

Dr. Rashed Noor

rashednoor@iub.edu.bd; noor.rashed@yahoo.com

Education

- Apr 2009 – Mar 2010* **Post Doctorate**, Molecular Biology & Systems Biology,
Laboratory of Informational Biochemistry, Yamaguchi University, Japan
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- Apr 2006 – Mar 2009* **Ph. D**, Molecular Biology, Applied Molecular Biosciences, Graduate
School of Medicine, Yamaguchi University, Yamaguchi & Ube, Japan
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- Apr 2004 – Mar 2006* **MS**, Molecular Biology, Department of Biological Chemistry, Yamaguchi
University, Yamaguchi, Japan
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- Jul 1997 – Jun 1998* **M. Sc.**, Microbiology
Department of Microbiology, University of Dhaka, Bangladesh
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- Jul 1993 – Jun 1997* **B. Sc. (Hons.)**, Microbiology
Department of Microbiology, University of Dhaka, Bangladesh
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Employment Experience

- September 03, 2018 - Present* **Associate Professor**, School of Life Sciences (SLS), Independent
University, Bangladesh (IUB), Dhaka, Bangladesh
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- Mar 15, 2017 – Sept 02, 20018* **Professor & Chairman**, Department of Microbiology,
Stamford University Bangladesh, Dhaka, Bangladesh
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- Dec 11, 2011 – Mar 14, 2017* **Associate Professor & Chairman**, Department of Microbiology,
Stamford University Bangladesh, Dhaka, Bangladesh
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- May 20, 2010 – Nov 30, 2011* **Assistant Professor & Chairman**, Department of Microbiology,
Stamford University Bangladesh, Dhaka, Bangladesh
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- Apr 20, 2009 – Mar30, 2010* **Post Doctoral Researcher**, Department of Biological Chemistry,
Yamaguchi University, Japan
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- Oct 01, 2003 – Mar 30, 2009* **Researcher** (Japan Govt. Scholar), Laboratory of Informational
Biochemistry , Yamaguchi University, Japan
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- Apr 01, 2000 – Aug 22, 2003* **Microbiologist & Senior Production Officer**,
GlaxoSmithKline (GSK), Chittagong Site, Bangladesh
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Academic Appointments

Associate Professor, School of Life Sciences (SLS), Independent University, Bangladesh (IUB), Dhaka, Bangladesh (*September 03, 2018 – Present*)

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Professor & Chairman, Department of Microbiology, Stamford University Bangladesh, Dhaka, Bangladesh (*Mar 15, 2017 – Sept 02, 20018*)

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Associate Professor & Chairman, Department of Microbiology, Stamford University Bangladesh, Dhaka, Bangladesh (*Dec 11, 2011 – Mar 14, 2017*)

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Assistant Professor & Chairman, Department of Microbiology, Stamford University Bangladesh, Dhaka, Bangladesh (*May 20, 2010 – Nov 30, 2011*)

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Post Doctoral Researcher, Department of Biological Chemistry, Yamaguchi University, Japan (*Apr 20, 2009 – Mar30, 2010*)

Publications: 117

Total number of full length research papers: 117

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Citations: 1100; h-index: 20; i-10 index: 45; Total impact: 35 (approx.)

Publication websites

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<https://scholar.google.co.uk/citations?user=BCJDdRsAAAAJ>

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https://www.researchgate.net/profile/Dr_Rashed_Noor

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<https://www.ncbi.nlm.nih.gov/pubmed/?term=Rashed+Noor>

Publications Highlights (57 out of 117 papers are listed)

Major Papers in International Journals: 42

1. Noor R., Ahmed T. Zika virus: Epidemiological study and its association with public health risk. **Journal of Infection and Public Health**. 2018. DOI: 10.1016/j.jiph.2018.04.007

