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Assistant Professor

Department of Pharmacy

**Academic Qualification:**M.S. Pharm. Tech., Pharmaceutical Technology,  
University of Asia Pacific, 2010

B. Pharm, Pharmacy, University of Asia Pacific, 2009

**Research Area:**

Biotechnology and Phytochemistry

**Publication List:**

1. **Chowdhury, S.F.**, Jahan, S., Bhuiyan, M.A., & Shahriar, M. (2014). Identification of Plasmid DNA Responsible for Resistance in Clinical Isolates of E. coli against Specific Antibiotics. *International Journal of Pharmacy and Technology*, 6(1), 61-68.
2. Jahan, S., **Chowdhury, S.F.**, Mitu S.A., Shahriar, M., & Bhuiyan, M.A. (2015). Genomic DNA Extraction Methods: A Comparative Case Study with Gram-negative Organisms. *Banat's Journal of Biotechnology*, 6(11), 61-68.
3. Wadud M.A., Akhter R., **Chowdhury, S.F.**, Narjish S.N., Mannan M.M., Nasiruddin M.M., Shahriar, M., & Bhuiyan, M.A. (2015). *In vivo* Pharmacological Investigations of Leaf Extracts of *Paederia foetida* (L.) *International Journal of Pharmaceutical Sciences Review and Research*, 31(2), 166-172.
4. Shahriar, M., Ahsan M.T., Hossain S.M., **Chowdhury, S.F.**, Mannan M.M., Akhter R., Mahmud S., Hasan S., & Narjish S.N. (2015). *In vitro* Membrane Stabilizing Activity of Leaf Extracts of *Paederia foetida* (L.). *World Journal of Pharmaceutical Research*, 4(4), 204-209.

5. Shahriar, M., Khair N.Z., Akhter R., & **Chowdhury, S.F.** (2015). In vitro Membrane Stabilizing Activity of Leaf Extracts of *Erythrina variegata* bark (L.) *Journal of Chemical and Pharmaceutical Research*, 7(4), 960-962.
6. Shahriar, M., Khair N.Z., Sheikh Z., **Chowdhury, S.F.**, Kamruzzaman M., Bakhtiar M.S.I., Chisty S.J., Narjish S.N., Akhter R., & Akhter N. (2016). Phytochemical analysis, cytotoxic and in vitro antioxidant activity of *Erythrina variegata* bark. *European Journal of Medicinal Plants*, 11(3), 1-5
7. Shahriar, M., Khair N.Z., Sheikh Z., **Chowdhury, S.F.**, Kamruzzaman M., Bakhtiar M.S.I., & Chisty S.J. (2016). Characterization of phytoconstituents and bioactivity of *Annona reticulate* L. leaf extract. *Journal of Pharmacognosy and Phytochemistry*, 5(1), 42-45.
8. Karmoker Z.R., Sarker S., Joydhar P & **Chowdhury, S.F.** (2016). Comparative *in vitro* equivalence evaluation of some Aceclofenac generic tablets marketed in Bangladesh. *The Pharma Innovation Journal*, 5(3), 3-7.
9. Dewan I., Amin T., Hossain M.F., Hasan M., **Chowdhury, S.F.**, Gazi M., & Islam SMA. (2013). Development and validation of a new HPLC method for the estimation of Azithromycin in bulk and tablet dosage form. *International Journal of Pharmaceutical Science and Research*, 4(1), 282-286.
10. Dewan I., Saha A., Islam S.M.A., Gazi M., Amin T., & **Chowdhury, S.F.** (2012). Study and evaluation of release kinetics of Tramadol HCl from lipid based sustained release capsules by melt matrix. *Dhaka University Journal of Pharmaceutical Sciences*, 11(2), 137-145.

#### Conference Papers/Workshops/Seminars:

1. **Chowdhury, S.F.**, Wadud M.A., Gorapi Z.H., & Shahriar, M. (2017). National Symposium on “Ashwagandha” & 4th convention of society for ethnopharmacology, Jadavpur University, Kolkata, India.