

Kazi Nadim Hasan

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Education

Hirosaki University School of Medicine, Hirosaki University, Japan

- PhD, Internal Medicine (Laboratory Medicine, Human Molecular Genetics) 2003 – 2007

University of Dhaka, Bangladesh

- Master of Philosophy (M.Phil), Biochemistry and Molecular Biology 2000
- Master of Science (M.Sc), Biochemistry and Molecular Biology
(First Class, Third Position) 1995
- Bachelor of Science (B.Sc), Biochemistry and Molecular Biology
(First Class, Fourth Position) 1992

Research Interest: Human Molecular Genetics, Clinical Genetics, Viral Genomics, Molecular Diagnostics, Infectious disease Immunology and Epidemiology.

Professional appointment

1) Professor, Dept. of Biochemistry and Microbiology, North South University

February 04, 2016 – till now

Serving as the Vice-Chairman of the NSU IRB/ERC, IBC

2) Associate Professor, Dept. of Biochemistry and Microbiology, North South University

December 26, 2011 – February 03, 2016

Chairman, Dept. of Biochemistry and Microbiology, North South University

January 01, 2013 – May 18, 2014

2) Assistant Professor, Dept. of Biochemistry and Microbiology, North South University

Summer 2009 – Fall 2011

3) Bangladesh Institute of Research and Rehabilitation in Diabetes,

Endocrine and Metabolic Disorders (BIRDEM)- WHO collaborating center for prevention and control of diabetes, Dhaka, Bangladesh

- Research Officer, Department of Immunology 1996 – 2003; 2007-2009
- Research Fellow, Department of Immunology 1995 – 1996

Teaching experiences

Part-time Faculty in the Department of Biochemistry and Microbiology, School of Health and Life Sciences, North South University: **Spring 2008 – Spring 2009**

- Courses taught: Biophysical Chemistry, Protein and Enzyme Chemistry, Basic Immunology

Assistant Professor, Department of Biochemistry and Microbiology, School of Health and Life Sciences, North South University: **Summer 2009 – Fall 2011**

- Courses taught: Biophysical Chemistry, Protein and Enzyme Chemistry, Basic Immunology, Applied Immunology and Immunogenetics, Genes and diseases, Biology I, Laboratory Courses: Biochemistry, Immunology, Molecularbiology, Molecular Diagnostics
- Supervised research projects of undergraduate students and dissertations of graduate students

Associate Professor, Department of Biochemistry and Microbiology, School of Health and Life Sciences, North South University: **December 26, 2011 – February 03, 2016**

- Courses taught: Biophysical Chemistry, Protein and Enzyme Chemistry, Basic Immunology, Applied Immunology and Immunogenetics, Genes and diseases, Biology I, Laboratory Courses: Biochemistry, Immunology, Molecular Biology, Molecular Diagnostics
- Supervised research projects of undergraduate students and dissertations of graduate students

Professor, Department of Biochemistry and Microbiology, School of Health and Life Sciences, North South University: **February 04, 2016 – till now**

- Courses taught: Protein and Enzyme Chemistry, Basic Immunology, Applied Immunology and Immunogenetics, Genes and diseases, Biology I, Laboratory Courses: Biochemistry, Immunology, Molecular biology, Molecular Diagnostics
- Supervised research projects of undergraduate students and dissertations of graduate students

Department of Laboratory Medicine, Hiroasaki University School of Medicine 2003 – 2007

- Taught MD students of School of Medicine, Supervised research projects of MD students enrolled in the Department.

Research and Professional experiences

Department of Biochemistry and Microbiology, School of Life Sciences, North South University

Ongoing Research Projects

- Development of a Point of Care (POC) Lateral Flow Assay (LFA) Ruler for the quantification of Human Chorionic Gonadotropin (hCG) in Urine Samples from pregnant women
- Study of the candidate gene polymorphisms with Chronic Kidney Disorders (CKD) in Bangladeshi Individuals
- Prevalence of Polycystic Ovarian Syndrome (PCOS) and its Association with Depression and Anxiety Among Women of Reproductive Age in Bangladesh

