



## **Dr. Mohammad Shahriar**

### **Brief Intro**

Professor

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### **Academic qualification**

Degree : Doctor of Philosophy (PhD)

University: Jahangirnagar University

Degree : Master of Science in Biotechnology (MS in Biotech.)

University: BRAC University

Degree : Master of Science in Pharmaceutical technology (MS in Pharm Tech.)

University: University of Asia Pacific

Degree : Bachelor of Pharmacy (B. Pharm)

University: University of Asia Pacific

## Teaching Experience

Designation: Professor

Institute: University of Asia Pacific

Period: 7<sup>th</sup> July 2021 - Present

Designation: Associate Professor

Institute: University of Asia Pacific

Period: 4<sup>th</sup> October 2015 – 6<sup>th</sup> July 2021

Designation: Assistant Professor

Institute: University of Asia Pacific

Period: 14<sup>th</sup> October 2009 – 3<sup>rd</sup> October 2015

Designation: Lecturer

Institute: University of Asia Pacific

Period: 19<sup>th</sup> April 2006 – 13<sup>th</sup> October 2009

Designation: Teaching Assistant

Institute: University of Asia Pacific

Period: 18<sup>th</sup> April 2005 – 18<sup>th</sup> April 2006

## Course Conducted

Pharm 657: Research Methodology in Pharmaceutical Sciences

Pharm 229: Pharmaceutical Microbiology-II

Pharm 453: Pharmaceutical Biotechnology

Pharm 219: Pharmaceutical Microbiology-I

Pharm 121: Physiology-I

Pharm 221: Physiology-II

Pharm 371: Pathology

Pharm 241: Pharmaceutical Technology-I

Pharm 445: Cosmetology

Pharm 437: Regulatory Affairs

Pharm 105: Introduction to Pharmacy

Pharm 115: Physical Pharmacy-I

Pharm 261: Pharmacology-I

Pharm 217: Biochemistry and Cellular Biology  
Pharm 132: Pharmacognosy-I Lab  
Pharm 116: Physical Pharmacy-I Lab  
Pharm 220: Pharmaceutical Microbiology-I Lab  
Pharm 230: Pharmaceutical Microbiology-II Lab

### **Thesis Conducted**

Supervised undergraduate and MS project as well as MS thesis for many students related to the following research areas: Molecular Biology, Phytochemistry and Pharmacology, Pharmaceutical Microbiology, Pharmaceutical Technology, Pharmacogenomics and Pharmacogenetics, Public Health.

### **Professional Experience**

1. Head, Department of Pharmacy, UAP
2. Member Secretary, Research Ethics Committee, UAP
3. Assistant Proctor, Department of Pharmacy, UAP (April 2012-April 2021)
4. Chairman, Departmental Examination Committee
5. Member, Departmental Class Routine Committee
6. Member, Departmental Syllabus Committee
7. Member, Provident Fund Trustee Board (PFTB), UAP (2017-2019)
8. Member, Drug Prevention Committee, UAP
9. Member, Syndicate, UAP
10. Member, Academic Council, UAP
11. Member, Selection Board (Faculty recruitment, DOP), UAP
12. Member, Discipline Committee, UAP

### **Research Interest**

Molecular Biology, Phytochemistry and Pharmacology, Pharmaceutical Microbiology, Pharmaceutical Technology, Pharmacogenomics and Pharmacogenetics, Public Health.

## Publications

### Research Articles:

1. Kabir, S., **Shahriar, M.**, Kabir, H.A.N.M. & Uddin, G. (2006). High Salt SD Based Method for the Direct Extraction of Genomic DNA from Three Different Gram-Negative Organisms. *The CDR Journal*, 1(2),57-63.
2. **Shahriar, M.**, Hossain, M. & Kabir, S. (2010). In Vitro Antimicrobial Sensitivity of *Klebsiella pneumoniae* Isolated from Clinical Sources. *Southeast Journal of Science & Engineering*, 4(4), 27-30.
3. **Shahriar, M.**, Hossain, M. & Kabir, S. (2010). In Vitro Antimicrobial Sensitivity of *Escherichia coli* Isolated from Clinical Sources. *Journal Bangladesh Academy of Sciences*, 34(1), 99-101.
4. **Shahriar, M.** Kabir, S. (2010). A Survey of Antibiotic Resistant *Salmonella typhi* Strains from Clinical Sources in Dhaka. *Dhaka University Journal Biological Sciences*, 19(2), 207-209.
5. **Shahriar, M.**, Hossain, M. & Kabir, S. (2010). A Survey on Antimicrobial Sensitivity Pattern of Different Antibiotics on Clinical Isolates of *Escherichia coli* Collected from Dhaka City, Bangladesh. *Journal of Applied Science Environmental Management*, 14(3), 19-20.
6. **Shahriar, M.**, Halder, L.D., Nushrat, N., Hossain, M., Kabir, H.A.N.M. & Kabir, S. (2010). Comparison of Bactericidal Activity of Serum Collected from Typhoid Patients and Normal Human against *Salmonella typhi* at Various Incubation Time. *Dhaka University Journal of Pharmaceutical Sciences*, 9(1), 65-67.
7. **Shahriar, M.** (2010). Antimicrobial Activity of the Rhizomes of *Curcuma zedoaria*. *Journal of Bangladesh Academy of Sciences*, 34(2), 201-203.
8. **Shahriar, M.**, Khanam, I.A., Katha, K.K., Sadek, Y.B. & Kabir, S. (2010). Analgesic Activity of *Anamirta cocculus* Linn. *Southeast Journal of Science Engineering*, 5(5), 91-93.

