

CURRICULUM VITAE

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WORKING EXPERIENCE

Date	Designation	Institute
December 2003 till date	Lecturer	Institute of Biotechnology and Genetic Engineering, KP Agricultural University Peshawar-Pakistan

RESEARCH INTERESTS

Molecular biology, Plant genetic resources, RNAi gene silencing, Gene's characterization and functioning

LIST OF PUBLICATIONS:

Jatoi SA, Kikuchi A, **Ahmad D**, M, Watanabe KN (2010) Characterization of the genetic structure of mango ginger (*Curcuma amada* Roxb.) from Myanmar in farm and gene bank collection by the neutral and functional genomic markers. *Electronic Journal of Biotechnology* [online]. 15 november 2010, vol. 13, no. 6, [cited 20 november 2010] available from : <http://ejb.ucv.cl/content/vol13/issue6/full/10/10.pdf> ISSN: 0717-3458.

Ahmad D, Kikuchi A, Jatoi SA, Mimiura M, Watanabe KN (2009) Genetic variation of Chloroplast DNA in Zingiberaceae taxa from Myanmar assessed by PCR-restriction fragment length polymorphism analysis. *Annals of Applied Biology* 155: 91–101.

Ahmad D, Khan MS, Durrani IS, Swati ZA, Hussain M (2004) RNAi based resistance against tomato leaf curl virus. *Sarhad J. Agri* 20, 22-25.

Khan MS, **Ahmad D**, Durrani IS, Swati ZA, Hussain M (2004) Prevalence of different begomoviruses infecting chillies in NWFP and Punjab. *Sarhad J. Agri* 20, 30-33.

Khan M.S., **Ahmad D.**, Durrani I.S., Swati Z.A., Hussain M. (2004) Diversity of DNA beta associated with begomoviruses infecting chillies in Pakistan. *Sarhad J. Agri* 20, 41-47.

RESEARCH ARTICLES SUBMITTED /IN PREPARATION

Ahmad D., H. Nakajyo., A. Kikuchi., S. A. Jatoi., F. Kiuchi., Ye-Tint-Tun., K. N. Watanabe. Quantitative variation of curcuminoids in the autochthonal mango-ginger (*Curcuma amada*) of Myanmar. Phytochemical analysis,

Ahmad D., N. Wicaksana., T. Shimazaki., A. Kikuchi, S. A. Jatoi., K. N. Watanabe. Efficient In vitro conservation of Myanmar's native species of *Curcuma*, *Kaempferia* and *Zingiber* through a single direct regeneration protocol using an environmentally safe pre-treatment method. In vitro Cellular and Developmental Biology,

Ahmad D., A. Kikuchi, K. N. Watanabe. Genetic diversity assessment of selected Zingiberaceae taxa revealed by ginger SSRs.

ACADEMIC MEETING POSTER PRESENTATION

- **Ahmad D.**, H. Nakajyo., A. Kikuchi., S. A. Jatoi., F. Kiuchi., Ye-Tint-Tun., H. Shigemori., K. N. Watanabe. Quantitative variation of curcuminoids in the autochthonal mango-ginger (*Curcuma amada*) of Myanmar. 115th meeting of the Japanese Society of Breeding, March 27-28, 2009, Tsukuba International Congress Center, Tsukuba, Ibaraki, Japan, March-2009.
- Yu X., A. Kikuchi., E. Lelmen., **D. Ahmad.**, E. Matsunaga., T. Shimada., K. N. Watanabe. Environmental biosafety assessments of transgenic *Eucalyptus* conferring salt tolerance in Japan. 10th International Symposium on the Biosafety of Genetically Modified Organisms Wellington, New Zealand, November-2008.

MONOGRAPHS

- Jatoi S. A., **D. Ahmad.**, K.P.W. Hmon., K. N. Watanabe. (2008) Zingiberaceae in Myanmar Plant Genetic Resources Monograph (PGRM) Series 4. Mimatsu corporation Tokyo, Japan. ISBN978-4-903242-28-6
- Gilani S. A., R. Hirano., K.P.W. Hmon., **D. Ahmad.**, K. N. Watanabe. (2009) Monograph on Toddy Palm (*Borassus flabellifer*) with special reference to Myanmar Plant Genetic Resources Monograph (PGRM) Series 4. Mimatsu corporation Tokyo, Japan. ISBN978-4-903242-37-8