

Research and Professional Experiences		MOHAMMAD NASIR UDDIN, Ph.D. Assistant Professor Mawlana Bhashani Science & Technology University, Bangladesh Personal Info. e-mail nasir.bmb@mbstu.ac.bd cell +8801912162654 Address in Bangladesh Department of Biochemistry and Molecular Biology, Faculty of Life Science Mawlana Bhashani Science & Technology University Room-712, Academic building-3, Santosh, Tangail-1902, Bangladesh Transferable Skills: <ul style="list-style-type: none">Time managementWritten commutationsAbility to gather and interpret informationDecision-making and problem-solvingOral communicationAbility to learn quicklyProject management Language: English: professional Bengali: mother tongue Urdu: basic Japanese: basic
02/23-now Tangail, Bangladesh	Assistant Professor , Mawlana Bhashani Science and Technology University Major responsibilities: <ul style="list-style-type: none">Teaching the various courses of Biochemistry and Molecular Biology for graduate and undergraduate studentsSupervise research conducted by Project and Thesis group studentPreparing question and scotting exam scripts.	
04/2021-02/2023 Tokyo, Japan	Postdoctoral fellow , Juntendo University. Project: Physical exercise altered the expression of miRNA and attenuated dementia related comorbidities. <ul style="list-style-type: none">Purified RNA from mouse hippocampus and measured Tau level by RT-PCR.Analyzed the data cytokines and microRNA microarray data.Explored putative genes responsible for improve cognition dysfunction and memory lossValidating the genes using functional genomics tools Key achievements: Wrote a chapter (Tau propagation) of the books of Elsevier (Autophagy dysfunction in Alzheimer’s and Dementia)	
2016 – 2021 Tokyo, Japan	Graduate Student , Juntendo University. Project: prion-like tau propagation inhibited by lithium. <ul style="list-style-type: none">Established <i>in vitro</i> tau propagation model in SH-SY5Y cellsMeasured aggregated tau using western blotting (FUSION FX)Colocalized the autophagic vacuoles and aggregated tau by immunofluorescence (LSM780)Observed autophagic vacuoles through ultrastructural microscope (HT7700)Analyzed the data by Image J and statistical tools (student t-test) Key achievements: <ul style="list-style-type: none">Acquired independent research abilitiesExpertise on protein expression, isolation and purification methods.Presented abstract and poster in meeting/conference Published the thesis work in the international journal (BBRC)	
2015 – 2016 Dhaka, Bangladesh	Senior Research Officer , International Center for Diarrheal Disease Research, Bangladesh. Project: Drinking water salinity and kidney health in southwest coastal population in Bangladesh. <ul style="list-style-type: none">Established filed laboratory for biospecimen collection and analysis.Prepared SOP for GLP and trained research assistants, field staff.Estimated hypertensive biomarker by biochemical analyzer. Key achievements: <ul style="list-style-type: none">Expertise with lab and field project management.Collaborative worked with diverse scientific communityAcquired co-authorship of 3 research article published in high impact journal	
2009 – 2015 Narayanganj Bangladesh	Scientific Officer , Columbia-Chicago University Arsenic and Health research office Bangladesh Project: Nutrient supplement altered epigenetic regulation of arsenic exposed peoples in Bangladesh <ul style="list-style-type: none">Fractionated and preserved respondents blood cells.Investigated routine pathological and biochemical parameter by automated analyzer Key achievements: <ul style="list-style-type: none">Expertise to handling and processing human biospecimen.Acquired co-authorship of > 15 research article published in high impact journal	Interested to work <ul style="list-style-type: none"><i>in vitro</i> cell culturegenomics, proteomics, bioinformaticsdata analysis.Scientific writingLaboratory managementTeaching
Education		Linkein ID linkedin.com/in/mohammad-nasir-uddin-ph-d-a2184716 Google Scholar https://scholar.google.com/citations?user=99a-33sAAAAJ&hl=en ORCiD https://orcid.org/0000-0003-0223-9763 Scopus ID 57260095200 Web of Science ResearcherID: GXH-6273-2022
2016 – 2021 Tokyo, Japan	PhD in Medicine , Diagnosis, Prevention, and Treatment of Dementia, Juntendo University	
2005 – 2006 Bangladesh	MS in Biochemistry and Molecular Biology , University of Dhaka, 1 st class 8 th position	
2001 – 2005 Bangladesh	BS in Biochemistry and Molecular Biology , University of Dhaka, 1 st class 6 th position	
1999—2001 Dhaka	HSC (science) , Birshreshtha Munshi Abdur Rouf Public College, First division	
1997—1999 Dhaka	SSC (science) , Birshreshtha Munshi Abdur Rouf Public College, First division.	
Awards and Grants		
2020	Best Poster Presentation Award, Juntendo University, Tokyo, Japan	
2016	Japanese Government Monbukagakusho Scholarship (MEXT).	
2009	Dean’s Award, Faculty of Biological Science, University of Dhaka,	

2019, Tokyo, Japan	38 th Annual General Meeting of Japan Society for Dementia Research (JSDR), poster presentation	
2020, Netherlands	Alzheimer’s Association International Conference, 2020 (online)	
2022 Tokyo, Japan	63th Annual General meeting Japan Society for Neurology, Poster presentation	