9. **Shahriar, M.**, Madak, M., Haque, A., Kabir, S. & Saha, M.R. (2010). A Survey of Antimicrobial Sensitivity Pattern of *Streptococcus pneumoniae* Strains Collected from Clinical Sources in Dhaka, Bangladesh. *Stamford Journal of Pharmaceutical Sciences*, 3(1), 59-62.
10. Saha, M.R., Sarwar, S., Shill, M.C. & **Shahriar, M.** (2010). Patients' Knowledge and Awareness towards use of Antibiotics in Bangladesh: A Cross-sectional Study Conducted in Three Tertiary Healthcare Centers in Bangladesh. *Stamford Journal of Pharmaceutical Sciences*, 3(1), 54-58.
11. **Shahriar, M.**, Akther, F., Pathan, M. & Kawsar, H.M. (2010). Investigation on Antimicrobial Resistant *Staphylococcus aureus* Isolates Collected from Clinical Sources in Dhaka, Bangladesh. *Journal of Dhaka International University*, 2(1), 160-163.
12. **Shahriar, M.** & Akter, S. (2011). A Survey on Antimicrobial Sensitivity Pattern of Different Antibiotics on Clinical Isolates of *Pseudomonas aeruginosa* Collected from Dhaka City, Bangladesh. *Journal of Scientific Research*, 3(1), 187-189.
13. **Shahriar, M.** & Kabir, S. (2011). Analgesic Activity of *Adiantum flabellulatum*. *Dhaka University Journal of Biological Sciences*, 20(1), 91-93
14. **Shahriar, M.** & Khair, N.Z. (2011). Correlation of Plasmid with Drug Resistance of Clinical Isolates of *Escherichia Coli*. *Journal of Bacteriology Research*, 3(1), 1-5.
15. Haque, E.M., **Shahriar, M.**, Haq, A., Gomes, C.B., Hossain, M., Razzak, A.M. & Mazid, A.M. (2011). Prevalence of  $\beta$ -lactamase-producing and nonproducing methicillin resistant *Staphylococcus aureus* in clinical samples in Bangladesh. *Journal of Microbiology and Antimicrobials*, 3(5), 112-118.
16. Haque, A.M., **Shahriar, M.**, Parvin, N.M. & Islam, A.S.M.

(2011). Validated RP-HPLC Method for Estimation of Ranitidine Hydrochloride, Domperidone and Naproxen in Solid Dosage Form. *Asian Journal of Pharmaceutical Analysis*, 1(3), 59-63.

17. **Shahriar, M.**, Haque, R.M., Kabir, S., Dewan, I. & Bhuyian, A.M. (2011). Effect of Proteinase-k on Genomic DNA Extraction from Gram-positive Strains. *Stamford Journal of Pharmaceutical Sciences*, 4(1), 53-57.
18. Das, R.G., Haque, A.M., **Shahriar, M.** & Islam, A.S.M. (2011). A Simple RP-HPLC Method for the Simultaneous Estimation of Ranitidine Hydrochloride and Domperidone in Combine Dosage Form. *Pharma Science Monitor*, (Online published) 1894-1906.
19. Dewan, I., **Shahriar, M.** & Islam, A.S.M. (2011). Study of Differential Scanning Calorimetry (DSC) of Atorvastatin in Solid Solution. *Bangladesh Pharmaceutical Journal*, 14(2), 141-146.
20. Dewan, I., Islam, A.S.M. & **Shahriar, M.** (2011). Dissolution Study of Spironolactone by Using Solid Dispersion Technique. *Stamford Journal of Pharmaceutical Sciences*, 4(2), 42-47.
21. Islam, A.S.M., Islam, S., **Shahriar, M.** & Dewan, I. (2011). Comparative in vitro Dissolution Study of Aceclofenac Markated Tablets in Two Different Dissolution Media by Validated Analytical Method. *Journal of Applied Pharmaceutical Science*, 1(9), 87-92.
22. **Shahriar, M.**, Islam, B.R., Mahmood, S.A., Mamun, A.S.M., Nahar, S.S., Sadiana, T. & Shahid, S. (2011). Causes and trends of common cancers: Hospital based case control study conducted in Dhaka city, Bangladesh. *Stamford Journal of Pharmaceutical Sciences*, 4(2), 35-41.
23. Haque, A.M., Islam, A.S.M. & **Shahriar, M.** (2011). Antimicrobial, Cytotoxicity and Antioxidant Activity of *Tinospora crispa*. *Journal of Pharmaceutical and Biomedical Sciences*, 12(12), 1-4.

