

# Curriculum Vitae



## Personal Details

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1. **Name** – Dr. Nasima Akter
2. **Husband's Name** – Dr. Muhammad Abdus Sobahan
3. **Father's Name** – Nur Mohammad
4. **Mother's Name** – Kamrun Nahar
5. **Permanent Address**- Village – Nandina, Post – Nandina, Post Code – 2001, Upazilla–Jamalpur, District – Jamalpur.
6. **Present Address** – House – 4, Road-16, Sector-11, Uttara, Dhaka – 1230.
7. **E-mail** - nasimapatho@yahoo.com
8. **Cell phone Number** - 01777-514281
9. **Date of Birth**- 1st December 1982
10. **Marital Status** – Married
11. **Sex** – Female
12. **Religion**- Islam

## 13. Academic Qualification

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(Year)	(Degree), (Major), (Institution), (Grade/Class/Div.)
2009-2012	Doctor of Philosophy, Bioscience, Natural Science and Technology, Okayama University, Japan. <b>Grade A.</b>
2005-2006	Master of Science in Plant pathology, Bangladesh Agricultural University, Mymensingh. <b>First Class.</b>
2000-2003	Bachelor of Science in Agriculture, Major - Agriculture. <b>First Class (43th).</b>
1999	Higher Secondary School Certificate, Science, Sarishabari Mahmuda Salam Mohilla College, Dhaka, <b>First Division (*)</b> .
1997	Secondary School Certificate, Science, Sarishabari Pilot Girl's High School, Dhaka, <b>First Division.</b>

## 14. Thesis

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- Masters – Bio-control of Root Knot (*Meloidogyne incognita*) of Okra.
- PhD – Roles of Glutathione in Abscisic Acid- and Methyl Jasmonate-Induced Stomatal Closure in Arabidopsis.

## 15. Specializations

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(Main), (Sub), (Area)

Agricultural Science: Bioscience, Environmental stress physiology in higher plants.

## 16. Journal Publications

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### Referred Publications

- i) Akter N, Sobahan, MA, Uraji M, Ye W, Hossain MA, Nakamura Y, Mori IC, and Murata Y, Effects of Depletion of Glutathione on Abscisic Acid- and Methyl Jasmonate-induced Stomatal Closure in Arabidopsis. **Bioscience, Biotechnology and Biochemistry**, **76 (11), 2032-2037 (2012) (Japan)**.
- ii) Akter N, Okuma E, Sobahan MA, Uraji M, Shintaro M, Nakamura Y, Mori IC, and Murata Y, Negative Regulation of Methyl Jasmonate-Induced Stomata Closure by Glutathione in Arabidopsis. **Journal of Plant Growth Regulation**, **32 (1), 208-215 (2013) (Springer, USA)**.
- iii) Akter N, Sobahan MA, Hossain MA, Uraji M, Nakamura Y, Mori IC, and Murata Y, The Involvement of Intracellular Glutathione in Methyl Jasmonate Signaling in Arabidopsis Guard Cells. **Bioscience, Biotechnology and Biochemistry**, **74, 2504-2506 (2010) (Japan)**.
- iv) Akter N, Ahmad MU, and Sobahan MA, Bio-control of Root Knot (*Meloidogyne incognita*) of Okra. **Bangladesh Journal of Environmental Science**, **13, 50-52 (2007)**.

### Other Publications

- i) Sobahan MA, Akter N, Okuma E, Uraji M, Mori IC, Nakamura Y, Murata Y, Allyl Isothiocyanate (AITC) Induces Stomatal Closure in *Vicia faba*. **Bioscience, Biotechnology and Biochemistry**, **2015 Oct; 79(10):1737-42. Doi: 10.1080/09168451.2015.1045827**.
- ii) Sobahan MA, Akter N, Ohno M, Okuma E, Hirai Y, Mori IC, Nakamura Y, Murata Y, Effects of Exogenous Proline and Glycinebetaine on Salt Tolerance of Rice Cultivars. **Bioscience, Biotechnology and Biochemistry**, **76, 120233-1-3, (2012)**.
- iii) Wadud MA, Kabir MS, Akter N, Sobahan MA, and Ali MA, Vector Transmission of Leaf Curl Virus in Chilli. **Bangladesh Journal Environmental Science**, **16, 143-146 (2009)**.
- iv) Wadud MA, Akter N, Kabir MS, Ali MA, and Islam MS, Protection Techniques of Leaf Curl Infection in Chilli. **Bangladesh Journal Environmental Science**, **16, 127-130 (2009)**.
- v) Al-Mamun MA, Akter N, Kabir MS, Kamal AMA, and Sobahan MA, Effect of Variety and Nitrogen Fertilization on the Growth and Yield of Wheat. **Bangladesh Journal Environmental Science**, **15, 203-210 (2008)**.
- vi) Kabir MS, Ali MA, Akter N, Sobahan MA, and Anwer MT, Impact of Time of Infection of Mungbean Yellow Mosaic Disease on Performances of Winter Mungbean. **Bangladesh Journal Environmental Science**, **15, 131-134 (2008)**.
- vii) Anwer MT, Ahmad MU, Hossain I, and Akter N, Management of Root-Knot (*Meloidogyne*

*javanica*) of Grasspea by BAU-Biofungicide and Soil Organic Amendment. **Bangladesh Journal Seed Science and Technology**, 10, 1-5 (2006).

