

**Dr. Swarnali Islam Khandaker**

Professor

Department of Pharmacy

Academic Qualification:

PhD, University of Dhaka, 2009

MPharm, Pharmacy, University of Dhaka, 1991

BPharm, Pharmacy, University of Dhaka, 1990

Research Area:Advanced Pharmaceutical Technology, Drug Delivery
Systems**Publication List:**

1. Islam, R. A., Tabassum, A., Alam, A. K., & **Islam, S.** (2018). Effect of polymer ratio and excipients on metoprolol tartrate release from chitosan - sodium alginate polymeric implants. *International Journal of Pharmaceutical Sciences and Research*, 9(6), 2293-2300.
2. Talukdar, K. M., Islam, R. A., Alam, A. K., Sultana, R., & **Islam, S.** (2018). Effect of excipients on the release of trimetazidine dihydrochloride from biodegradable polymeric implants. *European Journal of Pharmaceutical and Medical Research*, 5(2), 275-280.
3. Alam, A. K., Talukdar, K. M., **Islam, S.**, Sultana, R., & Islam, F. (2017). Effect of different excipients on the release of vinpocetine from biodegradable polymeric implants of chitosan and sodium alginate. *The Pharma Innovation Journal*, 6(5), 146-151.
4. Karmoker, J. R., Priya, R. J., Sarkar, S., & **Islam, S.** (2017). Comparative in vitro

- bioequivalence evaluation of some local gliclazide brands of Bangladesh. *The Pharma Innovation Journal*, 6(3), 152-157.
5. Akter, S., Das, P., & **Islam, S.** (2016). Effect of Excipients on the Release of Simvastatin from Biodegradable Polymeric Implant. *IOSR Journal of Pharmacy and Biological Sciences*, 11(3), 123-132.
 6. Sohani, S. S., Jahan, K. & **Islam, S.** (2016). Effect of Different Excipients on the Release of Norethisteron Acetate from Chitosan-Sodium Alginate Polymeric Implants. *International Journal of Pharmaceutical Sciences and Research*, 7(5), 1928-1937.
 7. Dewan, I., **Islam, S.**, & Rana, M. S. (2015). Characterization and Compatibility Studies of Different Rate Retardant Polymer Loaded Microspheres by Solvent Evaporation Technique: In Vitro-In Vivo Study of Vildagliptin as a Model Drug. *Journal of Drug Delivery*, 2015, 1-6.
 8. Dewan, I., **Islam, S.**, & Rana, M. S. (2015). Formulation, Assessment and Compatibility Analysis of Different Polymer Loaded Microspheres by Non Aqueous Solvent Evaporation Technique: In Vitro-In Vivo Study of Glibenclamide as a Model Drug. *International Journal of Pharmaceutical Sciences and Research*, 6(1), 4668-4680.
 9. Hossain, S.M., **Islam, S.**, Saha, M., & Islam, S. (2014). Effect of Formulation Variables on the Release of Letrozole from Natural Biodegradable Polymeric Implants. *British Journal of Pharmaceutical Research*, 4(20), 2417-2435.
 10. Saha, M., Hossain, S. M. & **Islam, S.** (2014). Release Pattern Study of Tramadol Hydrochloride Differing on Formaldehyde Exposure Time from Gelatin-Sodium Alginate Biodegradable Implants. *World Journal of Pharmacy and Pharmaceutical Sciences*, 3(10), 34-49.
 11. Howlader, N. A., **Islam, S.**, Al-Mamun, M., & Barua, S. (2014). Observation of the Release of Lidocaine Hydrochloride from Biodegradable Polymeric Implants. *World Journal of Pharmacy and Pharmaceutical Sciences*, 3(10), 60-71.

12. Saha, M., Debnath, A., Afrose, F. & **Islam, S.** (2014) Effect of excipients on the release of Tramadol Hydrochloride from biodegradable polymeric implants. *International Journal of Pharmaceutical Sciences and Research*, 2(11), 2046- 2057.
13. Al-Mamun, M., **Islam, S.**, Islam, S., Barua, S. & Howlader, N. A. (2013). Observation of the release of Simvastatin from biodegradable polymeric implant. *International Journal of Biology, Pharmacy and Allied Sciences*, 2(11), 2046- 2057.
14. Urmi, A. B., Islam, S., Rahman, F., Toma, T. F., **Islam, S.** (2013) Observation of Metoprolol Tartarate release from biodegradable polymeric implants. *International Journal of Pharmacy and Pharmaceutical Sciences*, 5(4), 183-188.
15. Islam, S., **Islam, S.** & Urmi, A. B. (2012) Observation of the release of aspirin from gelatin-sodium alginate polymeric implant. *Journal of Chemical and Pharmaceutical Research*, 4(12), 5149-5156.
16. **Islam, S.** (2011) Lipophilic and Hydrophilic Drug Loaded PLA/PLGA In Situ Implants: Studies on Thermal Behavior of Drug & Polymer and Observation of Parameters Influencing Drug Burst Release with Corresponding Effects on Loading Efficiency & Morphology of Implants. *International Journal of Pharmacy and Pharmaceutical Sciences*, 3(3), 181-188.
17. Rahman, M. A., & **Islam, S.** (2011) Study of Metoprolol Tartrate Delivery from Biodegradable Polymeric In Situ Implants for Parenteral Administration. *International Journal of Pharmacy and Pharmaceutical Sciences*, 3(4), 147-151.
18. Chowdhury, A. K., & **Islam, S.** (2011) In vitro–in vivo correlation as a surrogate for bioequivalence testing: the current state of play. *Asian Journal of Pharmaceutical Sciences*, 6 (3-4), 176-190.
19. Zaid, R. B, Nargis, B., Neelotpol, S., Hannanb, J. M. A., **Islam, S.**, Akhter, R., Ali, L., & Khan, A. (2004). Acetylation phenotype status in a Bangladeshi population and its comparison with that of other Asian population data, *Biopharmaceutics & Drug Disposition*, 25, 237-241.
20. Ahmed, F., Reza, M. S., Sultana, J. Bhuiyan, M. A., **Islam, S.** (2002). Studies on the

Release Pattern of Theophylline microcapsules from the market and Formulation of cost effective similar product using wax matrix. *Journal of Asiatic Society of Bangladesh (Sciences)*, 28(1), 83-90.

21. **Islam, S.** (1999). Determination of Mutagenic Potency of Suspended Particulate Matter in Ambient Air of Dhaka City. *Clean Air*, 35 (4).
22. Zaid, R. B, & **Islam, S.** (1997). Acetylation Phenotype: A review article. *Journal of the Diabetic Association of Bangladesh*, 25 (1).

Conference Papers/ Workshops/ Seminars

1. Zaid, R. B, Nargis, B., Neelotpol, S., Hannanb, J. M. A., **Islam, S.**, Akhter, R., Ali, L., & Khan, A. (2000). Association of acetylator Phenotype with Type 2 Diabetes in a Bangladeshi Population. *Diabetes Research and Clinical Practice*, 17th International Diabetes Federation Congress, Mexico City, Mexico, 50 (1)