24. Rahman, M.M., Alam, M.M., Daula, S.U.A.F.M., **Shahriar, M.**, Moghal, R.M.M. & Siddiqui, R. (2011). The Antimicrobial activity and Brine Shrimp Lethality Bioassay of Leaf extracts of *Stephania japonica* (Akanadi). *Bangladesh Journal of Microbiology*, 28 (2), 52-56.
25. Islam, A.S.M., Dewan, I., **Shahriar, M.** & Sayeed, B.S.M. (2012). Validation and Application of a Simple HPLC Method for the Comparative *In Vitro* Dissolution Study of Some Multisource Ciprofloxacin Tablets. *IJPI's Journal of Analytical Chemistry*, 2(8), 1-12.
26. Dewan, I., Gaji, M., **Shahriar, M.** & Islam, A.S.M. (2012). *In vitro* study of self emulsifying drug delivery system of poorly water soluble drug spironolactone. *International Journal of Pharmaceutical Sciences and Research*, 3(3), 890-895.
27. **Shahriar, M.**, Mawla, S., Islam, A.S.M. & Bhuiyan, A.M. (2012). Effect of Sodium Dodecyl Sulfate and Acridine Orange on Isolation of Plasmid and Antimicrobial Resistance Pattern of Clinical Isolates of *Klebsiella sp.* *Journal of Scientific Research*, 4(2), 499-505.
28. **Shahriar, M.** & Shahid, S. (2012). A Survey on Antimicrobial Susceptibility of *Streptococcus pneumonia* from Different Diagnostic Centers in Dhaka City, Bangladesh. *Journal of Dhaka International University*, 4(1), 87-92.
29. **Shahriar, M.**, Mawla, S., Bhuiyan, A.M. & Hossain, M. (2012). Study of the Effect of Sodium Dodecyl Sulfate and Acridine Orange on the Isolation of Plasmid and Antimicrobial Resistance Pattern of Clinical Isolates of *Klebsiella sp.* *DIUJS&T*, 7(1), 38-43.
30. **Shahriar, M.**, Hossain, I.M., Bahar, M.N.A., Akhter, S., Haque, A.M. & Bhuiyan, A.M. (2012). Preliminary Phytochemical Screening, *In-Vitro* Antioxidant and Cytotoxic Activity of Five Different Extracts of *Moringa Oleifera* Leaf. *Journal of Applied Pharmaceutical Science*, 2(5), 65-68.

31. Islam, A.S.M., Dey, R.L., Sayeed, B.S.M., **Shahriar, M.** & Dewan, I. (2012). Comparative quality assessment of acetaminophen immediate and extended release tablets by validated analytical methods. *International Journal of Pharmaceutical Research and Bio Science*, 1(3), 220-237.
32. **Shahriar, M.**, Bahar, M.N.A., Hossain, I.M., Akhter, S., Haque, A.M. & Bhuiyan, A.M. (2012). Preliminary Phytochemical Screening, *In-Vitro* Antioxidant and Cytotoxic Activity of Five Different Extracts of *Withania somnifera* root. *International Journal of Pharmacy*, 2(3), 450-453.
33. Paul, K.P., Dey, R.L., **Shahriar, M.**, Dewan, I. & Islam, A.S.M. (2012). Comparative *In vitro* dissolution study of spironolactone from binary and tertiary solid dispersion: model dependent and independent approaches. *Journal of Drug Delivery & Therapeutics*, 2(4), 73-80.
34. Hossain, I.M., Sharmin, A.F., Akhter, S., Bhuiyan, A.M. & **Shahriar, M.** (2012). Investigation of cytotoxicity and *In-vitro* antioxidant activity of *Asparagus racemosus* root extract. *International Current Pharmaceutical Journal*, 1(9), 250-257.
35. **Shahriar, M.**, Shahid, S., Katha, K.K., Nasreen, W. & Bhuiyan, A.M. (2012). Vancomycin Sensitivity of *Staphylococcus aureus* Isolates From Clinical Patients in Dhaka City, Bangladesh. *Bangladesh Pharmaceutical Journal*, 15(2), 159-163.
36. **Shahriar, M.**, Akhter, S., Hossain, I.M., Haque, A.M. & Bhuiyan, A.M. (2012). Evaluation of *in-vitro* antioxidant activity of bark extracts of *Terminalia arjuna*. *Journal of Medicinal Plants Research*, 6(39), 5286-5298.
37. Akhter, S., Hossain, I.M., Haque, A.M., **Shahriar, M.** & Bhuiyan, A.M. (2012). Phytochemical screening, antibacterial, antioxidant and cytotoxic activity of the bark extract of *Terminalia arjuna*. *European Journal of Scientific Research*, 86(4), 543-552.



