

---

## S. M. HISAM AL RABBI

**Postal address** : Scientific Officer  
Biotechnology Division Bangladesh  
Rice Research Institute  
Gazipur – 1701, Bangladesh  
Telephone: 880 29262937 Ext. 378  
Mobile: 01724013356  
E mail: halrabbi@yahoo.com



**Date of birth** : 25 May 1982  
**Place of birth** : Naogaon, Bangladesh  
**Nationality** : Bangladeshi (by birth)  
**Marital Status** : Married

### Educational Qualifications:

Name of Examinations	Name of the Institution	Year of passing	Class/Grade
S.S.C	Naogaon Zila School, Naogaon	1997	First Division
H.S.C.	Saidpur Govt. Technical College, Saidpur, Nilphamari	1999	First Division
B.Sc.Ag.(Hons)	Bangladesh Agricultural University, Mymensingh	2003 (Held in 2005)	First Class
MS in Biotechnology PhD in Plant Sciences	Bangladesh Agricultural University, Mymensingh North Dakota State University	December, 2006 June, 2017	Grade-A (3.914 out of 4) GPA 3.91 out of 4
PhD in Molecular Genetics	North Dakota State University, USA	2017	(3.914 out of 4)

---

## Present job description:

Employer	Designation	Duration	Major areas of research
BRRI, Gazipur, Bangladesh	Senior Scientific Officer and Head	2019-Till to date	Molecular Biology
BRRI Gazipur, Bangladesh	Scientific Officer	2007 to 2019	Molecular Biology

## Research Publications:

**A. Thesis:** Identification of Grain Quality Traits of Rice by Phenotypic Characters and Microsatellite Markers

**B.** Genetics of Drought Tolerance in Hard Red Spring Wheat in the Northern United States of America

### C. Published articles:

1. **SMHA Rabbi.**, SN Begum, MS Haque, MM Islam and RM Emon. 2007. Identification of Grain Quality of Rice Using Phenotypic Characters and Microsatellite Markers . *Bangladesh Journal of Crop Science*. 18 (1): 81-88.
1. MM Islam, **SMHA Rabbi**, N Sultana, RK Roy and A Taher. 2008. Nutrient Consumption Pattern and Monthly Family Income of The Social Families In Bangladesh. *J. agric. educ. Technol.* 11 (1&2):39-44.
2. MN Uddin, **SMHA Rabbi**, MA Monsur, MR Hasan and MK Quais. 2009. Effect of Organic and Inorganic Fertilizers on the Vegetative Growth of Lemon. *Intl. J. BioRes.* 7 (1):56-63.
3. MN Uddin, MA Monsur, MK Quais, A Haque, **SMHA Rabbi**.and MR Hasan. 2009. Effect of Organic and Inorganic Fertilizers on the Yields and Yield Contributing Characteristics of Two Lemon Varieties. *Eco-friendly Agril. J.* 2 (2):414-419.
4. MJ Islam, ME Hoque, N Sultana, HU Ahmed, **SMHA Rabbi** and MS Ali. 2009. Effect of NaCl and Na<sub>2</sub>SO<sub>4</sub> on Germination, Callus Induction and Subsequent Plant Regeneration in Some BRRI Developed Rice Varieties. *Bangladesh Rice J.* 14 (1&2:93-98, 2009)
5. MH Uddin, MM Islam, MSN Mandal, MA Hossain and **SMHA Rabbi**. 2010. Performance of Two Varieties of Boro Rice as Influenced by Poultry Manure Based Integrated Fertilizer Management. *The agriculturists* 8(1): 38-46.
6. N Sultana, GHM Sagor, MA Newaz, **SMHA Rabbi** and MJ Islam. 2010. In Vitro Screening of Some Wheat Genotypes For Drought Tolerance. *Intl. J. BioRes.*8(4): 40-43.