2. **Noor R**, Ahmed T, Munshi SK. State of Bioremediation in Bangladesh: Current Concept and Implementation Compared to Global Approaches. **CLEAN – Soil, Air, Water**. 2017; 45(1): 1500622. DOI: 10.1002/clen.201500622
3. **Noor R**. Microbiological quality of commonly consumed street foods in Bangladesh . **Nutrition & Food Science**. 2016; 46(1): 130-141.
4. Hasan R, Acharjee M, **Noor R**. Prevalence of Vancomycin Resistant *Staphylococcus aureus* (VRSA) in Methicillin Resistant *S. aureus* (MRSA) Strains Isolated from Burn Wound Infections. **Tzu Chi Medical Journal**. 2016; 28(2): 49-53.
5. Mahfuza I, Arzina H, Kamruzzaman M, Afifa K, Afzal, HM, **Noor R**, Roksana H. Microbial status of street vended fresh-cut fruits, salad vegetables and juices in Dhaka city of Bangladesh. **International Food Research Journal**. 2016. 23(5): 2258-2264.
6. Rahman H, Feroz F, Alam MS, Das KK, **Noor, R**. Demonstration of the source of microbial contamination of freshly cultivated cabbage, cauliflower, potato and squash collected from rural farms of Bangladesh. **International Food Research Journal** 2016; 23(3): 1289-1295.
7. Munna MS, Tahera J, Afrad MH, Nur IT, **Noor R**. Survival of Bacillus spp. SUBB01 at high temperatures and a preliminary assessment of its ability to protect heat-stressed *Escherichia coli* cells. **BMC Res Notes**. 2015; 8:637. PMID: 26526722
8. **Noor R**. Mechanism to control the cell lysis and the cell survival strategy in stationary phase under heat stress. **SpringerPlus**. 2015; 4:599. DOI: 10.1186/s40064-015-1415-7. PMID: 26543734
9. **Noor R**, Zerín N, Das KK, Nitu LN. Safe usage of cosmetics in Bangladesh: a quality perspective based on microbiological attributes. **J Biol Res (Thessalon)**. 2015; 22(1):10. DOI: 10.1186/s40709-015-0033-4. PMID: 26361608
10. Munna MS, Humayun S, **Noor R**. Influence of heat shock and osmotic stresses on the growth and viability of *Saccharomyces cerevisiae* SUBSC01. **BMC Res Notes**. 2015; 8:369. DOI: 10.1186/s13104-015-1355-x. PMID: 26298101
11. Chowdhury FFK, Acharjee M, **Noor R**. Maintenance of Environmental Sustainability Through Microbiological Study of Pharmaceutical Solid Wastes. **CLEAN – Soil, Air, Water**. 2015; 44(3): 309–316.

12. **Noor R**, Malek M, Rahman MS, Meghla M, Acharjee M, Rahman MM. Assessment of Survival of Pathogenic Bacteria in Raw Fresh Vegetables through *in vitro* Challenge Test. **International Journal of Food Contamination**. 2015; 2:15. DOI: 10.1186/s40550-015-0021-3
13. **Noor R**, Feroz F. Requirements for microbiological quality management of the agricultural products: an introductory review in Bangladesh perspectives. **Nutrition & Food Science**. 2015; 45(5): 808-816.
14. **Noor R**, Munna MS. Emerging diseases in Bangladesh: current microbiological research. **Tzu Chi Medical Journal**. 2015; 27(2): 49-53.
15. **Noor R**, Hasan MF, Munna MS, Rahman MM. Demonstration of virulent genes within *Listeria* and *Klebsiella* isolates contaminating the export quality frozen shrimps. **International Aquatic Research**. 2015; 7 (2): 157-161.
16. Akon T, Das KK, Nitu LN, **Noor R**. Demonstration of *in vitro* anti-bacterial activity of the popular cosmetics items used by the Dhaka locality. **Asian Pac J Trop Dis**. 2015; 5 (suppl. 1): S121 - S126.
17. Sharmin M, Banya PD, Paul L, Chowdhury FFK, Afrin S, Acharjee M, Rahman T, **Noor R**. Study of microbial proliferation and the *in vitro* antibacterial traits of commonly available flowers in Dhaka Metropolis. **Asian Pac J Trop Dis**. 2015; 5 (2): 91-97.
18. Alam MS, Feroz F, Rahman H, Das KK, **Noor R**. Microbiological contamination sources of freshly cultivated vegetables. **Nutrition & Food Science** 2015; 45 (4): 646 - 658.
19. Sharmin M, Nur IT, Acharjee M, Munshi SK, **Noor R**. Microbiological profiling and the demonstration of *in vitro* anti-bacterial traits of the major oral herbal medicines used in Dhaka Metropolis. **SpringerPlus**. 2014; 3:739. DOI: 10.1186/2193-1801-3-739. **PMID: 25674469**
20. Nur IT, Munna MS, **Noor R**. Study of exogenous oxidative stress response in *Escherichia coli*, *Pseudomonas* spp., *Bacillus* spp. and *Salmonella* spp. **Turkish Journal of Biology**. 2014; 38(4): 502-509.
21. **Noor R**, Hasan MF, Rahman MM. Molecular characterization of the virulent microorganisms along with their drug-resistance traits associated with the export quality