38. **Shahriar, M.**, Sharmin, A.F., Islam, A.S.M., Dewan, I. & Kabir, S. (2012). Membrane Stabilizing and Anti-thrombolytic Activities of Four Medicinal Plants of Bangladesh. *The Experiment*, 4(4), 265-270.
39. Aich, K.R., Bhuiyan, A.M. & **Shahriar, M.** (2012). Investigation of analgesic and neuropharmacological activities of *Asparagus racemosus* root extracts. *Indian Journal of Scientific Research*, 3(2), 1-7.
40. Hossain, I.M., Akter, S., Haque, A.M., Bhuiyan, A.M. & **Shahriar, M.** (2012). In vitro antioxidant and free radical scavenging activity of *moringa oleifera* leaves. *Stamford Journal of Pharmaceutical Sciences*, 5(1&2), 41-52.
41. Biswas, S., Ahsan, R.C., **Shahriar, M.** & Khanam, A.J. (2012). Investigation of antioxidant, in-vitro cytotoxic and in-vivo antitumor effects of leaf extracts of *Annona reticulate*. *Bangladesh Journal of Microbiology*, 29(2), 70-74.
42. Parvin, D., Uddin, M.M.N., Islam, M.S., Parvin, S. & **Shahriar, M.** (2013). Phytochemical screenings, thrombolytic activity and antimicrobial properties of the leaf extracts of *Lablab purpureus*. *American Journal of Research Communication*, 1(2), 49-55.
43. Uddin, M.M.N., Mahmuduzzaman, M., Islam, M.S., Parvin, S. & **Shahriar, M.** (2013). Phytochemical screenings and thrombolytic activity of the leaf extracts of *Adhatoda vasica*. *The Experiment Journal*, 7(4), 438-441.
44. Kamruzzaman, M., Sazidur, R., Islam, M.S., Parvin, S., Nahar, K., Uddin, M.M.N., Ganguly, A. & **Shahriar, M.** (2013). Phytochemical screenings and antithrombolytic activities of two common medicinal plants of Bangladesh. *International Journal of Drug Discovery and Technology*, 4(1), 1-4.

45. **Shahriar, M.**, Hossain, M.I., Sharmin, F. A., Akhter, S., Haque, M.A. & Bhuiyan, M.A. (2013). In vitro antioxidant and free radical scavenging activity of *withania somnifera* root. *Iosr Journal of Pharmacy*, 3(2), 38-47.
46. Bhuiyan, M.A., **Shahriar, M.** & Nagatomo, T. (2013). Binding affinity of candesartan, losartan, telmisartan and valsartan with angiotensin II receptor 1 subtype. *Bangladesh Pharmaceutical Journal*, 16(1), 11-14.
47. Islam, S., Dey, L.R., **Shahriar, M.**, Dewan, I., Islam, S.M.A. (2013). Enhancement of Dissolution Rate of Gliclazide Using Solid Dispersions I: Characterization and Dissolution Rate Comparison. *Bangladesh Pharmaceutical Journal*, 16(1), 45-52.
48. **Shahriar, M.**, Islam, M.S., Parvin, S. & Hoque, S. (2013). Thrombolytic activity and antimicrobial properties of *Ficus hispida*. *Journal of Scientific Research*, 5(2), 393-397.
49. Siddique, K.I., Uddin, M.M.N., Islam, M.S., Parvin, S. & **Shahriar, M.** (2013). Phytochemical screenings, thrombolytic activity and antimicrobial properties of the bark extracts of *Averrhoa bilimbi*. *Journal of Applied Pharmaceutical Science*, 3(3), 94-96.
50. **Shahriar, M.**, Islam, S., Aich, R.K., Haque, M.A., Sayeed, M.S.B. & Kadir, M.F. (2013). Evaluation of the analgesic and neuropharmacological activities of the bark of *Terminalia arjuna* in mice. *International Journal of Recent Scientific Research*, 4(3), 285-289.
51. Sadek, Y.B., **Shahriar, M.**, Nasreen, W., Hossain, M. & Bhuiyan, M.A. (2013). Effect of SDS on plasmid isolation and antimicrobial resistance pattern of clinical isolates of *Staphylococcus aureus*. *European journal of Scientific Research*, 102(1), 30-35.
52. Sadek, Y.B., Choudhury, N. & **Shahriar, M.** (2013). Biological investigations of the leaf extracts of *Carissa carandas*. *International*

