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Department of Pharmacy

Academic Qualification:

PhD, Pharmaceutical Technology, University of Dhaka,
2015

M Pharm, Pharmacy, University of Dhaka, 1994

B Pharm, Pharmacy, University of Dhaka, 1993

Research Area: Drug Delivery System of poorly water
soluble drugs

Publication List:

1. Quadir, M. A., Sarker, S. R., Islam, S. M. A., Bhuiyan, M. A. Reza, M. M. A. & Reza, S.M. (2003). Controlled-release drug delivery system based on Hydroxypropylmethylcellulose: in vitro drug release and kinetic approach. *Dhaka University Journal of Pharmaceutical Sciences*, 2(1), 9-12.
2. Khatun, M., Islam, S. M. A., Akter, P., Quadir, M. A., & Reza, S.M. (2004). Controlled-release of naproxen sodium from Eudragit RS-100 transdermal film. *Dhaka University Journal of Pharmaceutical Sciences*, 3(1-2), 5-12.
3. Ahmed, F., Islam, S. M. A., Quadir, M. A., & Reza, S.M. (2004). Formulation and *in-vitro* release of a highly water soluble drug theophylline sodium glycinate from different suppository bases. *Dhaka University Journal of Pharmaceutical Sciences*, 3(1-2), 31-35.

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6. Joti, J. J., Nahar, N., Hasan, A., Azad, M. A. K., Ullah, M. A., Islam, S. M. A., Hasnat. A. (2009). Bioequivalence and pharmacokinetic study of two different omeprazole capsule formulations in healthy Banhladeshi volunteers. *Arzeimttelforschung*, 59(4), 171-175.
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9. Joti, J.J., Haque, M.A., Islam, S.M.A., Islam. M.S. (2011). Validation and optimization of a simple RP-HPLC method for determination of cilostazol in human serum. *Indian Journal of Novel Drug Delivery* , 3(2), 143-148.
10. Hossain, M. A., Dewan, I., Haque, M. A., & Islam, S. M. A. (2011). Development and validation of RP-HPLC method for the simultaneous estimation of hydrochlorothiazide and losartan potassium in tablet dosage form. *Dhaka University Journal of Pharmaceutical Sciences*, 10(1), 35-42.

11. Dewan, I., Shahriar. M. & Islam, S. M. A. (2011). The study of differential scanning calorimetry of atorvastatin in solid solution. *Bangladesh Pharmaceutical Journal*, 14 (2), 141-146.
12. Afroz, A. Asaduzzaman, M., Rahman. M. R. & Islam, S. M. A. (2011). Development and evaluation of muco-adhesive ciprofloxacin bi-layer tablet for extended drug release. *Asian Journal of Pharmaceutical Research*, 1(3), 64-68.
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- comparison with marketed products. *Journal of Chemical and Pharmaceutical Research*, 3(6), 348-360.
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University Journal of Pharmaceutical Sciences, 10(2); 9-12.

26. Dewan, I., Islam, S. M. A. & Shahriar. M. (2011). Dissolution study of spironolactone by using solid dispersion technology. *Stamford Journal of Pharmaceutical Sciences*, 4(2), 42-47.
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Natural Product and Plant Resources, 2 (1), 49-59.

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- emulsion solvent evaporation technique. *International Journal of Pharmaceutical Research and Bio-Science*, 1(3), 391-407.
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- Islam, S. M. A. (2012). Antidiuretic and antidiarrhoeal activities of polar and non-polar extract of *brassica oleracea*. *Journal Applied Pharmaceutical Science*, 2 (8); 101-106.
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- matrix. *Dhaka University Journal of Pharmaceutical Sciences*, 11(2), 9-12.
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74. Jahan, I., Akter, A., Dewan, I., Reza, M. S., & Islam, S. M. A. (2017). Study of competitive binding of amlodipine besylate and benazepril hydrochloride to bovine serum albumin and their displacement interaction at the binding site. *Journal Applied Pharmaceutical Science*, 17 (6), 157-163.