## 17. Conferences Proceedings

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- i) **Nasima Akter**, Muhammad Abdus Sobahan, Mohammad Anowar Hossain, Misugi Uraji, Yoshimasa Nakamura, Izumi C. Mori, and Yoshiyuki Murata (2010). Glutathione Functions in Methyl Jasmonate Signaling in Arabidopsis Guard Cells. Graduate School of Natural Science and Technology, Okayama University, P- 22.
- ii) **Nasima Akter**, Muhammad Abdus Sobahan, Mohammad Anowar Hossain, Misugi Uraji, Yoshimasa Nakamura, Izumi C. Mori, and Yoshiyuki Murata (2010). Involvement of Intracellular Glutathione in Methyl Jasmonate Signaling in Arabidopsis Guard Cells. Japanese Society for Bioscience Biotechnology and Agrichemistry, 28<sup>th</sup>, B-03.
- iii) **Nasima Akter**, Muhammad Abdus Sobahan, Mohammad Anowar Hossain, Misugi Uraji, Yoshimasa Nakamura, Izumi C. Mori, and Yoshiyuki Murata (2010). Glutathione Involves in Methyl Jasmonate Signaling in Arabidopsis Guard Cells. Bioactive Okayama. **International Conference** on Biologically Active Substances. Okayama Prefectural University, 6<sup>th</sup>, P-16.
- iv) **Nasima Akter**, Muhammad Abdus Sobahan, Misugi Uraji, Yoshimasa Nakamura, Izumi C. Mori, and Yoshiyuki Murata (2011). Methyl Jasmonate-Induced Stomatal Closure along with Intracellular Glutathione in Arabidopsis. Japanese Society for Bioscience Biotechnology and Agrichemistry, 30<sup>th</sup>, A-07.
- v) **Nasima Akter**, Muhammad Abdus Sobahan, Misugi Uraji, Wenxiu Ye, Mohammad Anowar Hossain, Izumi C. Mori, Yoshimasa Nakamura, and Yoshiyuki Murata (2012). Effects of Depletion of Glutathione on Abscisic Acid- and Methyl Jasmonate-Induced Stomatal Closure in Arabidopsis. Japanese Society for Bioscience Biotechnology and Agrichemistry, 33<sup>th</sup>, C-06.
- vi) **Nasima Akter**, Muhammad Abdus Sobahan, Eiji Okuma, Misugi Uraji, Shintaro Munemasa, Yoshimasa Nakamura, Izumi C. Mori, and Yoshiyuki Murata. Negative Regulation of Methyl Jasmonate-Induced Stomatal Closure by Glutathione in Arabidopsis. Bioactive Okayama 2012 **International Conference** on Biologically Active Substances (Food and Health). Okayama University, P-48, 14.09.2012 (Japan).

## 18. Awards

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Masters – National Science and Information & Communication Technology (NSICT) fellowship from Bangladesh government.

PhD – Honors scholarship for international students, Japan Student Service organization (JASSO).

## 19. Job Experience

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Position	Duration		Institution
	From	To	
Assistant Manager (Plant Pathologist)	03-02-2013	23-7-2015	MNT Seed Testing Lab, Lal Teer Seed Limited,
Senior Scientific Officer	26-7-2015	To date	BRRI, R/S Sonagazi, Feni

## 20. Professional training

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### (a) In Country:

Organization	Year	Duration		Training on
		Months	Days	
Seed Pathology Centre, Bangladesh Agricultural University, Mymensingh (Organized by BADC)	2014	-	3	Seed health testing
Bangladesh Rice Research Institute, Gazipur	2015	2	-	Rice Production

### (b) Abroad:

Organization	Year	Duration		Training on
		Months	Days	
Horticultural Research Institute, Depok, Indonesia (Organized by ISTA)	2014	-	5	Seed health testing

## 21. Course

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- i) Beginners I Japanese Language Course completion certificate, Japan.
- ii) Interdisciplinary course, Okayama University, Japan.

## 22. Skill and ability

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Data analysis, capabilities in computer using e.g. MS word, MS excel, MS power point.

Capabilities in fluorescence microscope, spectrophotometer, HPLC, PCR, Electrophoresis, electron microscope using.