*Journal of Pharmaceutical Research and Technology*, 5(2), 97-105.

53. **Shahriar, M.**, Ahsan, C.R., Choudhury, N & Kabir, S. (2013). Antigenic Cross Reaction between the Pneumococcal Polysaccharide Vaccine and the Streptococcus Pneumonia 7F, One of the Prevalent Serotypes in Bangladesh. *International Journal of Biomedical Signal Processing*, 4(1), 13-20.
54. Mahmud, S., Kadir, M.F. & **Shahriar, M.** (2013). Preliminary *In Vitro* Biological and Phytochemical Screenings of Bark Extracts of *Carissa carandas*. *International Journal of Drug Discovery and Technology*, 4(2), 80-87.
55. Mahmood, A., Islam, M.S., Parvin, S., Uddin, M.N.N. & **Shahriar, M.** (2013). Phytochemical screenings and anti-thrombolytic activity of *Citrus assamenses*. *International Journal of Drug Targets*, 4(2), 98-100.
56. Rahman, A., Bhuiyan, M.A. **Shahriar, M.** (2013). Preliminary *In Vitro* Biological, Phytochemical Screenings and *In Vitro* Antioxidant Activities of *Blumea lacera* (Burm.f.) DC. *International Archive of Applied Sciences and Technology*, 4(2), 1-7.
57. Rabbee, M.C., **Shahriar, M.**, Bhuyian, M.A., Rishikesh & Islam, S.M.A. (2013). Evaluation of Bactericidal Action of Serum Collected from Paratyphoid Patients and Normal Human against *Salmonella* Paratyphi. *Dhaka University Journal of Pharmaceutical Sciences*, 12(1), 71-75.
58. **Shahriar, M.**, Islam, M.S., Islam, S.M.A., Parvin, S. & Afrin, N. (2013). Thrombolytic, Antimicrobial Activity and Phytochemical Screenings of *Coriandrum sativum*. *Journal of Bangladesh Academy of Sciences*, 37(2), 245-247.
59. Sharif, S., **Shahriar, M.**, Haque, M.A., Chowdhury, Z.S., Islam, M.R. & Bhuiyan, M.A. (2013). In-vitro antioxidant activities, anti-nociceptive and neuropharmacological activities of *Polygonum hydropiper*. *Journal of*

*Biology, Agriculture and Healthcare*, 3(19), 61-71.

60. Akther, R., Haque, M.A., Bhuiyan, M.A. & **Shahriar, M.** (2013). In-vivo pharmacological investigation of leaf extract of *Polygonum hydropiper* (L.). *Dhaka University Journal of Pharmaceutical Sciences*, 12(2), 165-169.
61. Kanak, F., Islam, M.S., **Shahriar, M.**, Amdadul, H.M., Mostafa, A. & Kadir, M.F. (2013). *In vitro* Binding Chemistry of Erythromycin Stearate and atenolol to Bovine Serum Albumin. *Biosciences International*, 2(4), 41-48.
62. Sharif, S., Ahmed, T., Haque, A.M., Bhuiyan, A.M. & **Shahriar, M.** (2014). Phytochemical screenings, thrombolytic activity, membrane stabilizing activity and cytotoxic properties of *Polygonum hydropiper*. *Research Journal of Medicinal Plant*, 8(2), 92-98.
63. Chowdhury, F.S., Jahan, S., Bhuiyan, A.M. & **Shahriar, M.** (2014). Identification of plasmid DNA responsible in clinical isolates of *E. coli* against specific antibiotics. *International Journal of Pharmacology and Technology*, 6 (1), 61-68.
64. Aziz, U., Akther, R., **Shahriar, M.** & Bhuiyan, A.M. (2014). *In vivo* pharmacological investigation of *Mimosa pudica* L. *International Journal of Pharmacy and Pharmaceutical Sciences*, 6(2), 66-69.
65. Ahmed, T., Akter, R., Sharif, S., **Shahriar, M.** & Bhuiyan, A.M. (2014). *In vitro* antioxidant activities and *In vivo* anti-nociceptive and neuropharmacological activities of *Mimosa pudica*. *International Journal of Pharmacy*, 4(2), 70-78.
66. **Shahriar, M.**, Ahmed, T., Sharif, S., Akter, R., Haque, A.M. & Bhuiyan, A.M. (2014). Phytochemical screenings, membrane stabilizing activity,

thrombolytic activity and cytotoxic properties of leaf extracts of *Mimosa pudica*. *International Journal of Pharmacy*, 4(2), 155-158.