- frozen shrimps in Bangladesh. **SpringerPlus**. 2014; 3:469. DOI: 10.1186/2193-1801-3-469. **PMID: 25197622**
22. Aurin TH, Munshi SK, Kamal SM, Rahman MM, Hossain MS, Marma T, Rahman F, **Noor R**. Molecular approaches for detection of the multi-drug resistant tuberculosis (MDR-TB) in Bangladesh. **PLOS ONE**. 2014; 9(6):e99810. DOI: 10.1371/journal.pone.0099810. **PMID: 24932706**
 23. Acharjee M, Rahman F, Jahan F, **Noor R**. Bacterial Proliferation in Municipal Water Supplied in Mirpur Locality of Dhaka City, Bangladesh. **CLEAN – Soil, Air, Water**. 2014; 42(4): 434–441.
 24. Sultana T, Rana J, Chakraborty SR, Das KK, Rahman T, **Noor R**. Microbiological analysis of common preservatives used in food items and demonstration of their *in vitro* anti-bacterial activity. **Asian Pac J Trop Dis**. 2014; 4 (6): 452–456.
 25. Marjan S, Das KK, Munshi SK, **Noor R**. Drug-resistant bacterial pathogens in milk and some milk products. **Nutrition & Food Science** 2014; 44 (3), 241-248.
 26. Acharjee M, Ahmed E, Munshi SK, **Noor R**. Validation of γ -irradiation in controlling microorganisms in fish. **Nutrition & Food Science**. 2014; 44 (3): 258-266.
 27. Alam SMS, Kalam MA, Munna MS, Munshi SK, **Noor R**. Isolation of pathogenic microorganisms from burn patients admitted in Dhaka Medical College and Hospital and demonstration of their drug-resistance traits. **Asian Pac J Trop Dis** 2014; 4 (5): 402-407.
 28. Sultana S, Tarafder GH, Siddiqui TA, Shaha BC, Walliullah M, Ahmed T, Munna MS, Noor AF, Popy SK, Das KK, Acharjee M, Urmi NJ, Rahman T, **Noor R**. Microbiological quality analysis of shrimps collected from local market around Dhaka city. **International Food Research Journal** 2014; 21 (1): 33-38.
 29. Hasan M, Munshi SK, Banu Momi MS, Rahman F, **Noor R**. Evaluation of the effectiveness of BACTEC MGIT 960 for the detection of mycobacteria in Bangladesh. **Int J Mycobacteriol**. 2013; 2(4):214-9. **PMID: 26786125**
 30. **Noor R**, Hossain A, Munshi SK, Rahman F, Kamal SM. Slide drug susceptibility test for the detection of multidrug-resistant tuberculosis in Bangladesh. **J Infect Chemother**. 2013; 19(5):818-24. **PMID: 23397321**

