

## Research Publications by Dr. Nawazish A. Khan

1. Syed, N.H. and Jones, R.L. (2015). Assessing the agonist profiles of the prostacyclin analogues treprostinil and naxaprostene, particularly their DP<sub>1</sub> activity. *Prostaglandins Leukotrienes Essent. Fatty Acids*, 95: 19-29.
2. Ayaz, M., Subhan, F., Ahmed, J., Khan, A.U, Ullah, F., Ullah, I., Ali, G., Syed, N.H. and Hussain, S. (2015). Sertraline enhances the activity of antimicrobial agents against pathogens of clinical relevance. *J. Biol. Res (Thessalon)*, 22(1):4. doi:10.1186/s40709-015-0028-1.
3. Muhammad, S.A., Fatima, N., Syed, N.H., Wu, X., Yang, X.F. and Chen, J.Y. (2015). MicroRNA expression profiling of human respiratory epithelium affected by invasive candida infection. *PLoS One*, 10(8): doi: 10.1371
4. Saleem, M., Ahmed, B., Karim, M., Ahmed, S., Ahmad, M., Qadir, M.I. and Syed, N.H. (2014). Hepatoprotective effect of aqueousmethanolic extract of *Rumexdentatus* in paracetamol induced hepatotoxicity in mice. *Bangladesh J. Pharmacol.*, 9(3): 284-289.
5. Kennedy, C., Chootip, K., Mitchell, C., Syed, N.H. & Tengah, A. (2013). P2X and P2Y nucleotide receptors as targets in cardiovascular disease. *Future Med. Chem.*, 5(4): 431-449.
6. Syed, N.H., Mahmood, Q., Ahmad, M and Akhtar, M.S. (2013). Inotropic and chronotropic effects of methanolic extract of *Aquilariaagallocha* Roxb. on isolated rabbit heart. *Bangladesh J. Pharmacol.*, 8(3): 311-316.
7. Mitchell, C., Syed, N.H., Gurney, A.M. and Kennedy, C. (2012). Ca<sup>2+</sup> influx induced by a Ca<sup>2+</sup>-dependent chloride current plays a major role in P2Y<sub>6</sub> receptor-mediated pulmonary vasoconstriction. *Br. J. Pharmacol.*, 166(4): 1503-1512.
8. Mitchell, C., Syed, N.H., Tengah, A., Gurney, A.M. and Kennedy, C. (2012). Identification of contractile P2Y<sub>1</sub>, P2Y<sub>6</sub> and P2Y<sub>12</sub> receptors in rat intrapulmonary artery using selective ligands. *J. Pharmacol. Exp. Ther.*, 343(3): 755-762.
9. Syed, N.H. and Kennedy, C. (2012). Pharmacology of P2X receptors. *WIREs Membr. Transp. Signal.*, 1: 16-30.
10. Syed, N.H., Arshad, S., Syed, A.A.R., Ahmad, M., Khan, F.Z. and Ahmad, B. (2011). A comparative study of antioxidant vitamins and simvastatin in hypercholesterolemia rabbits. *Pak. J. Pharm. Sci.*, 24(4): 479-484.
11. Syed, N.H., Tengah, A., Paul, A. and Kennedy, C. (2010). Characterisation of P2X receptors expressed in rat pulmonary arteries. *Eur. J. Pharmacol.*, 649: 342-348.