

CURRICULUM VITAE

Dr. AFAQ AHMAD MIAN

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EMPLOYMENT

Date	Designation	Institution
Jan. 2011 to date	Assistant Professor	Institute of Biotechnology and Genetic Engineering, KP Agricultural University Peshawar
Oct. 2005 – Nov. 2006	Lecturer	Sarhad University Peshawar, Pakistan
Oct. 2008 – Oct. 2009	Demonstrator	Department of biology, University of York, UK

AWARDS AND MEMBERSHIP

- Academic distinction in B.Sc (Hons), Plant Genetics at NWFP Agricultural University Peshawar.
- Scholarship award for PhD at University of York, UK from Higher Education commission Pakistan
- Agricultural Merit Scholarship - Awarded during MSc (Hons) & BSc (Hons) degree program at NWFP Agricultural University Peshawar for high academic achievement.
- KM Scott award for first position in poster competition at The University of York UK, 2007.
- Member of the Society of experimental biology (SEB).

CONFERENCES AND SEMINARS ATTENDED

- **Mian, Afaq A.** Isayenkov, Stanislav. Maathuis, Frans J. Characterization of plant membrane transporters involved in salt tolerance and potassium homeostasis in cereals. In: [SEB Plant Transport Group Meeting, 2009](#), Glasgow, United Kingdom, June 28 – 1st July.
- Isayenkov, Stanislav V. **Mian, Afaq.** Maathuis, Frans J. Functional analysis of rice "two-pore" potassium channels (TPKs). In: [SEB Plant Transport Group Meeting, 2009](#), Glasgow, United Kingdom, June 28 – 1st July.

- **Afaq A. Mian.** Characterization of plant membrane transporters involved in salt tolerance and potassium homeostasis in cereals. In: [SEB Plant Transport Group Meeting](#), 2008, Manchester, United Kingdom, September 3-5.

SERVICE ACTIVITY

- Teaching and research
- **Courses taught to BSc (Hons) Biotechnology**
 - Agriculture Microbiology
 - Environmental Biotechnology

STATEMENT OF RESEARCH INTEREST

Understanding cellular mechanism of Abiotic stress tolerance in crop plants.

RESEARCH PUBLICATION

Mian, Afaq; Oomen, Ronald; Isayenkov, Stanislav; Sentenac, Hervé; Maathuis, Frans; Véry, Anne-Aliénor (2010). Overexpression of a Na⁺ and K⁺-permeable HKT transporter in barley improves salt tolerance. The plant Journal. submitted

Afaq A. Mian, Prasad Senadheera, Frans JM Maathuis (2009) Improving Crop Salt Tolerance: Anion and Cation Transporters as Genetic Engineering Targets. Salt stress. In Press

M. A. Ahmad, I. Munir, W. Ali, Z. A. Swati, M. S. Khattak, Q. Sohail, I. Khan (2007) Assessment of Genetic Diversity of Local and Exotic Brassica napus Germplasm. Pakistan Journal of Biological Sciences Year. Vol:10(15) pp:2490-2494.

W. Ali, I. Munir, **Mian A. Ahmed,** Z. A. Swati. Molecular Characterization of some local and exotic Brassica juncea germplasm." (2007) African journal of biotechnology Vol:6(14) pp:1634-1638.