

**Mariz Sintaha**  
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## **Education**

**University of Dhaka, Dhaka, Bangladesh**  
2010 M.Sc Biochemistry & Molecular Biology

**University of Dhaka, Dhaka, Bangladesh**  
2008 B.Sc Biochemistry & Molecular Biology

**Dhaka City College, Dhaka, Bangladesh**  
2003 H.S.C Science

## **Employment Experience**

**Independent University, Bangladesh (IUB), Bashundhara, Dhaka**  
School of Life Sciences  
*Senior Lecturer, March, 2015- Present*

**Independent University, Bangladesh (IUB), Bashundhara, Dhaka**  
School of Life Sciences  
*Lecturer, January, 2012- March, 2015*

**University of Development Alternative (UODA), Dhaka, Bangladesh**  
Department of Biotechnology & Genetic Engineering  
*Lecturer, April, 2010- January, 2012*

## **Academic Appointments**

**University of Dhaka, Dhaka, Bangladesh**  
Department of Genetic Engineering & Biotechnology  
*Part time Teacher, October, 2010- October, 2011*

## **Research Experience**

**University of Development Alternative (UODA), Dhaka, Bangladesh**  
Department of Biotechnology & Genetic Engineering  
Research Supervisor of Student's Senior Project

**University of Dhaka, Dhaka, Bangladesh**  
Department of Biochemistry & Molecular Biology  
Thesis Student

## Research

**Title Study: Identification of Quantitative Trait Loci (QTL) linked to Reproductive Stage salt Tolerance of *Oriza sativa* (rice).**

M.Sc. Thesis Student  
January, 2009 – January 2010

**Title Study: “Work stress Among Ready Made Garment Workers in Gulshan, Dhaka”**

*Joint work with- University of Heidelberg in Germany*  
February, 2012 – March, 2012

**Title Study: “Bangladesh Prospective Urban and Rural Epidemiological Study**

*Joint work with- McMaster University, Canada*  
April, 2012 – Continuing

## Publications

- M. Sintaha. In Vitro Culture of Zebra Fish Early Stage Ovarian Follicles and Various Applications. *International Journal of Pharmaceutical and Biological Science Archive*, 1(2), September 2013.
- M. Sintaha. A Review on Use Of Genetically Engineered Microorganism for Bioremediation of Environmental Pollutants. *Indian Journal of Research in Pharmacy and Biotechnology*, 1(5):14, October 2013.
- M. Sintaha. Review On Health Effects Of Food Avoided By Literate Bangladeshi Women During Pregnancy. *World Journal of Pharmaceutical Research*, 4(1), January 2015.
- B.K. Sutradhar, M. Sintaha, J. Islam, A. Shoyeb, H.N Khaleque, F.A. Noor, W. Newaz, M. Rahmatullah. An Evaluation Of Antihyperglycemic and Antinociceptive Effects Of Crude Methanol Extract Of *Coccinia grandis* (L.) J. Voigt. (Cucurbitaceae) Leaves in Swiss Albino Mice. *Advances in Natural and Applied Sciences*, 5(1): 1-5, March 2011.
- M. Ali, K. Nahar, M. Sintaha, H.N. Khaleque, F.I. Jahan, K.R. Biswas, A. Swarna, M.N. Monalisa, R. Jahan, M. Rahmatullah. An Evaluation of Antihyperglycemic and Antinociceptive Effects of Methanol Extract of *Heritiera fomes* Buch- Ham. (Sterculiaceae) Barks in Swiss Albino Mice. *Advances in Natural and Applied Sciences*, 5(2): 116-121, June 2011.
- A.N.M. Hossan, F. Zaman, M. Sintaha, M.R. Barman, S. Khatoon, M. Zaman, F. Khatun, T. Mosaiab, F. Mostafa, F. Jamal, M. Rahmatullah. Antinociceptive Activity of *Xanthium indicum* J. Koenig Ex Roxb. (Asteraceae) Leaves and *Leucas aspera* (Willd.) Link (Lamiaceae) Whole Plants. *Advances in Natural and Applied Sciences*, 5(2): 214-217, June 2011.