31. **Noor R**, Akhter S, Rahman F, Munshi SK, Kamal SM, Feroz F. Frequency of extensively drug-resistant tuberculosis (XDR-TB) among re-treatment cases in NIDCH, Dhaka, Bangladesh. **J Infect Chemother**. 2013; 19(2):243-8. **PMID: 23053506**
32. Khan SA, Feroz F, **Noor R**. Study of extended spectrum β -lactamase producing bacteria from urinary tract infection in Dhaka city, Bangladesh. **Tzu Chi Medical Journal**. 2013; 25(1): 39-42.
33. **Noor R**, Uddin MA, Haq MA, Munshi SK, Acharjee M, Rahman MM. Microbiological study of vendor and packed fruit juices locally available in Dhaka city, Bangladesh. **International Food Research Journal** 2013; 20 (2): 1011-1015.
34. **Noor R**, Islam Z, Munshi SK, Rahman F. Influence of Temperature on *Escherichia coli* Growth in Different Culture Media. **J Pure Appl Microbio**. 2013; 7 (2): 899-904.
35. Hassan MR, Acharjee M, Das E, Das KK, Ahmed T, Akond MA, Fatema KK, **Noor R**. Microbiological study of sea fish samples collected from local markets in Dhaka city. **International Food Research Journal** 2013; 20 (3): 1491-1495.
36. Munshi SK, Rahman F, Mostofa Kamal SM, **Noor R**. Comparisons among the diagnostic methods used for the detection of extra-pulmonary tuberculosis in Bangladesh. **Int J Mycobacteriol**. 2012; 1(4):190-5. **PMID: 26785622**
37. Murata M, **Noor R**, Nagamitsu H, Tanaka S, Yamada M. Novel pathway directed by σ^E to cause cell lysis in *Escherichia coli*. **Genes Cells**. 2012; 17(3):234-47. **PMID: 22251246**
38. **Noor R**, Shaha SR, Rahman F, Munshi SK, Rahman MM, Uddin MA. Frequency of opportunistic and other intestinal parasitic infections among the HIV infected patients in Bangladesh. **Tzu Chi Medical Journal** 2012; 24 (4): 191-195.
39. Fakruddin M, Sarker N, Ahmed MM, **Noor R**. Protein Profiling of Biotypes of *Bacillus thuringiensis* isolated from Agro-forest Soil in Bangladesh. **As Pac J. Mol. Biol. Biotechnol**. 2012; 20 (4): 139-145.
40. **Noor R**, Murata M, Yamada M. Oxidative stress as a trigger for growth phase-specific σ^E -dependent cell lysis in *Escherichia coli*. **J Mol Microbiol Biotechnol**. 2009; 17(4):177-87. **PMID: 19729880**

41. **Noor R**, Murata M, Nagamitsu H, Klein G, Raina S, Yamada M. Dissection of σ^E -dependent cell lysis in *Escherichia coli*: roles of RpoE regulators RseA, RseB and periplasmic folding catalyst PpiD. **Genes Cells**. 2009; 14(7):885-99. **PMID: 19549168**
42. Kabir MS, Yamashita D, **Noor R**, Yamada M. Effect of σ^S on σ^E -directed cell lysis in *Escherichia coli* early stationary phase. **J Mol Microbiol Biotechnol**. 2004; 8(3):189-94. **PMID: 16088220**

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Major Papers in International Journals: 16

43. Acharjee M, Baishnaib R, **Noor R**. Microbiological safety of commonly available eye ointments and their *in vitro* anti-bacterial potency. **Bangladesh Journal of Microbiology** 2018; 35(2) (in press)
44. Das KK, Acharjee M, **Noor R**. *In vitro* Anti-Bacterial Activity of Oral Herbal Medicines Assessed by Agar Well Diffusion and Broth Micro-Dilution Methods. **Bangladesh Journal of Microbiology**. 2015; 32 (1, 2): 15-19.
45. Munna MS, Tanzim KR, Afrad MM, Humayun S, Rahman MS, Lubna MA, **Noor R**. Possible growth retrieval simulation on the heat stressed *Pseudomonas aeruginosa* (SUBP01) cells. **Bangladesh Journal of Microbiology** 2014; 31 (1-2): 59-64.
46. **Noor R**, Morsalin M, Chakraborty B. Reduction of CD4 count induces opportunistic infections in people living with HIV (PLHIV). **Bangladesh Journal of Medical Science**. 2014; 13(3): 285-291.
47. Das KK, Abedin A, **Noor R**. Anti-bacterial activity of natural plants on fish pathogens isolated from different ponds of Dhaka city. **Bangladesh Journal of Microbiology**. 2014; 31(1-2): 9-12.
48. **Noor R**, Huda N, Rahman F, Bashar T, Munshi SK. Microbial contamination in herbal medicines available in Bangladesh. **Bangladesh Medical Research Council Bulletin**. 2013; 39(3): 124-129.
49. Rahman A, Jahan F, Rahman F, **Noor R**. Biochemical and immunological parameters of Hepatitis B Virus positive patients in Bangladesh. **Journal of Bangladesh Academy of Sciences**. 2013; 37 (1): 51-56.

