plant and Genome Conference (PAG) Asia 2019 held at Shenzhen China, June 6-8, 2019
2. **Aneela Yasmeen**, Amina Yaqoob, Samra Kousar, Saira Azam, Zunaira Sher, Ghazala Yasmeen “ Outreach Training Programs Are Enhancing Awareness About Lab Bio Safe Culture In Pakistan ”Global Young scientists Summit 2019 held at Nanyang Technology University, Singapore
3. Muhammad Usmaan, Sahar Sadaqat, Mohsin Shad, Ayesha Liaqat, Gulzaib, Mizna, Ayesha Malik, Maira Zahid, Saira Azam, **Aneela Yasmeen**, Abdul Qayyum Rao, Ahmadi Ali Shahid, Tayyab Husnain (2018) “Expression of foreign genes in microalgae” presented at International symposium on advances in Molecular biology of plants and health sciences, held at CEMB, Lahore on December 19-21, 2018.
4. Afshan Butt, Sarfraz Kiani, **Aneela Yasmeen** et al., (2015) Whitefly Resistance in Cotton (*Gossypium hirsutum*) through microRNA against Sxl, AChE and ORC genes presented at International Symposium on Advances in Molecular Biology of Plants and Health Sciences, held at CEMB, 29-31 December 2015
5. **Aneela Yasmeen**, Sarfraz Kiani, Afshan Butt et al (2015) Transformation of Amplicon based RNAi construct in cotton to target begomoviruses presented at International Symposium on Advances in Molecular Biology of Plants and Health Sciences, held at CEMB, 29-31 December 2015