UAP Department of Pharmacy
Committed to excellence…

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Department of Pharmacy

Academic Qualification:

Ph. D, Molecular Pharmacology, University of Cambridge 2017

M. Pharm, Faculty of Pharmaceutical Technology, University of Dhaka 2007

B. Pharm, Faculty of Pharmacy, University of Dhaka 2006

Research Area:

Atomic force microscopy imaging, Structural Biology, Ion channels, Membrane protein, Neuropharmacology, Ethnomedicine, Drug formulation technology.

Publications:

1. Akhter, S., Salahuddin, M., Uddin, A.K.M.S., Marium, M., Alam, M.B., Barua, S., Chakrabarty, P., & **Kadir, M.F**. (2016). Formulation and Evaluation of Solid Dispersion of an Antiepileptic Drug Carbamazepine. *IOSR Journal of Pharmacy and Biological Sciences*, 11 (5), 61-68.

2. **Kadir**, M.F., Karmoker, J.R., Alam, M.R., Jahan, S.R., Mahbub, S., M.M.K. & Mia, M.M.K. (2015). Ethnopharmacological survey of medicinal plants used by traditional healers and indigenous people in Chittagong hill tracts, Bangladesh, for the treatment of snakebite. *Evidence Based Complementary and Alternative Medicine* (Hindawi), 871675**.**

3. **Kadir, M.F.,** Bin Sayeed, M.S., & Mia, M.M.K. (2014). Ethnopharmacological survey of medicinal plants used by traditional health practitioners in

ThanchiBandarban Hill Tracts, Bangladesh. *Journal of Ethnopharmacology* (Elsevier), 155 (1), 495-508.

4. Bin Sayeed, M.S., Shams, T., Hossain, S.F., Rahman, M.R., Mostafa, A.G.M., & **Kadir, M.F.** (2014). Nigella sativa L. seeds modulate mood, anxiety and cognition in healthy adolescent males. *Journal of Ethnopharmacology* (Elsevier), 152 (1), 156-162.
5. Kanak, F., Islam, M.S., Shahriar, M., Haque, M.I.U., & **Kadir, M.F.** (2014). In vitro Binding Chemistry of Erythromycin Stearate and omeprazole to Bovine Serum Albumin. *Pharmacologia*, 5(3), 91-97.
6. Bin Sayeed, M.S., Asaduzzaman, M., Morshed, H., Hossain, M.M., & **Kadir, M.F.** (2013). The effect of *Nigella sativa* Linn. seed on memory, attention and cognition in healthy human volunteers. *Journal of Ethnopharmacology* (Elsevier), 148 (3), 780-786.
7. **Kadir, M.F.,** Bin Sayeed, M.S., & Mia, M. M. K. (2013). Ethnopharmacological survey of medicinal plants used by traditional healers in Bangladesh for gastrointestinal disorders. *Journal of Ethnopharmacology* (Elsevier), 147 (1), 148-156.
8. Bin Sayeed M.S., Ratan, M., Hossen, F., Hassan, F., Faisal, M., & **Kadir, M.F.** (2013). Arsenosugar Induced Blood and Brain Oxidative Stress, DNA Damage and Neurobehavioral Impairments. *Neurochemical Research* (Springer), 38(2), 405-412.
9. 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(2), 14-17.
10. 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.

11. Nath, J., & **Kadir, M.F.** (2013). Market research and recommendation on packaging and labeling of various OTC (over the counter) drugs available in Bangladesh. *The Experiment*, 10 (3), 651-662.
12. 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.
13. **Kadir, M.F.,** Bin Sayeed, M.S., & Mia, M. M. K. (2012). Ethnopharmacological survey of medicinal plants used by indigenous and tribal people in Rangamati, Bangladesh. *Journal of Ethnopharmacology* (Elsevier), 144 (3), 627-637.
14. **Kadir, M.F.,** Bin Sayeed, M.S., Shams, T., & Mia, M. M. K. (2012). Ethnobotanical survey of medicinal plants used by Bangladeshi traditional health practitioners in the management of diabetes mellitus. *Journal of Ethnopharmacology* (Elsevier), 144(3), 605-611.
15. **Kadir, M.F.** (2012). Study of binary and ternary solid dispersion of spironolactone prepared by co-precipitation method for the enhancement of oral bioavailability. *Journal of Applied Pharmaceutical Sciences*, 2 (10), 117-122.
16. Jhanker, Y.M., & **Kadir. M.F.** (2012). Proteomics in Drug Discovery**.** *Journal of Applied Pharmaceutical Sciences*, 2 (8), 1-12.
17. Alam, M.R., & **Kadir, M.F.** (2012). Anthelmintic and diuretic activity of bark extracts of *Sterculia villosa. Journal of Applied Pharmaceutical Sciences*, 2 (10), 86-89.
18. Alam, M.R., Rahman, A.B., Moniruzzaman, M., & **Kadir, M.F.** (2012). Evaluation of antidiabetic phytochemicals in *Syzygium cumini* (L.) Skeels. (Family: Myrtaceae) *Journal of Applied Pharmaceutical Sciences*, 2 (10), 94-98.
19. Hossain, S.F., Islam, M.S., Parvin, S., Shams, T., &**Kadir, M.F.** (2012). Antimicrobial Screening and Brine Shrimp Lethality Bioassay of Calotropisgigantea

(Fam: Asclepiadaceae). *Journal of Natural Product and Plant Resources,* 2 (1), 49-59.

20. Khan, R.I., & **Kadir, M.F.** (2011). Study of dissolution enhancement property of poloxamer-407 using BCS class II drugs. *International Journal of Pharmaceutical Research and Development,* 3 (12), 25-32.
21. Shams, T., Sayeed, M.S.B., & **Kadir, M.F.** (2011). Thermal, Infrared Characterization and In vitro Evaluation of Repaglinide Solid Dispersion. *Der Pharmacia Lettre,* 3 (6), 142-150.
22. **Kadir, M.F.** (2011). Study of binary and ternary solid dispersion of ibuprofen for the enhancement of oral bioavailability. *Journal of Applied Pharmaceutical Sciences,* 1 (9), 103-107.
23. Mia, M.M.K., & **Kadir, M. F.** (2009). Medicinal plants of the Garo tribe inhabiting the Madhupur forest region of Bangladesh. *American -Eurasian Journal of Sustainable Agriculture*, 3(2), 165-171.