Completed Research Projects

- Projects of North South University on Complete genome sequencing of SARS-CoV-2 circulating in Bangladesh, comprehensive variant and phylogenetic analysis approach.
- Study of the SARS-CoV-2 derived Peptidome Presentation by HLA Class I: A Random Forest Approach
- Role of variants of drug metabolizing genes of human to determine optimum dose of the drug for the individual, a vital area of personalized medicine.
- Molecular Diagnostics approaches of infectious diseases like hepatitis, pulmonary tuberculosis and sexually transmitted diseases (STD) and genetic disorders: development and optimization of protocols.
- Determination of hepatitis C virus genotypes and subtypes in Bangladesh by Direct Sequencing analysis of 5' -UTR of HCV genome.
- Identification and Comparison of Hepatitis C Virus (HCV) Genotypes by Next Generation Sequencing (NGS) and Sanger Sequencing.
- Evaluation of Immunological status against Hepatitis B virus (HBV) among young healthy individuals.
- Evaluation of commercialized two rapid diagnostic ICT test for HBsAg as indicator of HBV infection comparing with HBV-DNA by Real-time PCR as reference method.
- Evaluation of commercialized two rapid diagnostic ICT test for Anti-HCV as indicator of HCV infection comparing with HCV-RNA by Real-time RT-PCR as reference method.
- Molecular Diagnostics approaches of genetic disorders like beta-thalassemia by direct sequencing prenatal and postnatal: identifying rare, novel mutation inheritance in Bangladeshi population
- Identification and analysis of mutation inheritance causing genetic disorders by Next Generation Sequencing

- Finding the association of candidate gene polymorphisms with life style related disorders like diabetes, hypertension.
- Infectious disease Immunology and Epidemiology.
- Molecular Assessment of Food Adulteration and Food Pathogen Detection.

Hirosaki University School of Medicine, Japan; PhD Research

- Role of vasopressin V1a receptor (V1aR) gene polymorphism in essential hypertension, type 2 diabetes mellitus and platelet responsiveness to vasopressin.
Also involved in-
- Gene expression profiling of platelets from individual with enhanced response to AVP (AVP responder) and individual with low response to AVP (AVP non-responder) by oligoarray using AceGene® Human Oligo Chip 30K 1 Chip Version.
- Platelet V1a receptor mRNA expression in healthy subjects defined by the four SNPs of V1aR gene.
- Micro RNA (miRNA) expression analysis in AVP stimulated CD34+ hematopoietic progenitor cells.

University of Dhaka, Bangladesh; M.Phil thesis

- Evaluation of chronic hepatitis B virus infection using serum DNA level, serological markers and liver function tests.

University of Dhaka, Bangladesh; M.Sc thesis

- Effect of goitrogens (KSCN and AITC) on growth and development of the rat brain.

Department of Immunology, BIRDEM; Research (Employment tenure)

- Infectious disease immunology and molecular biology with different diagnostic approaches on hepatitis, pulmonary tuberculosis and sexually transmitted diseases (STD).
- Genetic backgrounds of diabetic and non-diabetic sibs in young Bangladeshis

Department of Immunology, BIRDEM (Employment tenure)

- Involved in establishing molecular based diagnosis of hepatitis B, C, M tuberculosis; Molecular based tissue typing (HLA A, B, DR, DQ genotyping).
- Supervision of medical technologists involved in the diagnostic serology, immunochemistry
- Taught M.Phil students of the department