67. **Shahriar, M.**, Alam, F. & Uddin, N.M.M. (2014). Analgesic and Neuropharmacological Activity of *Withania somnifera* Root. *International Journal of Pharmacy*, 4(2), 203-208.
68. Uddin, N.M.M., Amin, R.M., Basak, A. & **Shahriar, M.** (2014). Analgesic and Neuropharmacological Investigations on *Sesbania grandiflora*. *International Journal of Pharmacy*, 4(2), 179-182.
69. **Shahriar, M.**, Alam, F. & Uddin, N.M.M. (2014). Membrane stabilizing and thrombolytic activity of *Withania somnifera* root. *American Journal of Phytomedicine and Clinical Therapeutics*, 2(2), 252-256.
70. Uddin, N.M.M., Basak, A., Amin, R.M. & **Shahriar, M.** (2014). Pharmacological Investigations on Flowers of *Ixora coccinea*. *International Journal of Pharmacognosy and Phytochemistry*, 29(1), 1208-1213.
71. Kanak, F., Islam, S.M., **Shahriar, M.**, Haque, U.I.M. & Kadir. F.M. (2014). In vitro binding chemistry of erythromycin stearate and omeprazole to bovine serum albumin. *Pharmacologia*, 5(3), 91-97.
72. Alam, F., **Shahriar, M.** & Bhuiyan, A.M. (2014). In-vivo pharmacological investigation of bark extracts of *carissa carandas*. *International Journal of Pharmacy and Pharmaceutical Sciences*, 6(6), 180-185.
73. Rahman, S.M., Chaurasiya, K.A., Rahee, A.S., Hasan, I., **Shahriar, M.**, Bhuiyan, A.M. & Reza, S.M. (2014). Preparation, Characterization and *In Vitro - In Vivo* Evaluation of Gliclazide Loaded Polymeric Microspheres. *International Journal of Pharmacy*, 4(4), 189-198.
74. Soma, J.L., **Shahriar, M.**, Narjish, N.S. & Bhuiyan, A.M. (2014). Antimicrobial Resistance Pattern of Bacteria Isolated from ICU Patients

with Respiratory Tract Infections. *Dhaka University Journal of Pharmaceutical Sciences*, 13(2), 193-197.

75. Basak, A., Uddin, N.M.M., Sarwar, S.M., Mohiuddin, M., Dewan, R.M.S., **Shahriar, M.** & Islam, S. M. (2014). Exploration of analgesic activity of the ethanolic extract of *Erythrina variegata* bark. *Journal of the Analgesics*, 2(2), 37-42.
76. **Shahriar, M.**, Tithi, A.N., Akhter, R., Kamal, S., Narjish, N.S. & Bhuiyan, A.M. (2015). Phytochemical and pharmacological investigation of the crude extract of *typhonium trilobatum* (L.) Schott. *World Journal of Pharmaceutical Research*, 4(2), 167-188.
77. **Shahriar, M.**, Islam, R.M., Hassan, R.M. & Uddin, N.M.M. (2015). Biological investigations of the leaf extract of *spondias pinnata*. *World journal of pharmaceutical research*, 4(3), 252-256.
78. Fancy, A.F., **Shahriar, M.**, Islam, R.M. & Bhuiyan, A.M. (2015). *In-vivo* anti-pyretic, anti-nociceptive, neuropharmacological activities and acute toxicity investigations of *Blumea lacera*. *International Journal of Pharmacy and Pharmaceutical Sciences*, 7(1), 472-477.
79. Jahan, S., Chowdhury, F.S., Mitu, A.S., **Shahriar, M.** & Bhuiyan, A.M. (2015). Genomic DNA extraction methods: A comparative case study with gram-negative organisms. *Banat's Journal of Biotechnology*, 11(VI), 61-68.
80. Ali, M., Akhter, R., Narjish, N.S., **Shahriar, M.** & Bhuiyan, A.M. (2015). Studies of Preliminary Phytochemical Screening, Membrane Stabilizing activity, Thrombolytic Activity and *In-Vitro* Antioxidant Activity of Leaf Extract of *Citrus hystrix*. *International Journal of Pharmaceutical Sciences and Research*, 6(6), 2367-2374.
81. Kamal, S., Akhter, R., Tithi, A.N., Wadud, A.M., Narjish, N.S., **Shahriar, M.** & Bhuiyan, M.A. (2015). Biological Investigations of the Leaf Extract of

*Spondias pinnata*. *International Journal of Pharmaceutical Sciences and Research*, 6(8), 3351-3358.