- S.S. Lithy, S.F. Lisa, F. M.S. Azam, M. Sintaha, S. Rahman, F.A. Noor, , A. K. Paul, M. Rahmatullah. In Vitro Propagation from Cotyledonary Nodes of Germinated Seedlings of *Abelmoschus moschatus*. *American-Eurasian Journal of Sustainable Agriculture*, 5(3): 364-370, September, 2011.
- M.M. Hasan, e.A. Annay, M. Sintaha, H.N. Khaleque, F.A Noor, A.Nahar, S. Seraj, R. Jahan, Majeedul H.Chowdhury, M. Rahmatullah. A Survey of Medicinal Plant Usage by Folk Medicinal Practitioners in Seven Villages of Ishwardi Upazilla, Pabna District, Bangladesh. *American-Eurasian Journal of Sustainable Agriculture*, 4(3): 326-333, December 2010.
- M. Rahmatullah, M. Sintaha, A.H. Mollik, J.Alam, B. Ahmmed, F.I. Jahan, H.N. Khaleque, M.H.Chowdhury, F.A. Noor, S. Rahman, R. Jahan, S. Seraj. An Ethnoveterinary Survey of Medicinal Plants Used by Folk Medicinal Practitioners to Treat Cattle Diseases in Randomly Selected Areas of Bagerhat District, Bangladesh. *American-Eurasian Journal of Sustainable Agriculture*, 4(3): 386-396, December 2010.
- A.H. Mollik, A.I. Hassan, T.K. Paul, M. Sintaha, H.N.. Khaleque, F.A. Noor, A. Nahar, S. Seraj, R. Jahan, M.H. Chowdhury, M. Rahmatullah. A Survey of Medicinal Plant Usage by Folk Medicinal Practitioners in Two Villages by The Rupsha River in Bagerhat District, Bangladesh. *American-Eurasian Journal of Sustainable Agriculture*, 4(3): 349-356, December 2010.

#### Conference Papers and Presentations

- M. S. Rahman, H. B. Shozib, A. Ferdousi, M. Sintaha, M. A. Salam, M. J. Thomson, A. M. Ismail and Z. I. Seraj. Mapping of Salt Tolerance Traits of Bangladeshi Coastal AUS Rice Landrace Boilam (*Oryza sativa* L.). *Bangladesh Society for Biochemistry and Molecular Biology conference 2013, University of Chittagong, Chittagong, Bangladesh. January 12-13, 2013. P-93*
- M. S. Rahman, H. B. Shozib, A. Ferdousi, M. Sintaha, M. A. Salam, M. J. Thomson, A. M. Ismail and Z. I. Seraj. Mapping of Novel Salt Tolerance QTLs from Bangladeshi Coastal Aus Rice Landrace Boilam (*Oryza sativa* L.). *3rd International Rice Congress 2010, Hanoi, Vietnam, 8-12 November, 2010.*
- M. S. Rahman, A. Ferdousi, D. Mohammad, M. Sintaha and Z. I. Seraj. Application of DNA markers in the development of rice suitable for the changing environment. *Sixth AGM and Symposium, Organized by Graduate Biochemists Association (GBA), TSC Auditorium, University of Dhaka, Dhaka, Bangladesh, 21 May, 2010.*

## **Workshops**

- **5-Days Hands On Workshop on “Molecular Biotechnology & Bioinformatics”**  
Organized by: International Centre for Stem Cell, Cancer & Biotechnology (ICSCCB), Pune, India. ICSCCB, Baner Road, Pune, India. *21-25 April, 2014.*
  
- **Workshop on “Challenges of Young Women Scientists in New and Emerging Sciences”**  
Organized by: Bangladesh Academy of Sciences, Dhaka, Bangladesh.  
Auditorium of National Museum of science & Technology, Agargaon, Dhaka, Bangladesh. *24-25 March, 2012.*