

Curriculum Vitae

Personal Details:

Name : **Md. Golam Robbani**

Present working address : Dept. of Genetics and Plant Breeding
Sher-e-Bangla Agricultural University
Dhaka-1207, Bangladesh

Date of birth : 1st November, 1989

Place of birth : Joypurhat

Citizenship : Bangladesh

Academic Qualifications:

Dates : October 2017 – January 2020
Title of degree awarded : **Master of Science in AgriGenomics**
University : Christian Albrechts University Kiel, Germany
Result : 1.4 out of 1.0 (Max. 1.0, Min. 4.0)
Medium of Study : English
Course duration : 2 Years

Dates : July 2012 - December 2014
Title of degree awarded : **Master of Science in Genetics and Plant Breeding**
University : Sher-e-Bangla Agricultural University, Dhaka,
Bangladesh
Result : 3.96 out of 4.0 (Max. 4.0, Min. 2.5)
Medium of Study : English
Course duration : 2 Years

Dates : January 2008 – December 2011
Title of degree awarded : **Bachelor of Science in Agriculture (Honors)**
University : Sher-e-Bangla Agricultural University, Dhaka,
Bangladesh
Result : 3.77 out of 4.0 (Max. 4.0, Min. 2.0)
Medium of Study : English
Course duration : 4 Years

Master / Diploma or equivalent thesis:

Master's thesis (2) : CRISPR-Cas knock-out of glucosinolate synthesis genes to reduce glucosinolate content in rapeseed

Supervisors : Prof. Dr. Christian Jung, Dr. Hans-Joachim Harloff

Master's thesis (1) : Variability and Interrelationships of Yield and Yield Contributing Traits in F₅ Population of Boro Rice (*Oryza sativa* L.)

Supervisor: Prof. Dr. Md. Shahidur Rashid Bhuiyan

Work experience

01 February, 2020 - present

: Lecturer

Department of Genetics and Plant Breeding, Sher-e-Bangla Agricultural University, Dhaka, Bangladesh

Duties:

Conducting lecture on Genetics, Plant molecular biology

April 2018 - December 2018

: Student Assistant,

Plant Breeding Institute, Christian-Albrechts-University (CAU), Kiel

Project Name: Flowering time regulation in Quinoa,
Supervisor: Dr. Nazgol Emrani (Plant Breeding institute, CAU, Kiel)

Duties:

- Plot design and field trials
- Seed quality analysis, seed sampling, panicle bagging and harvesting
- Phenotyping of quinoa plants for different agronomical traits e.g. plant height, panicle length, days to flowering.
- Threshing and seed quality management.

01 April 2018 - 15 May, 2018

: Internship at animal Breeding Institute, CAU, Kiel

Project Name: Study of sequence variation in milk protein gene *CSN3* in 15 different cattle breed.

Supervisor: Prof. Dr. Georg Thaller (Animal Breeding Institute, CAU, Kiel)

Duties:

- Sequencing *CSN3* gene from 15 different cattle breed by Sanger sequencing method
- Analysis of sequence by Sequencher 4.5.6 software.
- Identification of breed specific SNP

14 December, 2014 to 13
October, 2017

: Lecturer

Department of Genetics and Plant Breeding, Sher-e-
Bangla Agricultural University, Dhaka, Bangladesh

Duties:

- Conducting lecture on Genetics, Cytology and Cytogenetics, Plant breeding

Skill

- DNA and RNA extraction
- Standard PCR, RT-qPCR
- Molecular cloning
- IPTG induced prokaryotic genes expression
- Western blot analysis
- sgRNA design for CRISPR/Cas induced mutation
- *Agrobacterium* mediated plant transformation
- Tissue culture
- Genotyping of CRISPR/Cas mutant by sequencing
- Skilled with CLC Workbench, MEGA6
- Proficient with BLAST search and different online platform such NCBI, Genoscope, brassicadb, TAIR, CDD, Pfam, PROSITE
- SPSS software package
- Emasculation and pollination techniques
- Pest management
- Diagnosis and identification of plant disease sample

List of published articles:

1. Das S.K., Sarkar M.D., Alam M.J., **Robbani M.G.**, Kabir M.H., (2015) Influence of plant growth regulators on yield contributing characters and yield of bell pepper (*Capsicum annuum*) varieties. *Journal of Plant Sciences*. 10 (2): 63-69
2. Rahman M.S., Parveen S., Rashid M.H., Akter R., Hossin A.Y, **Robbani M.G.**, (2015). Correlation and path coefficient analysis of tomato germplasms. *Int J Appl Sci Biotechnol*. 3(2): 223-226.
3. **Robbani M.G.**, Bhuiyan M.S.R., Ali M.A., Shakera A., Sonom M., (2016). Interrelationship and path co-efficient analysis for yield contributing traits in F₅ populations of rice (*Oryza sativa* L.). *Journal of Agricultural Sciences*. 1(1):105-113.
4. Sonom M, Bhuiyan M.S.R., Ali M.A., **Robbani M.G.** (2016). Genetic divergence in rapeseed (*Brassica rapa* L.). *Journal of Agricultural Sciences*. 1(1):91-96.
5. Ali M.A., Bhuiyan M.S.R., Rashid, M.H., Parveen S., **Robbani M.G.**, Sonom M, (2016). Breeding for an ideal plant type in *Brassica rapa* L. *Plant Knowledge Journal*. 5(1): 36-43.
6. Shakera A., Bhuiyan M.S.R., Zeba N., **Robbani M.G.**, (2017) New plant type genotypes in *Brassica rapa* L. *J. Expt. Biosci*. 8(1):1-8

Name of Referees

1. **Prof. Dr. Christian Jung**
Director
Plant Breeding Institute
Christian-Albrechts-University
Botanical Garden 1-9
24118 Kiel
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2. **Dr. Hans-Joachim Harloff**
Senior scientist
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3. **Dr. Md. Shahidur Rashid Bhuiyan**
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