

## Research Facilities (Give it as link)

### a. List of published research papers of faculty members in Department of Pharmacy

1. Most. Chand Sultana Khatun, Ashraful Islam, M. Ashraf Ali, Feroze Hassan, Khadiza Begum, M. Moshir Rahman and **Kohinur Begum**. Antibacterial, Antidiabetic and Lipid Lowering Effects of Ethanolic Extract of Ipomoea aquatic. Bangladesh J Microbiol. 2012.29(2):50-54.
2. Most. Chand Sultana Khatun, M. Ripon Mia, M. Ashraf Ali, M. Moshir Rahman, Khadiza Begum and **Kohinur Begum**. Antidiabetic and Analgesic Effects of Glycosmis Pentaphylla (Retz.) in Swiss Albino Mice. Ibrahim Medical College Journal. 2012.6(1):21-26.
3. **Kohinur Begum**, Sanjida Haque, Tarikul Islam, Jeb-Un Nessa, Zakir Hossain Sarker and Khadiza Begum. Factors Related to Acute Asthma Attack and Treatment. International Journal of Pharmaceutical Science and Research 2012.3(8):2603-2606.
4. Ashraf Ali, H. Ahmid, M. C. S. Khatun, A.K. Azad, **K. Begum** and MI I Wahid. Anti hyperglycemic and analgesic activities of ethanolic extract of Cassia fistula (L) stem bark. International Journal of Pharmaceutical Science and Research.2012.3 (2):416-423.
5. **K. Begum**, K. begum, ZH Sarker, MRK Dewan and MJH Siddique. Lipid profile status of chronic obstructive pulmonary disease in hospitalized patients. Bangladesh Journal of Medical Biochemistry. 2010. 2:42-45.
6. **Kohinur Begum**, Tanvir Ahmed Reza, et al. Isolation, identification and antibiotic resistance pattern of Salmonella Spp. from chicken eggs, intestines and environmental samples. Bangladesh Pharm. J. 2010. 13(1):23-27.
7. Ishrat Jahan Azmi, Ahmed Khandaker Ahtesham, **Kohinur Begum**, Ijaz Ahmed, M. Khalid Ijaz, David A. Sack, Alejandro Cravioto, Alam Nur-E-Kamal and Talukder KA. characterization of a novel group of Shigella flexneri 1c strains exhibiting cytotoxic activity against mammalian cells.International Journal of infectious Diseases 2008;12.589.
8. Md. Masum Mia, Mohammad S. Rahman, **Kohinur Begum**, Bilkis Begum and Mohammad A. Rashid. Phytochemical and biological studies of Averrhoa carambola. Dhaka Univ.J.Pharm.Sci.2007. 6(2):125-128.

9. **Kohinur Begum**, Chowdhury R. Ahsan, Mohammad Ansaruzzaman, Dilip K. Dutta, Qazi S. Ahmad and Kaisar A. Talukder. Toxin(s) other than cholera toxin, produced by environmental non O1 non O139 *Vibrio cholerae*. *Cellular & Molecular Immunology* 2006. 3(2): 115-121.
10. **Kohinur Begum**, Mohiuddin A. Quadir and Rudmila Farha. Study of Moisture Absorption Rate and Morphological Changes of Ranitidine Tablets. *Bangladesh Pharm. J.* 2003. 12(4), 23-26.
11. **Kohinur Begum**, Chowdhury R. Ahsan, Qazi Shafi Ahmad and Kaisar A. Talukder. Cytotoxin Activity of *Vibrio cholera* non O1 non O139 isolated from surface water in Bangladesh. *Bangladesh Pharm. J.* 2002. 12(2), 23-25.
12. **Kohinur Begum**, Chowdhury R. Ahsan and Kaisar A. Talukder. Plasmid profile and antibiotic resistance pattern of *Vibrio cholera* non O1 non O139 isolated from Environment in Bangladesh. *Bangladesh Pharm. J.* 2002. 12(1), 25-30.
13. **Kohinur Begum**, M. Rezaul Karim, Anowara Begum And Chowdhury R. Ahsan. Isolation of Non O1 Non O139 *Vibrio Cholerae* From Environmental Sources In Dhaka City. *Bangladesh J. Microbiol.* 2000.17(1):101-103.
14. S.F. Bloomfield, M. Arthur, **K. Begum** and H. Patel. Comparative testing of disinfectants using proposed European surface test methods. *Letters In Applied Microbiology.* 1993. 17:119-125.
15. S.F. Bloomfield, M. Arthur, B. Looney, **K. Begum** and H. Patel. Comparative Testing Of Disinfectant And Antiseptic Products Using Proposed European Suspension Testing Methods. *Letters In Applied Microbiology.* 1991. 13: 233-237
16. Chowdhury M. Hasan, SK. Nazrul Islam, **Kohinur Begum**, Muhammad Ilias, and Anwar Hussain. Antibacterial Activity of the leaves and Stem Barks of *Cassia alata* L. *Bangladesh J. Bot.* 1988. 17(2):135-139.
17. **Md. Mazharul Islam Chowdhury**, Md. Ashik Ullah, Naushin Iqbal, Abdullah Al Maruf, Md. Hasanuzzaman Shohag, Saima Harun, Khondker Ayesha Akter, Bilkis Begum, A. H. M. Mahbub Latif and Abul Hasnat, 2011. Relative Bioavailability and Pharmacokinetic Study of Two Trimetazidine Modified Release Formulations in Healthy Bangladeshi Male Volunteers. *Arzneimittel-Forschung [Drug Research] Vol 61(7):* pp.393-8 (Germany).

