## Cover Page



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Title: WRKY transcription factors involved in PR-1 gene expression in Arabidopsis

Date: 2012-10-17

## **CURRICULUM VITAE**

Rana Muhammad Fraz Hussain was born on December 08, 1986 in Rahim Yar Khan, Pakistan. He attended primary school and high school at Tamer-e-Millet high school in R.Y. Khan. In 2000 he started at Khawja Fareed College in R.Y. Khan. In 2003 he started his bachelor honours in Agriculture at the University of Agriculture Faisalabad (UAF). In January 2006 he started a six-month internship at the Soil Salinity Research Institute (SSRI) in Pakistan, where he worked on soil analysis, the effects of nutrients on wheat, and experimental design. He received his B.Sc. (HONS) Agri. degree from UAF in June 2006. After obtaining his Bachelor degree he joined the National Institute of Biotechnology and Genetic Engineering (NIBGE) for his Master studies in biotechnology, where he finished the course work of his Masters. In September 2007 he was awarded an overseas PhD scholarship from the Higher Education Commission of Pakistan. He started his first year with an internship as a Master student in plant cell physiology with a research project on transcription factors involved in defense gene expression in Arabidopsis under the supervision of Dr. Huub Linthorst at Leiden University, the Netherlands. From October 2008 until September 2012 he worked as a PhD student under the supervision of Dr. Huub Linthorst at the Institute of Biology (IBL) at Leiden University in the Netherlands.