

Bushra Tabassum

Present Address: Centre of Excellence in Molecular Biology,
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Date of Birth : 22-04-1981
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Summary:

- **Seven years** of extensive research experience in the field of Molecular biology.

Education:

- **PhD fellowship** from HEC (Batch III) Molecular Biology
Synopsis approved from BASR (siRNA based gene silencing of Potato virus Y).
- **M.Phil in Molecular Biology** from CEMB, University of the Punjab (2003-2005).
- **MSC in Botany**, G.C University Lahore, (2000-2002).

Certificate/ Degree	Board/University	Year of passing	Subject (s)
M.phil	CEMB, University of the Punjab	2005	Molecular Biology
M.Sc.	Government College University Lahore	2002	Botany
B.Sc.	Punjab University Lahore	2000	Chemistry, Botany, Zoology

Research Publications:

1. **Tabassum, B.**, Nasir, I.A. and Husnain, T. 2011. Potato virus Y mRNA expression knockdown mediated by siRNAs in cultured mammalian cell line. *Virol Sin. Apr*; 26(2):105-13. Epub 2011 Apr 7.
2. **Tabassum, B.**, Nasir, I.A., Farooq, A.M, Latif,Z., Rehman,Z. and Husnain,T. (2010). Viability assessment of *in-vitro* produced synthetic seeds of cucumber. *African Journal of Biotechnology*, 9(42), pp. 7026-7032.
3. Farooq, A. M., **Tabassum, B.**, Nasir, I. A. and Husnain, T. (2010) Androgenesis induction, Callogenesis, Regeneration and Cytogenetic studies of tomato haploid. *Journal of Agri Research*. 48 (4): 201-215.
4. Nasir,I.A., Jamal,A., **Tabassum, B.**, Javid, A. and Husnain, T. (2010). In-vitro elimination of potato virus Y. Accepted for publication in the *Pakistan Journal of Phytopathology*. 22 (1):
5. Nasir, I. A., **Tabassum, B.**, Husnain, T. and Riazuddin, S. (2006) In vitro elimination of potato virus Y. 18th FAOBMB Symposium, November 20-23, 2005. Pakistan.
6. **Tabassum, B.**, Saleem, M. and kausar, T. (2003). Biodegradation of agrowaste by *Trichoderma viride* mutants. *Science (Int.) Lahore*, 15(1); 97-102.

Current Status:

Presently I am doing PhD on “siRNA based gene Silencing of Potato virus Y” in National Center of Excellence in Molecular Biology (CEMB) University of the Punjab Lahore under the kind supervision of Dr. Idrees Ahmad Nasir (Assistant professor, CEMB) and Dr. Tayyab Husnain (Professor & Director, CEMB).

Honours and Awards:

- Gold medal awarded in M.Sc by the Government College University Lahore, Pakistan (2002).
- Academic Roll of Honor holder (2002).
- HEC indigenous Scholarship (Batch III).

Reference:

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