LIST OF COMPLETE PUBLICATIONS

Research Publications in Snake Venom Biochemistry and Drug Discovery:


- **Mukherjee, A. K., Kalita, B., Thakur, R.** (2014) Two acidic, anticoagulant PLA$_2$ isoenzymes purified from the venom of monocled cobra *Naja kaouthia* exhibit different potency to inhibit thrombin and factor Xa via phospholipids independent, non-enzymatic mechanism. *PLoS One* 9(8), e101334.


- **Saikia, D., Majumdar, S., Mukherjee, A. K.** (2013) Mechanism of *in vivo* anticoagulant and haemolytic activity by a neutral phospholipase A$_2$ purified from *Daboia russelli russelli* venom:
Correlation with clinical manifestations in Russell’s Viper envenomed patients. *Toxicon* 76, 291-300.


- **Mukherjee, A. K.** (2007) Correlation between the phospholipids domains of the target cell membrane and the extent of *Naja kaouthia* PLA₂-induced membrane damage: Evidence of
distinct catalytic and cytotoxic sites in PLA₂ molecules. *Biochimica et Biophysica Acta* 1770, 187-195.


Research Publications in Environmental Biotechnology and Industrial Microbiology:


• Das, K., Mukherjee, A. K. (2007) Crude petroleum-oil biodegradation efficiency of *Bacillus subtilis* and *Pseudomonas aeruginosa* strains isolated from petroleum oil contaminated soil from North-East India. *Bioresource Technology* 98, 1339-1345.