Publications

1. Sadia Ferdous, K M Shayerul Abedin Shayer, Afia Anjum, Sabbir R. Shuvo, Ishrat Jabeen, Kristi Paul Hridi, A.K.M. Imrul Hassan, Md Imran Khan, Mohammad Fazle Alam Rabbi, Mahmud Hossain, **Kazi Nadim Hasan**, Sohikul Islam. Genomic insights into multidrug-resistant *Acinetobacter baumannii* strains isolated from Dhaka, Bangladesh. *J Adv Biotechnol Exp Ther*. 2025 Jan; 8(1): 64-78. eISSN: 2616-4760, <https://doi.org/10.5455/jabet.2025.06>
2. Mohammad Fazle Alam Rabbi, Mala Khan, Mamudul Hasan Razu, Md. Imran Khan, Saam Hasan, Mauricio Chalita, **Kazi Nadim Hasan**, Abu Sufian, Md. Bayejid Hosen, Mohammed Nafiz Imtiaz Polol, Jannatun Naima, Kihyun Lee, Yeong Ouk Kim, Md. Mizanur Rahman, Jongsik Chun, Md. Abdul Khaleque, Zabed Bin Ahmed, Nur A. Hasan h, Rita R. Colwell, Sharif Akhteruzzaman. Genomic and evolutionary study from SARS-CoV-2 virus isolates from Bangladesh during the early stage of pandemic strongly correlate with European origin and not with China. *Genomics*. 2022 Nov;114(6):110497. <https://doi.org/10.1016/j.ygeno.2022.110497>
3. M.Murshed Hasan Sarkar, Mohammad Fazle Alam Rabbi, Shahina Akter, Tanjina Akhtar Banu, Barna Goswami, Iffat Jahan, M. Saddam Hossain, Eshrar Osman, Mohammad Samir Uzzaman, M. Ahashan Habib, Abu Sayeed Mohammad Mahmud, Firoz Kabir, **Kazi Nadim Hasan**, M. Mizanur Rahman, M. Abdul Khaleque, Sharif Akhteruzzaman, M. Salim Khan. Genome Sequence of a SARS-CoV-2 P.1 Variant of Concern (20J/501Y.V3) from Bangladesh. *Microbiol Resour Announc*. 2021 Jul 8; 10(27): e00524-21. <https://doi.org/10.1128/MRA.00524-21>. PMID: 34236224 DOI: [10.1128/MRA.00524-21](https://doi.org/10.1128/MRA.00524-21)
4. Maqsd Hossain, Tahrima Saiha Huq, Aura Rahman, Md. Aminul Islam, Syeda Naushin Tabassum, **Kazi Nadim Hasan**, Abdul Khaleque, Abdus Sadique, Mohammad Salim Hossain, Newaz Mohammed Bahadur, Firoz Ahmed, Hasan Mahmud Reza. Novel mutations identified from whole-genome sequencing of SARS-CoV-2 isolated from Noakhali, Bangladesh. 30 April 2021, PREPRINT, Research Square. <https://doi.org/10.21203/rs.3.rs-437228/v1>
5. Abu Sufian, Ashish Kumar Majumder, M Abu Taher, Md Abul Khaleque, Sharif Akhteruzzaman and **Kazi Nadim Hasan**. The predominance of Hepatitis C Virus Genotypes and Its Association with the Viral Load in Bangladeshi Population. *Bioresearch Communications* 2021; 7 (1): 955 - 959. <http://www.bioresearchcommunications.com/index.php/brc/article/view/182>
6. Montazid MS, Sajib AA, **Hasan KN**, Khaleque MA, Rahman M, Sufian A, Akhteruzzaman S. Multiplex allele-specific detection of clinically important CYP2C19 variants associated with clopidogrel metabolism in a Bangladeshi population sample. *Meta Gene* 2021 (Available online 2020); 27: 100830. <https://doi.org/10.1016/j.mgene.2020.100830>
7. Khan MI, **Hasan KN**, Sufian A, Hosen MB, Polol MNI, Khaleque MA, Rahman MM, Chowdhury MSM, Haider HU, Razu MH, Khan M, Rabbi MF. Reports of Coding-Complete Genome Sequences of Five Novel Coronavirus (SARS-CoV-2) Strains Isolated in Bangladesh. *Microbiol Resour Announc*. 2020; 9(31): e00692-20. <https://doi.org/10.1128/MRA.00692-20>. PMID: 32732236
8. Md Asadulghani, Pawan Angra, Md Giasuddin, Md Latiful Bari, Md Shahidul Islam, Chandan Kumar Roy, Md Rakibul Islam, Zhahirul Islam, **Kazi Nadim Hasan**, Mohammad Aminul Islam, A.H.M. Nurun Nabi, Tasnim Farzana, Jamal Pasha Chowdhury, Munawar Sultana, Tania Mannan, Mohammad Hafizur Rahman, Abdul Jabbar Sikder, and Md Salimullah. Strengthening