82. Mannan, M.M., Akhter, R., **Shahriar, M.** Bhuiyan, A.M. (2015). Evaluation of *In vitro* membrane stabilizing activity and thrombolytic activity of *Averrhoa bilimbi* leaf extracts. *International Journal of Pharmacy*, 5(2), 357-360.
83. Wadud, A.M., Akhter, R., Chowdhury, F.S., Narjish, N.S., Mannan, M.M., Uddin, N.M.M., **Shahriar, M.** & Bhuiyan, A.M. (2015). *In vivo* Pharmacological Investigations of Leaf Extracts of *Paederia foetida* (L.). *International Journal of Pharmaceutical Sciences Review and Research*, 31(2), 166-172.
84. **Shahriar, M.**, Ahsan, T.M., Hossain, M.S., Chowdhury, F.S., Mannan, M.M., Akhter, R., Mahmud, S., Hasan, S. & Narjish, N.S. (2015). In vitro membrane stabilizing activity of leaf extraxcts of *Paederia foetida* (L.). *World Journal of Pharmaceutical Research*, 4(4), 204-209.
85. **Shahriar, M.**, Khair, Z.N., Akhter, R. & Chowdhury, F.S.. (2015). In vitro membrane stabilizing activity of *Erythrina variegata* bark. *Journal of Chemical and Pharmaceutical Research*, 7(4), 960-962.
86. **Shahriar, M.**, Khair, Z.N., Gazi, M. & Akhter, R. (2015). In Vitro Thrombolytic Activity of *Erythrina variegata* Bark. *World Journal of Pharmaceutical Research*, 4(5), 512-515.
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#### **Conference Papers/ Workshops/ Seminars:**

1. **Shahriar, M.** (2021). Virtual workshop on Accreditation Standards & Criteria. Organized by: Bangladesh National Qualifications Framework (BNQF) and Bangladesh Accreditation Council (BAC). May 19-20, 2021. **(Participant)**
2. Karmokar, P. F., Asaduzzaman, M., Islam, M. S., **Shahriar, M.**, Shabnaz, S. (2018). The influence of SMAD1 gene polymorphisms on

colorectal cancer susceptibility in Bangladeshi population: A case-control study. FEBS Open Bio, 8: P.10-141-Wed. doi:10.1002/2211-5463.12453. 43rd FEBS Congress, Prague, Czech Republic from 7th to 12th July 2018. **(Poster)**

3. **Shahriar, M.** (2018). 21<sup>st</sup> International Convention on Students' Quality Control Circles (ICSQCC). Organized by: Bangladesh Society for Total Quality Management (BSTQM) and In Association with Daffodil International University (DIU), Dhaka, Bangladesh. May 03-06, 2018 at Daffodil International University (DIU), Ashulia Campus, Dhaka, Bangladesh.
4. **Shahriar, M.** (2018). 18<sup>th</sup> International Congress of International Society for Ethnopharmacology & the 5<sup>th</sup> International Congress of the Society for Ethnopharmacology, India (ISE-SFEC 2018) highlight on "Ethnopharmacology & Drug Development: Innovation meets Tradition". Organized by: Department of Pharmacy, Faculty of Pharmacy, University of Dhaka, Bangladesh, In Association with Society for Ethnopharmacology, India. January 13-15, 2018 at Nabab Nawab Ali Chowdhury Senate Bhaban, University of Dhaka. Dhaka, Bangladesh. **(Poster)**
5. **Shahriar, M.** (2017). 4<sup>th</sup> Convention of the Society for Ethnopharmacology; National Symposium on "Ashwagandha" and Ethnopharmacology Conclave on "Uses of Medicinal Plants by Traditional Healers of India - Local Health Tradition". Organized by: Jadavpur University, September 09-10, 2017, Jadavpur University, Kolkata. **(Poster)**

6. **Shahriar, M.** (2017). ISE SFEC National Conference 2017 on “Drug Discovery and Development from Natural Sources”. Organized by: Department of Pharmacy, Faculty of Pharmacy, May 21, 2017, University of Dhaka, Bangladesh. **(Poster)**
  
7. **Shahriar, M.** (2016). 9<sup>th</sup> National Annual Quality Convention on Education (NAQCE), Jointly Organized by: University of Asia Pacific and Bangladesh Society for Total Quality Management (BSTQM), October 15, 2016, UAP Plaza, Green Road, Dhaka. **(Case Study presentation)**
  
8. **Shahriar, M.** (2016). Focus Group Discussion Meeting on B. Pharm. and Pharm. D Syllabi and Seminar on Discovering More Opportunities than We See for Our Pharmacists in Bangladesh. Organized by: Department of Pharmacy, July 28, 2016, Nabab Nawab Ali Chowdhury Senate Bhaban, University of Dhaka. Dhaka, Bangladesh.
  