7. SZ Islam, KM Nasiruddin, ME Hoque, **SMHA Rabbi** and MS Ali. 2010. Genotyping of Some Local and Exotic Wild Rice Germplasm. *Bangladesh Rice J.* 15 (1): 93-100.
8. N Sultana, **SMHA Rabbi**, KM Iftekharuddaula, L Farzana and MA Latif. 2010. Genetic variability, character association and path analysis of yield components in some landraces of rice (*Oryza sativa* L.). *J. Bangladesh Soc. Agric. Sci. Technol* 7(1 & 2): 15-19
9. M M Islam, M E Hoque, **S M H A Rabbi**, H Hossain, R K Roy, S Sultana and M S Ali. Diversity Analysis of BRRRI Hybrid Genotypes and their Parents. 2010. International Plant Tissue Culture & Biotechnology Conference. December 3-5. Dhaka, Bangladesh.
10. **SMHA Rabbi**, N Sultana, KM Iftekharuddaula, NU Ahmed and S Mia. 2010. Genetic divergence in landraces of Bangladesh rice ( *Oryza sativa* L. ) *The Agriculturists* 8 (2)
11. **Rabbi SMHA.**, A. Kumar, S.M. Naraghi, S. Simsek, M. S. Alamri, E. M. Elias, S. Kianian, S. Sapkota, A. M. Missaoui and M. Mergoum (2021) Genome-wide Association mapping for yield and related traits under drought stressed and non-stressed environments in wheat. *Front. Genet.* (12). doi: 10.3389/fgene.2021.649988.
12. **Rabbi SMHA.**, A. Kumar, S.M. Naraghi, S. Sapkota, M. S. Alamri, E. M. Elias, S. Kianian, A. M. Missaoui and M. Mergoum. (2021) Identification of main-effect and environmental interaction QTL and their candidate genes for drought tolerance in a wheat RIL population between two elite spring cultivars. *Front. Genet.* (12). doi: 10.3389/fgene.2021.656037.
13. Naraghi SM, S. Simsek, A. Kumar, **S. M. H. A. Rabbi**, M. S. Alamri, E. M. Elias and M. Mergoum. (2019) Deciphering the genetics of major end-use quality traits in wheat. *G3*(9). doi: 10.1534/g3.119.400050.
14. **Rabbi SMHA.**, P. L. Biswas, E. S. M. H. Rashid, K. M. Iftekharuddaula, N. M. R. Rahman, M. S. Rahman, M. A. R. Sarkar, M. A. A. Mamun, M. U. Salam and M. S. Kabir. (2020). Increasing Rice Yield Through Targeting Genetic Potentials by Rice. *Bangladesh Rice Journal*. (Accepted on April 22, 2021).
15. M S Kabir, M U Salam, A K M S Islam, M A R Sarkar, M A A Mamun, M C Rahman, B Nessa, M J Kabir, H B Shozib, M B Hossain, A Chowdhury, M Nasim, K M Iftekharuddaula, M S Hossain, M K A Bhuiyan, B Karmakar, M S Rahman, M M Haque, M T Khatun, M P Ali, **S M H A Rabbi**, P L Biswas, E S M H Rashid and N M F Rahman. (2020) Doubling Rice Productivity in Bangladesh: A Way to Achieving SDG 2 and Moving Forward. *Bangladesh Rice Journal*. (Accepted on April 22, 2021).
16. H B Shozib, M A Siddiquee, N M F Rahman, M A A Mamun, M A R Sarkar, **S M H A Rabbi**, M U Salam and M S Kabir. (2020). Grain Quality Research of Rice for

Ensuring Nutritional Food Security. Bangladesh Rice Journal. (Accepted on April 22, 2021).

**D. Book:**

M S Ali, M E Hoque, S Sultana, M Z Hossain, **S M H A Rabbi**, R K Roy, N Hoque, H Hossain and M Islam. 2013. An Integrated Approach to Characterize BRRI released Varieties. Director General. Bangladesh Rice Research Institute. Gazipur 1701.

**Award received:**

(i) Charles and Linda Moses Presidential Graduate Fellowship for the 2013-2014 Academic year.
(ii) Charles and Linda Moses Presidential Graduate Fellowship for the 2014-2015 Academic year.
(iii) Charles and Linda Moses Presidential Graduate Fellowship for the 2015-2016 Academic year.
(iv) Frank Bain Scholarship for the academic year 2016-17.

Thank you very much for reading my resume.

Sincerely

**S.M. Hisam Al Rabbi**