- Biosafety and Biosecurity Status in Bangladesh: A Sustainable Approach. *Applied Biosafety (APB)*. 2020; 25 (4): 240 – 252. <https://doi.org/10.1177/1535676020930430>
9. Rahman ASMZ, Bhattacharjee A, Jaber AA, Hossain M, **Hasan KN**, Islam S and Bhuyan ZA. High-Risk Non-synonymous SNPs of Human Bcl-2 Gene Alters Structural Stability and Small Molecule Binding. *Biores Comm*. 2020; 6(1): 791-800.
 10. **Kazi N. Hasan**, Abu Sufian, Ashish K. Mazumder, M. Abdul Khaleque, Mizanur Rahman & Sharif Akhteruzzaman. A Novel Pathogenic β -Thalassemia Mutation Identified at Codon 8 (HBB: c.27delG) in a Bangladeshi Family Acquired *De Novo*. *Hemoglobin* 2019, 43:3, 162-165, DOI: 10.1080/03630269.2019.1638797. <https://doi.org/10.1080/03630269.2019.1638797>
 11. **Kazi Nadim Hasan**, Abu Sufian, Ismail Hosen, Ashish Kumar Mazumder, Abdul Khaleque, Mizanur Rahman, Gias Uddin Ahsan and Sharif Akhteruzzaman. Beta-Thalassemia Caused by De novo Mutation in the beta-globin Gene Identified in Two Bangladeshi Families. *J Blood Disord Transfus* 2018; 9 (4): 408. Doi: 10.4172/2155-9864.1000408.
 12. Mukesh Jain, Sohikul Islam, A. S. M. Zisanur Rahman, Sharmin Akhtar, **Kazi Nadim Hasan**, Gias Uddin Ahsan, Abdul Khaleque, Maqsd Hossain. Molecular analysis of hemagglutinin, neuraminidase, matrix genes provide insight into the genetic diversity of seasonal H3N2 human influenza A viruses in Bangladesh during July–August, 2012. *Virus Disease* 2018; 29(44). doi: 10.1007/s13337-018-0431-y
 13. **Kazi Nadim Hasan**, Md Abdul Khaleque, Nahian Anjum Shejuti, Tanzila Wasi and Sohikul Islam. Prevalence of Hepatitis B Virus Seromarkers and Associated Risk Factors in Young Healthy Individuals in Bangladesh: Implications for Preventive Strategies. *Hepat Mon*. 2017; 17(6):e14245. doi: [10.5812/hepatmon.14245](https://doi.org/10.5812/hepatmon.14245).
 14. **Kazi Nadim Hasan**, Tanzila Wasi, Nahian Anjum Shejuti, Anika Afzal, Sohikul Islam. COMPARATIVE EVALUATION OF TWO RAPID DIAGNOSTIC TEST DEVICES AND REAL-TIME PCR FOR THE DETECTION OF HEPATITIS B SURFACE ANTIGENS IN HUMAN PLASMA: IMPLICATIONS IN BLOOD DONATION SCREENING. *J I T M M Proceedings*, 2017; 6: 17 – 25. www.jitmm.com/proceeding
 15. Mashfiqul-Hasan, Hasanat MA , **Nadim-Hasan K** , Sandesh-Panthi , Yasmin-Aktar , Nusrat-Sultana , Sharmin-Jahan , Atiqur-Rahman M , Mazumder AK , Khaleque M A , Fariduddin M and Sharif-Akhteruzzaman. TCF7L2 gene rs7903146 polymorphism is observed in gestational diabetes mellitus in Bangladesh. *Integr Obesity Diabetes*, 2016; Volume 2(4): 250-254. doi: [10.15761/IOD.1000154](https://doi.org/10.15761/IOD.1000154)
 16. M.A. Khaleque, C.A. Keya, **K.N. Hasan**, M.M. Hoque, Y. Inatsu, M.L. Bari. Use of cloves and cinnamon essential oil to inactivate *Listeria monocytogenes* in ground beef at freezing and refrigeration temperatures. *LWT - Food Science and Technology* 2016; 74: 219 – 223.
 17. **Hasan, K. N.**, Khaleque, M. A., Majumder, A. K., Rahman, M. M., Akhteruzzaman, S. Identification of compound heterozygosity for rare beta-globin gene mutation, codon 15 (-T) with a common mutation IVS1-5 (G>C) by direct sequencing in a Bangladeshi patient. *Biores comm*. 2016; 2(2): 245 – 248.
 18. Ashish Kumar Majumder, Md. Abdul Khaleque, **Kazi Nadim Hasan**, Lamyah Sultana Meem and Sharif Akhteruzzaman. Two cases of Klinefelter Syndrome identified by quantitative fluorescence PCR (QF-PCR). *Bioresearch Communications* 2015; 1(1): 17 – 21.

