

ZAHIDA QAMAR

Present Address: Centre of Excellence in Molecular Biology,
University of the Punjab
Lahore, Pakistan.

Father's Name : Qamar Din

Date of Birth : 15-01-1979

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Want to work in a challenging environment, where task achievement and meeting the deadlines matters. To facilitate people of my country by providing them services in an Educational/Research environment. Want to work with energetic and sharp professionals in a true professional environment.

Summary:

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

Education:

- **M.Phil in BOTANY** from B.Z.U (2002-2004).
- **MSC in BOTANY**, Islamia University Bahawalpur, (1997-1999).

Certificate/ Degree	Board/University	Year of passing	Subject (s)	
M.phil	B.Z.U	2004	BOTANY	
M.Sc.	Islamia University Bahawalpur	1999	BOTANY	
B.Sc.	Islamia University Bahawalpur	1997	Chemistry, Botany, Zoology	
F.Sc.	B.W.P, Board	1995	Chemistry, Physics, Biology	
Metric	B.W.P, Board	1992	Science	

Current Status:

Presently I am working as Researcher Officer cum lecturer in National Center of Excellence in Molecular Biology (CEMB) University of the Punjab Lahore.

Research Projects/Activities:

Research Project M.Phil:

Impact of Different Soil types on some Important Leguminous crops.

Other Research Activities:

- 1. Optimization** of Tissue culture conditions for corn & Sugarcane for Transformation.
- 2. Insect resistant corn**, through transformation of Bt genes (Cry1Ac & Cry2A).
- 3. Herbicide resistant corn**, through transformation of glyphosate tolerant gene (GTG).
- 4. Insect and Herbicide resistant Sugar cane** through Transformation of three genes (Cry1Ac, Cry2A & GTG).

1). Marker free vector containing only glyphosate tolerant gene.

2). Three gene vector

- a.Cry1Ac
- b.Cry2A
- c. Glyphosate tolerant gene (GTG)

3). Four gene vector for Sugar cane

- a.Cry1Ac
- b.Cry2A
- c. glyphosate tolerant gene (GTG)
- d. ScMV SiRNA

Publication:

- 1. Nasir, I. A., Jahangir, G. Z., Qamar, Z., and Husnain, T. (2010). Maintaining regeneration potential of sugarcane callus for longer span.** Journal of Agricultural Sciences.
- 2. Jahangir, G. Z., Nasir, I. A., Qamar, Z., and Husnain, T. (2010) Exploitation of regeneration potential of sugarcane cultivars.** African Journal of Agricultural Sciences.

Reference:

Dr. Idrees Nasir

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Dr. Zia-U-Rahman

Assistant professor
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