

CURRICULUM VITAE

ASMA ZULFIQAR

Personal Data:

University Address: Department of Botany, University of the Punjab Lahore
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Education:

B.Sc (Chemistry, Biology) Zakarya University, Multan, Pakistan (1990).

M.Sc (Botany) University of the Punjab, Lahore, Pakistan (1994).

M.Sc Research Thesis: Studies of germination requirements of *Helianthus annuus*
cv Suncomb-110.

Ph.D (Phytoremediation). PhD thesis submitted

Dissertation Title: The molecular and physiological mechanism of chromium tolerance and
hyperaccumulation in plants.

Honors and Awards

Gold medal awarded for 1st position in M.Sc (Botany)

Split Ph.D scholarship (2006) awarded by Higher Education Commission (HEC) Government
of Pakistan

Area of Interest Plant physiology, Molecular Biology, Phytoremediation.

Research Experience

Research Fellow since September, 2006.

Post Graduate Teaching Experience.

Lecturer, Department of Botany, University of the Punjab Lahore Pakistan since 2000 till now.

Lecturer, Govt College for women, Cooper Road Lahore since Sept. 1999 to July 2000.

Lecturer, Govt Girls College Raiwind Lahore since September, 1997 to September 1999.

Presentation and Conferences/workshops Attended

1. Genes induced in response to chromium exposure in *Crambe abyssinica*, a heavy metal accumulator, (Poster Presentation) The 23rd Annual International Conference on Soils, Sediments and Water. University of Massachusetts, Amherst, Massachusetts. October 15-18 2007.
2. 71st Annual Meeting of the Northeast Section American Society of Plant Biologist. Syracuse, New York June 1-2, 2007
3. 72nd Annual Meeting of the Northeast Section American Society of Plant Biologist, University of Connecticut Storrs, Connecticut April 18-19, 2008.

Research Publications

- i. Identifying genes and gene networks involved in chromium metabolism and detoxification in *Crambe abyssinica* (accepted in environmental pollution).
- ii. Chromium induced changes in antioxidant enzyme activities and lipid peroxidation in *crambe abyssinica*. (In process)