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Date of birth March 19, 1976
Place of birth Thakurgaon, Bangladesh

Academic Degrees

2012 PhD, Tokyo University of Agriculture and Technology, Japan
2002 M.S, Bangladesh Agricultural University, Bangladesh
2000 B.Sc-Agriculture, Bangladesh Agricultural University, Bangladesh

Professional Career

10/2012- to date - Senior Scientific Officer- Bangladesh Jute Research Institute, Dhaka, Bangladesh
10/2009- 09/2012- Doctoral student- Tokyo University of Agriculture and Technology, Japan
11/2004- 09/2009- Scientific Officer- Bangladesh Jute Research Institute, Dhaka, Bangladesh
07/2004- 10/2004- Agriculture Instructor-Agricultural Training & Management Development Institute, Gazipur, Bangladesh
01/2003- 06/2004- Agriculture Teacher- BRTC High School, Gazipur, Bangladesh

Research Interest Mechanism of animal development and evolutionary changes
RNAi, microRNAs, gene regulation, host-insect interaction, pest control

Memberships Molecular Biology Society of Japan, Entomology Society of Bangladesh
Agriculturist Institution of Bangladesh, Seed Technology Society of Bangladesh

Marital Status Married. Wife- Aliya Parvin, Daughter- Faiza Sabniha

Seminar/Workshop

Oral presentation

Ecdysone-responsive transcription factors determine the expression region of target cuticular protein genes in the epidermis of *Bombyx mori*. The 82nd Annual meeting of Japanese Society of Sericultural Science. Kyushu University, Japan. March 18, 2012.

Poster Presentation

Ecdysone-responsive transcription factors determine the expression space of target cuticular protein genes in the epidermis of *Bombyx mori*. The 34th Annual meeting of the Molecular Biology Society of Japan. Pacifico Yokohama, Japan. December14, 2011.

Publications with peer review process:

1. Masamitsu Yamaguchi, **Md. Saheb Ali**, Yasuhide Yoshioka, Luong Linh Ly, and Hideki Yoshida.2017. NF-Y in invertebrates. ***Biochimica et Biophysica Acta (BBA)-Gene Regulatory Mechanisms.***

2. **Md. Saheb Ali**, Birendra Mishra, Mohammad Sahin Polan, Osamu Ninagi, Ahsanul Haque Swapon and Masamitsu Yamaguchi.2017. Regulation studies of a cuticle protein underlying genomic analysis. ***International Journal of Molecular Genetics and Gene Therapy***, *1*(2), pp.1-5.

3. **Md. Saheb Ali**, Birendra Mishra, R. F. Rahman, and Ahsanul Haque Swapon.2016. The silkworm *Bombyx mori* cuticular protein CPR55 gene is regulated by the transcription factor βFTZ-F1. ***The Journal of Basic & Applied Zoology***, *73*, pp.20-27.

4. **Md. Saheb Ali**, R. F. Rahman, and Ahsanul Haque Swapon . 2015. Transcriptional regulation of cuticular protein glycine-rich13 gene expression in wing disc of *Bombyx mori*, lepidoptera. ***Journal of Insect Science***, *15*(1), p.27.

5. **Md. Saheb Ali** and Ahsanul Haque Swapon. 2015. Regulation of tweedle cuticular protein gene expression at the pre-pupal stage in wing discs of *Bombyx mori*. *Munis Entomol. Zool.*, *10*, pp.225-233.

6. **Md. Saheb Ali**, Ahsanul Haque Swapon and Masamitsu Yamaguchi. 2014. Expression patterns of hypothetical cuticular protein genes in *Bombyx mori*. *Eur. J. Biotechnol. Biosci.*, *2*, pp.52-57.

7. **Md. Saheb Ali**, and Ahsanul Haque Swapon.2014. Developmental expression and hormonal responsiveness of cuticular protein genes at the prepupal stage in wing discs of *Bombyx mori*. *J. Entomol. Zool. Stud.*, *2*, pp.138-143.

8. **Md. Saheb Ali**, Masashi Iwanaga, and Hideki Kawasaki. 2013. Ecdysone-responsive transcriptional regulation determines the temporal expression of cuticular protein genes in wing discs of *Bombyx mori*. ***Gene***, *512*(2), pp.337-347.

9. **Md. Saheb Ali**, Masashi Iwanaga, and Hideki Kawasaki. 2012. Ecdysone-responsive transcription factors determine the expression region of target cuticular protein genes in the epidermis of *Bombyx mori*. ***Development genes and evolution***, *222*(2), pp.89-97.

10. **Md. Saheb Ali**, Hua-Bing Wang, Masashi Iwanaga, and Hideki Kawasaki. 2012. Expression of cuticular protein genes, BmorCPG11 and BMWCP5 is differently regulated at the pre-pupal stage in wing discs of *Bombyx mori*. ***Comparative Biochemistry and Physiology Part B****: Biochemistry and Molecular Biology*,*162*(1), pp.44-50.

11. Hua-Bing Wang, **Md. Saheb Ali**, Minoru Moriyama, Masashi Iwanaga, and Hideki Kawasaki.2012. 20-hydroxyecdysone and juvenile hormone analog prevent precocious metamorphosis in recessive trimolter mutants of *Bombyx mori*. ***Insect biochemistry and molecular biology***, *42*(2), pp.102-108. 2012
12. Mohammad Ali, **Md. Saheb Ali,** Abul Fazal Mollah, MH Rashid and GKMN Haque. 2008.Study on yield loss of rice due to insect infestation. *International Journal of Sustainable Agriculture & Technology*, 4(5), pp.65-68.

13. Mubarak Hossen, **Md. Saheb Ali,** Mahmuda Begum, Ayesha Khatton and Naznin Pervin. 2008.Effect of insect pest on vegetable production. *International Journal of Sustainable Agriculture & Technology*, 4(5), pp.26-28.

14. Nurul Islam, **Md. Saheb Ali,** Mohammad Ali, Abul Fazal Mollah and MM Rahman. Impact of insect and disease infestation on yield gap analysis and economic profitability of jute. 2008.*International Journal of Sustainable Agriculture & Technology*, 4(3), pp.45-47.

15. **Md. Saheb Ali**, MMR Shah, MH Rashid and Nurul Islam. 2008. Analysis of insect infestation on rice. *International Journal of Sustainable Agriculture & Technology*, 4 (3), pp.29-31.

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