

## **PDS of Md. Abdullah-Al-Mamun**

- 1. Name** : Md. Abdullah-Al-Mamun
- 2. Father's name** : Md. Abul Hasan
- 3. Mother's name** : Rebeka Yeasmin
- 4. Gender** : Male
- 5. Mailing Address** : BJRI, Manik Mia Avenue, Dhaka-1207
- 6. Permanent Address** : Sheikhpara, Khanpur, Manirampur, Jashore-7440,  
Bangladesh
- 7. Date of birth and age** : 07/11/1992
- 8. Age** : 30 Years 11 Months on 07-10-2023
- 9. Email** : abduallahmamun@bjri.gov.bd
- 10. Educational Qualification**

<b>Degree/Diploma/Certificate</b>	<b>Class/Grade/Division</b>	<b>University/Institute/Board</b>	<b>Year</b>
MS in Biotechnology and Genetic Engineering	3.28	Khulna University	2018
B. Sc. in Genetic Engineering and Biotechnology	3.56	Jessore University of Science and Technology	2015
H.S.C.	5.00	Jessore Board	2009
S.S.C.	5.00	Jessore Board	2007

## 11. Field of Specialization

- i. Bioinformatic analysis
- ii. Pathway and network analysis
- iii. Molecular biology
- iv. Genome editing
- v. Nanobiotechnology

## 12. Training/Program

Organization	Year	Duration		Name of Training/Program
		Mos.	Days	
BRRI, Gazipur	2023		10	Training on Advance Biotechnology
NIB, Dhaka	2023		02	Training on Linux and NGS data analysis (Online)
NIB, Dhaka	2023		02	Python Programming for Biological Research (Online)
NIB, Dhaka	2023		02	R Programming for Biological Research (Online)
NIB, Dhaka	2023		02	Bioinformatics for Drug Design (Online)
BBBS, Dhaka	2020		02	Training on Biosafety and Biosecurity (Online)
DU, Dhaka	2020	03		cBLAST course on Cheminformatics (Online)
NIB, Dhaka	2015		07	Training on Basic Biotechnology

## 13. Experience:

Position	Period		Total Yr/Mo
	Form	To	
Scientific Officer (SO) Bangladesh Jute Research Institute	07/12/2022	Till now	About One Year

## 14. Publication:

### a. Full Scientific Paper as principal author

- i. **Abdullah-Al-Mamun, M.**, Hasan, M.J., Al Azad, S., Uddin, M.G., Shahriyar, S. and Mondal, K.J., 2016. Evaluation of Potential Probiotic Characteristics of Isolated Lactic Acid Bacteria from Goat Milk. *Biotechnology Journal International*, pp.1-7.
- ii. **Md. Abdullah-Al-Mamun**, Salauddin Al Azad, Kaak Jyoti Mondal, Sharmin Quazi Bonny, S.M. Tushar Alom, Biplob Kumar Das, 2016. Factorial Analysis of the Reasons of Type 2 Diabetes Mellitus from the Selected Urban and Rural Subjects of Bangladesh. *Indian Journal of Medical Research and Pharmaceutical Sciences*, September 2016;3.(9)
- iii. **Abdullah-Al-Mamun, M.**, Saifullah and Rahman, S.M., 2017. Assessment of Probiotic Properties of Isolated Lactic Acid Bacteria from Human Milk Sample. *Advances in Bioresearch*, 8(6), pp140-146.

### b. Full Scientific Paper as associate author

- i. Pokhrel S, Bouback TA, Samad A, Nur SM, Alam R, **Abdullah-Al-Mamun M**, Nain Z, Imon RR, Talukder MEK, Tareq MMI, Hossen MS, Karpiński TM, Ahammad F, Qadri I, Rahman MS. Spike protein recognizer receptor ACE2 targeted identification of potential natural antiviral drug candidates against SARS-CoV-2. *Int J Biol Macromol*. 2021 Sep 27;191:1114–25.
- ii. Al Azad, S., Farjana, M., Mazumder, B., **Abdullah-Al-Mamun, M.** and Haque, A.I., 2020. Molecular identification of a *Bacillus cereus* strain from Murrah buffalo milk showed in vitro bioremediation properties on selective heavy metals. *Journal of Advanced Veterinary and Animal Research*, 7(1), p.62.
- iii. Al Azad, Salauddin., **Abdullah-Al-Mamun, Md.**, Mondal, K.J. and Shahriyar, S., 2016. Ebola Virus and its Mechanism in Fatal Disease Formation. *European Academic Research*, 4(3), pp 2489-2505.
- iv. Rifat-Al-Naser, Saifullah, **Md. Abdullah-Al-Mamun**, Md. Saddam Hossain, Md. Arifuzzaman and Forhad Karim Saikot, 2016. Probiotic Properties Profiling of Isolated Lactic Acid Bacteria from the Intestine of *Channa punctata*. *Microbiology Research Journal International*, 17(4):1-8.
- v. Mohammad Shah Hafez Kabir, Mohammed Shamim Hasan, Md. Giash Uddin, Gour Saha, **Md. Abdullah-Al-Mamun** and Nishan Chakrabarty, 2016. Thrombotic Effect of Some Antibiotic Drugs: In Vitro and In Silico Approach. *World Journal of Pharmaceutical Research*, Volume 5, September Issue 9, 2016. .
- vi. Salauddin Al Azad, Sayeed Shahriyar, HM Iftekhar Alam, Kanak Jyoti Mondal and **Md. Abdullah-AlMamun**, 2016. Identification and analysis of major street fast food borne pathogenic fungi and its sensitivity to nystatin. *Journal of Pharmacognosy and Phytochemistry*, 5(3): 187-191.
- vii. Sultana HMS. Alam I, Al-Azad S, Adhikery D, **Al-Mamun A** (2018). Therapeutic potentiality assessment of *Leucas aspera* as an effective phytochemical, neuro-pharmacological, antihelminthic, analgesic and selective lethal agent. *Acad. J. Pharm. Pharmacol*. 6(2): 024-031.
- viii. Salauddin Al Azad, **Md. Abdullah-Al-Mamun**, Kanak Jyoti Mondal, Samiul Alim and Md. Mostafizur Rahman. 2016. Range of various fungal infections to local and hybrid varieties of non-germinated lentil seed in Bangladesh. *Journal of Bioscience and Agriculture Research*, Vol. 09, Issue 01: 775-781.

## 15. Research achievement

(i) No of technology developed : Nil

(ii) No of Research Program

(a) Developed : Nil

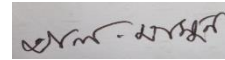
(b) Supervised : Nil

(c) Executed : Nil

## 16. Outstanding achievement

i. Achievement -Nil

ii. Patent registered- Nil



15.10.2023

**(Md. Abdullah-Al-Mamun)**  
Scientific Officer  
Bangladesh Jute Research Institute  
Manik Mia Avenue, Dhaka-1207