9. **Shahriar, M.** (2015). 1<sup>st</sup> International Conference on Drug Discovery & Development Research In Developing Countries. Organized by: Bangladesh University of Health Sciences (BUHS), October 03-06, 2015, Dhaka, Bangladesh. **(Deligate)**
  
10. **Shahriar, M.** (2012).UAP Research and Development Exposition 2012. Organized by: Institute of Energy, Environment, Research and Development (IEERD), July 19-21, 2012, University of Asia Pacific, Dhaka, Bangladesh. **(Research presentation)**



11. **Shahriar, M.** (2010).15<sup>th</sup> National Annual Quality Convention & 4<sup>th</sup> National Annual Quality Convention on Education. Organized by: Bangladesh Society for Total Quality Management (BSTQM), December 10-11, 2010, Dhaka, Bangladesh. **(Deligate)**
12. **Shahriar, M.** (2009).Young Scientists Congress 2009 (YSC-2009). Jointly Organized by: Bangladesh Academy of Science (BAS), Inter Academy Panel on International Issues (IAP) and The Academy of Science of the Developing World (TWAS), December 29-30, 2009, National Museum of Science & Technology Auditorium, Dhaka, Bangladesh. **(Participant)**
13. **Shahriar, M.** (2008). 24<sup>th</sup> Annual Conference 2008. Microbes in the food and Environment. Organized by: Bangladesh Society of Microbiologists (BSM), June 28, 2008, IFST Auditorium, BCSIR, Dhaka, Bangladesh. **(Oral presentation)**
14. **Shahriar, M.** (2008). Plant Tissue Culture & Biotechnology Conference 2008. Opportunities and Challenges of Agricultural Biotechnology in Developing Countries. Organized by: Bangladesh Association for Plant Tissue Culture & Biotechnology (BAPTC &B), April 11-13, 2008, Dhaka, Bangladesh. **(Participant)**
15. **Shahriar, M.** (2007). Conference on Promotional of Biotechnology in Bangladesh: National and International Perspectives. Jointly Organized by: BRAC University, ICDDR,B and Department of Biochemistry and Molecular Biology, University of Dhaka, April 6-8, 2007, Dhaka, Bangladesh. **(Participant)**
16. **Shahriar, M.** (2007). 10<sup>th</sup> International Convention on Student's Quality Control Circles. Organized by: City Montessori School & Degree College, November 28 - December 1, 2007, Lucknow, India. **(Case Study Presentation)**

17. **Shahriar, M.** (2006). Facilitator Skills Training program on Total Quality Management (TQM) in Education. Jointly Organized by: University of Asia Pacific (UAP) and Bangladesh Society for Total Quality Management (BSTQM), April 28-30, 2006, Dhaka, Bangladesh. **(Trainee)**
18. **Shahriar, M.** (2005). The First National Series Lecture on Modern Instrument Techniques in water, Environmental, Pharmaceutical & Biomolecular Analytical Applications: FTIR, HPLC, TOC, AAs & NMR. Jointly Organized by: University of Asia Pacific and Water Lab Ltd. and Protipaalock Society for Culture & Science (PSCS), November 19 - December 12, 2005, Dhaka, Bangladesh. **(Trainee)**

#### **Awards, Honors:**

- BAS-Gold Medal Award-2015 in Physical Sciences (Junior Group)
- Research Fellowship of Ministry of National Science and Technology (NST), Govt. of Bangladesh
- Received scholarship award based on the result of B. Pharm (Hons)

#### **Positions Hold in National/International Professional Bodies:**

1. A-grade Registered Pharmacist, Bangladesh
2. Registered Model Pharmacist, Bangladesh
3. Life Member, Bangladesh Pharmaceutical Society
4. Life Member, Bangladesh Association for the Advancement of Science
5. Member, Bangladesh Association of Plant Tissue Culture & Biotechnology
6. Member, Bangladesh Society of Total Quality Management
7. Life Member, Bangladesh Poribesh Andolon
8. Life Member, Bangladesh Cancer Foundation
9. Life Member, Red Crescent Society, Bangladesh