19. Atique FB, Ahmed KT, Asaduzzaman SM, **Hasan KN**. Effects of Gamma Irradiation on Bacterial Microflora Associated with Human Amniotic Membrane. *Biomed Res Int*. 2013; 2 013:586561. doi: 10.1155/2013/586561. Epub 2013 Aug 27.
20. **Kazi Nadim Hasan**, Fahmida Nasrin, M Abu Taher, Sharif Neaz, Sohikul Islam, Obaidur Rahman, Ishrat Jabeen, M Abdul Khaleque, Sharif Akhteruzzaman. Comparative Analysis of Hepatitis C Virus (HCV) RNA, Anti-HCV and Liver Transaminase Levels as Markers and Predictors of infectivity in HCV Infection. *BJMS* 2012; 18(2):120 – 125.
21. Sohikul Islam, Lamyah Sultana Meem, **Kazi Nadim Hasan**, M Abdul Khaleque, Obaidur Rahman. Multidrug resistance of *Pseudomonas aeruginosa* Isolated from Burn Patients. *BJMS* 2012; 18(2):132 – 134 .
22. Obaidur Rahman, **Kazi Nadim Hasan**, Abdul Khaleque, Ishrat Jabeen, Sohikul Islam. Dietary Intake of Urea from Puffed Rice (Muri) in Bangladesh. *BJMS* 2012; 18(1): 53 – 57.
23. **Hasan KN**, Shoji M, Sugimoto K, Tsutaya S, Yasujima M. Role of vasopressin V1a receptor in hypertension, diabetes mellitus and platelet function: genetic polymorphism study. *Hiroaki Med. J.* 2007; 58: 35 – 52.
24. **Hasan KN**, Shoji M, Sugimoto K, Tsutaya S, Matsuda E, Kudo R, Nakaji S, Suda T, Yasujima M. Association of novel promoter single nucleotide polymorphisms in vasopressin V1a receptor gene with essential hypertension in nonobese Japanese. *J Hum Hypertens.* 2007; 21(10):825-7.
25. Zaid RB, Nargis M, Neelotpol S, Sayeed MA, Banu A, Shurovi S, **Hassan KN**, Salimullah M, Ali L, Azad Khan AK. Importance of acetylator phenotype in the identity of Asian populations. *Hum Biol.* 2007; 79(3):363-8.
26. **Hasan KN**, Shoji M, Tsutaya S, Kudo R, Matsuda E, Saito J, Kimura T, Yasujima M. Study of V1a vasopressin receptor gene single nucleotide polymorphisms in platelet vasopressin responsiveness. *J Clin Lab Anal.* 2006; 20(3): 87-92.
27. Golam Azam, Mak Rumi, **Kazi Nadim Hasan**, Ak Azad Khan. Family members at risk of hepatitis B due to horizontal transmission. *J Gastro Hepat.* 2006; 21:A16-A16
28. Golam Azam, MAK Rumi, SMM Hassan, **Kazi Nadim Hasan**, AK Chowdhury, MS Hassan, AKA Khan. Cost-effectiveness of prevaccination screening for hepatitis B virus infection among hospital staff. *J Gastro Hepat.* 2004; 19(S):A856
29. Aziz MM, Khan AY, **Hasan KN**, Azad Khan AK, Hassan MS. Comparison between IS6110 and MPB64 primers for the diagnosis of Mycobacterium tuberculosis in Bangladesh by polymerase chain reaction (PCR). *Bangladesh Med Res Counc Bull.* 2004; 30: 87-94.
30. Hasanat MA, Rumi MA, Alam MN, Ahmed S, **Hasan KN**, Khan AY, Salimullah M, Mahtab H, Khan AK. Urinary iodine status and thyroid dysfunction: a Bangladesh perspective. *Bangladesh Med Res Counc Bull.* 2004; 30:16-24.
31. Parvez MA, **Hasan KN**, Rumi MA, Ahmed S, Salimullah M, Tahera Y, Gomes DJ, Huq F, Hassan MS. PCR can help early diagnosis of pulmonary tuberculosis. *Southeast Asian J Trop Med Public Health.* 2003; 34: 147-53.
32. Monowar Aziz, Kazi Nadim Hasan, AK Chowdhury, MAK Rumi, Y Tahera, Muhammad Abul Hasanat, M Elahi, MS Hassan. Leishmaniasis can be effectively diagnosed by PCR from peripheral blood. *Immunology Letters* 2003;87(1-3):179