18. **Md. Mazharul Islam Chowdhury**, Md. Ashik Ullah, Abdullah Al Maruf, Mohammad Safiqul Islam, Maizbha Uddin Ahmed, Md. Hasanuzzaman Shohag, M.A.K. Azad, , and Abul Hasnat, 2011. Validation and Optimization of a Simple RP-HPLC Method for Determination of Trimetazidine in Human Serum and Its Application in a Pharmacokinetic Study with Healthy Bangladeshi Male Volunteers. Dhaka University Journal of Pharmaceutical Sciences. 10(2): 71-78, 2011(December).
19. **Sultana Juhara Mannan**, Mohammad Abul Kalam Azad, Md. Ashik Ullah, Abdullah Al Maruf, Md. Israt Rayhan, Mohammad Shamsul Ahsan, Abul Hasnat, 2010. Assessment of Serum Trace Element and Immune Status In Drug Abuser Patients Undergoing Detoxification Therapy. Biological Trace Element Research-(available in pubmed). (USA).
20. **Hamiduzzaman Md.**, Uttom Kumar, Sultana Juhara Mannan, 2014, 5(3). Hypoglycemic, cell membrane stability, thrombolytic, total phenolic content and free radical scavenging activities of methanolic extract of ZIZIPHUS MAURITIANA fruits (Rhamnaceae). International Research Journal of Pharmacy.
21. **Md. Hamiduzzaman**, Sultana Juhara Mannan, Avijit Dey and S. M. Abdur Rahman. Evaluation of analgesic, antipyretic, hypoglycemic and CNS depressant activity of 2-bromopopylamine hydrobromide, 3-bromopopyl ammonium bromide, ortho-amino aniline and benzimidazole-2-thiol in animal model. Der Pharmacia Lettre, 2014, 6 (1):47-53
22. **Md. Hamiduzzaman**. Evaluation of central and peripheral analgesic activity of whole plant Gomphrena globosa (L), Family Amaranthaceae. International Research Journal of Pharmacy, 2013: 4(6), 54-57.
23. **Hamiduzzaman Md.** Significant hypoglycemic activity from Gomphren aglobosa (Amaranthaceae) in mice model. Universal Journal of Pharmacy, 2013: 2(5), 68-72.
24. **Hamiduzzaman Md** and ASM Moniruzzaman Sarkar. Evaluation of biological activities of Abelmoschus esculentus(Malvaceae). International Journal of Current Science, 2014: 10, 43-49.
25. **Hamiduzzaman Md.**, Uttom Kumar and Sultana Juhara Mannan, Hypoglycemic, cell membrane stability, thrombolytic, total phenolic content and free radical scavenging

activities of methanolic extract of *Ziziphus mauritiana* fruits (Rhamnaceae). International Research Journal of Pharmacy, 2014: 5(3), 151-154.

26. **Md. Hamiduzzaman**, A.S.M. Moniruzzaman Sarkar, Mohammad Jamal Hossain, and Abdur Rashid. Neuropharmacological, Analgesic, Antidiarrheal and Antimicrobial Activities of Methanolic Extract of *Ziziphus mauritiana* Leaves (Rhamnaceae). American Journal of Advanced Drug Delivery. 2014: 2(2), 183-190.
27. **Md. Hamiduzzaman** and A.T.M. Zafrul Azam. Antimicrobial, Antioxidant and Cytotoxic activity of *Gomphren aglobosa* (L). Bangladesh Pharmaceutical Journal, 2012:15(2), 183-185
28. A.T.M. Zafrul Azam, Fatema Moni, **Md. Hamiduzzaman**, Mohammad Mehedi Masud and Choudhury Mahmood Hasan. Two Cinnamoyl Triterpenes and Steroids from *Crotalaria Incana* (Fabaceae). Research Journal of Phytochemistry, 2013; 7(1), 1-9.
29. **Farjahan Nur**, Asma Rahman, Md. Zakir Sultan, Md. Gias Uddin, Mohammad A. Rashid, Amir Hassan and Mansoor Ahmed. Development and Validation of a RP-HPLC Method for Simultaneous Determination of Levofloxacin and Moxifloxacin in Pharmaceutical Dosage Forms. Journal of Basic & Applied Sciences, 2013: 9, 633-638.
30. **S. M. A. Sayeed Ibn Elias**. A Study on Drug use at Upazilla Health Complex, Savar, Dhaka (ASA University Review, Vol. 7 No.1 (12th Issue).January-June 2013).
31. **S. M. A. Sayeed Ibn Elias**. Career Planning of Pharmacy Students in ASA University Bangladesh (Banglavision Research Journal, ISSN: 2079-567X, Vol. 14 No.1.June 2014).