50. Shams F, Munshi SK, Rahman MM, **Noor R**. Prevalence and antibiogram profile of uropathogens isolated from hospital and community patients with urinary tract infections in Dhaka city. **Journal of Bangladesh Academy of Sciences**. 2013; 37(1): 57-63.
51. Dutta S, Hasan MR, Rahman F, Jilani MSA, **Noor R**. Study of antimicrobial susceptibility of clinically significant microorganisms isolated from selected areas of Dhaka, Bangladesh. **Bangladesh Journal of Medical Science**. 2013; 12 (1): 34-42.
52. Rahman F, **Noor R**. Prevalence of pathogenic bacteria in common salad vegetables of Dhaka Metropolis. **Bangladesh J. Bot.** 2012; 41(2): 159-162.
53. Munshi SK, Rahman MM, **Noor R**. Detection of virulence potential of diarrheagenic *Escherichia coli* isolated from surface water of rivers surrounding Dhaka City. **Journal of Bangladesh Academy of Sciences** 2012; 36 (1): 109-121.
54. Islam S, Rahman F, Munshi SK, Ahmed J, Kamal SMM, **Noor R**. Use of fluorescein diacetate (FDA) staining to detect viable *Mycobacterium tuberculosis*. **Bangladesh Journal of Medical Science**. 2012; 11 (4): 322-330.
55. Marjan S, Zaman K, Jahan F, Munshi SK, Rahman F, **Noor R**. A comparative study on *Escherichia coli* isolates from environmental and clinical samples. **Bangladesh Journal of Microbiology** 2012; 29 (2): 44-48.
56. Rahman MM, Rahman F, Afroze F, Yesmin F, Fatema KK, Das KK, **Noor R**. Prevalence of pathogenic bacteria in shrimp samples collected from hatchery, local markets and the shrimp processing plant for export quality frozen shrimps. **Bangladesh Journal of Microbiology** 2012; 29 (2): 7-10.
57. Jahan F, Elahi R, Mohiuddin MK, Khan MGM, Alam MS, **Noor R**. Evaluation of two new rapid diagnostic tests (RDTs) for the diagnosis of malaria. **Bangladesh Journal of Medical Microbiology**. 2011; 5 (2): 11-15. DOI: <http://dx.doi.org/10.3329/bjmm.v5i2.16910>
58. Hoq MM, **Noor R**, Nahar N, Khan MR, Khan ZUM. Maltase activity of indigenous *Streptomyces roseolus* isolated from soil sample. **Bangladesh J. Bot.** 2003; 32: 31-35.

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Conference papers, presentations and workshops: 25

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Major Conference Papers:

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1. Yamada M, **Noor R**, M Murata. σ^E -dependent programmed cell death in *Escherichia coli* early stationary phase. GENES & GENETIC SYSTEMS. 2007; 82(6): 507-507
 2. Kabir MS, **Noor R**, Tachino H, Yamada M. Effect of Mg^{2+} on σ^E -dependent programmed cell death in *Escherichia coli*. Seikagaku; 2006. A13518
 3. **Noor R**, Yamashita D, Kabir MS, Tachino H, Yamada M. Effect of *rseA*, *rseB*, or *rseC* disruption on σ^E -dependent phase-specific programmed cell death in *Escherichia coli*. Annual Meeting of the Molecular Biological Society of Japan. 2005; p. 511
 4. Yamada M, Yamashita D, Ito K, **Noor R**, Kabir MS. σ^E -directed cell lysis in *Escherichia coli* early stationary phase: a possible involvement of degradative enzymes of cellular components. Journal Code: G0184A. 2004; 76(8): 954
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Books

None

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Other Conferences and Workshops

“Workshop on Teaching Excellence under the supervision of Institutional Quality Assurance Cell (IQAC) Higher Education Quality Enhancement Project (HEQEP), University Grants Commission (UGC)”

Venue: Stamford University Bangladesh (October 2015)

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“Strengthening Leadership Capacity in Higher Education under the joint supervision of Higher Education Quality Enhancement Project (HEQEP), University Grants Commission (UGC), and the British Council, Dhaka”

Venue: (1) UGC and (2) Loughborough University, the United Kingdom (February 2012)

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“Improving the Teaching Excellence under the supervision of the Center of Excellence, Stamford University Bangladesh”

Venue: Stamford University Bangladesh (July 2010)

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“Strengthening the Research Capacity on Molecular Biology by the supervision of the Ministry of Education, Culture, Sports, Science and Technology (MEXT)”

Venue: Laboratory of Informational Biochemistry, Yamaguchi University, Japan (October 2003)

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“Operation Excellence and the Total Quality management in the Pharmaceutical Industries by the supervision of GlaxoSmithKline (GSK)”

Venue: Colombo, Sri Lanka (January 2003)

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