33. Aziz MM, **Hasan KN**, Hasanat MA, Siddiqui MA, Salimullah M, Chowdhury AK, Ahmed M, Alam MN, Hassan MS. Predominance of the DEN-3 genotype during the recent dengue outbreak in Bangladesh. *Southeast Asian J Trop Med Public Health*. 2002; 33:42-8.
34. **Hasan KN**, Rumi MA, Hasanat MA, Azam MG, Ahmed S, Salam MA, Islam LN, Hassan MS. Chronic carriers of hepatitis B virus in Bangladesh: a comparative analysis of HBV-DNA, HBeAg/anti-HBe, and liver function tests. *Southeast Asian J Trop Med Public Health*. 2002; 33:110-7.
35. Gibney L, Saquib N, Macaluso M, **Hasan KN**, Aziz MM, Khan AY, Choudhury P. STD in Bangladesh's trucking industry: prevalence and risk factors. *Sex Transm Infect*. 2002; 78: 31-6.
36. Sayeed MA, Hassan MS, **Hasan KN**, Parvez MA, Khan AY, Salimullah M, Khanam PA, Mahtab H, Khan AK. Genetic background of diabetic and nondiabetic sibs in young Bangladeshis. *Bangladesh Med Res Counc Bull*. 2000; 26:69-74.
37. Rumi MA, Siddiqui MA, Salam MA, Iqbal MR, Azam MG, Chowdhury AK, Khan AYM, **Hasan KN**, Hassan MS. Prevalence of infectious diseases and drug abuse among Bangladeshi workers. *Southeast Asian J Trop Med Public Health*. 2000; 31: 571-4.
38. Hasanat MA, Rumi MA, Alam MN, **Hasan KN**, Salimullah M, Salam MA, Fariduddin M, Mahtab H, Khan AK. Status of antithyroid antibodies in Bangladesh. *Postgrad Med J*. 2000; 76: 345-9.
39. Rumi MA, Begum K, Hassan MS, Hasan SM, Azam MG, **Hasan KN**, Shirin M, Khan AK. Detection of hepatitis B surface antigen in pregnant women attending a public hospital for delivery: implication for vaccination strategy in Bangladesh. *Am J Trop Med Hyg*. 1998; 59: 318-22.

Conference Papers

- Chairing Technical Session on “Infection Prevention, Biosafety, and Biosecurity” in International Conference and Bioscience Carnival (ICBC) 2025, organized by Rangamati Science and Technology University and Bangladesh Biosafety and Biosecurity Society, 16 – 18 May, 2025.
- **Kazi Nadim Hasan**, Md. Rakibul Islam, Md Shahidul Islam, Chandan Kumar Roy, Zahahirul Islam, A.K.M. Mostafa Anower, AHM Nurun Nabi, Tasnim Farzana, Mohammad Hafizur Rahman, Jamal Pasha Chowdhury, Tania Mannan, Md Giasuddin, Latiful Bari, Md. Salimullah and Md. Asadulghani. Implementation of Biosafety and Biosecurity in Molecular Diagnosis: Particular Focus on Testing and Detection of SARS-CoV2. Webinar Conference: Biosafety and Biosecurity Recurrent days, October 2021, Canada.
- Abul Mueed Ibne Momen, Hossain Mohammad Nayeem Khan, **Kazi Nadim Hasan***, Abu Sufian, Md Abul Khaleque, Ashish Kumar Majumde, Sharif Akhteruzzaman. Distribution of Hepatitis C virus genotypes and its association with viral load in Bangladeshi population. International Conference on Genomics, Nanotech & Bioengineering, May 2017, North South University, Bangladesh.
- Abu sufian, **Kazi Nadim Hasan***, Md. Abdul Khaleque, Ismail Hosen, Ashish Kumer Mazumder, and Sharif Akhteruzzaman. Beta Thalassemia Caused by De Novo Mutation in the Beta-Globin Gene Identified in Bangladeshi Population Sample. International Conference on Genomics, Nanotech & Bioengineering, May 2017, North South University, Bangladesh.

- Nusrat Jahan Rouf, Muhammad Maqsd Hossain, Sohikul Islam, Md Abul Khaleque, **Kazi Nadim Hasan***. Rapid Detection of SRY gene by conventional Polymerase Chain Reaction using in House Design Primers and Optimization: a cost-effective approach. International Conference on Genomics, Nanotech & Bioengineering, May 2017, North South University, Bangladesh.
- **Kazi Nadim Hasan**, Tanzila Wasi, Aniqaf Afzal, Nahian Anjum Shejuti, Sohikul Islam. Comparative evaluation of two Rapid Tests Devices and Real-time PCR for the detection of hepatitis B surface antigen in human plasma: implications in blood donation screening. Joint International Tropical Medicine Meeting 2016 (JITMM 2016) Amari Watergate, Bangkok, Thailand.
- Nahian Anjum Shejuti, Tanzila Wasi, Aniqaf Afzal Esha, Sohikul Islam, **Kazi Nadim Hasan***. Evaluation of immunological status, acquisition risk factors and awareness regarding hepatitis B Virus (HBV) infection among young healthy individuals in Bangladesh Joint International Tropical Medicine Meeting 2016 (JITMM 2016), Amari Watergate, Bangkok, Thailand.
- National conference on Biochemistry and Molecular Biology for Life Sciences 2016, held in University of Dhaka, Bangladesh
- Khaleque, C.A. Keya, **K.Nadim Hasan**, M.M. Hoque, Y. Inatsu, M.L. Bari. Use of cloves and cinnamon essential oil to inactivate *Listeria monocytogenes* in ground beef at freezing and refrigeration temperatures. 3rd Asian Food Safety & Security Association Conference September 2016, KIIT University, Bhubaneswar, India.
- 10th Meeting of Hirosaki International Forum of Medical Science, 2006 held in Hirosaki, Japan
- 21st Scientific Meeting of the International Society of Hypertension, 2006 held in Fukuoka, Japan.
- 53rd National Congress of the Japanese Society of Laboratory Medicine, 2006 held in Hirosaki, Japan.
- 52nd National Congress of the Japanese Society of Laboratory Medicine, 2005 held in Fukuoka, Japan.
- 51st National Congress of the Japanese Society of Laboratory Medicine, 2004 held in Tokyo, Japan.
- Tohoku Society of Laboratory Medicine, 2004 held Hirosaki, Japan
- Tohoku Society of Laboratory Medicine, 2003 held Hirosaki, Japan
- 37th Annual Meeting of the European Association for the Study of the Liver, 2002 held in Madrid, Spain.
- 11th International Congress of Immunology, 2001 held in Stockholm, Sweden
- 10th International Congress of Immunology, 1998 held in New Delhi, India.

Awards and Honours

- NSU Research Grants (CTRG) for 3 cycles
- External Research Grants: Ministry of Science & Technology, Republic of Bangladesh. Special Allocation Grant 2018-19
- Rotary Yoneyama Memorial Foundation Scholarship, Doctoral Fellowship, Hirosaki University, 2005 – 2007
- Hirosaki City Scholarship, Hirosaki University, 2004 – 2005

- Honours Scholarship, Japanese Government (Monbukagakusho) Doctoral student Fellowship, Hirosaki University, 2003 – 2004

Professional Affiliations:

- Member, Japanese Society of Laboratory Medicine, Japan
- Member, Graduate Biochemists Association, Bangladesh
- Member, Bangladesh Society for Biochemistry and Molecular Biology, Bangladesh.
- Member, Japanese Universities Alumni Association in Bangladesh (JUAAB) , Bangladesh
- Advisor, Bangladesh Biosafety & Biosecurity Association (BBBA), Dhaka



Kazi Nadim Hasan, PhD