

DR. BISWESWAR BANERJEE

Associate Professor (Chemistry)
MSc (Chemistry), PhD
DOB: 15/01/1966
E-Mail: bkpbanerjee@gmail.com

Date of appointment to the present job:

1st August 2002

Other Academic/ Administrative post:

Post: Principal , Kaji Najrul Islam Mahavidyalaya, Churulia, Burdwan, 713334

Duration: 14/09/2018 to 7th August 2019.

Academic background:

Master's degree details : MSc in Physical Chemistry (Obtained 63.8%) from Jadavpur University in the year 1991.

Information about M Phil/Ph D etc.:

PhD Topic: "Studies on thermodynamic and theoretical aspects of agonist and antagonist interactions with nicotinic receptors".

Research work was conducted at IICB, Jadavpur and registered under Jadavpur University. PhD was awarded on 24/12/1996.

Research Projects Conducted:

Minor Research Project I:

Title of the project : "An attempt to identify anticancer agents from plant sources using cell lines"

Financial assistance was received from UGC. The letter number and date under which the assistance was approved : PSW-065/04-05, Date : 03/03/2005. Amount approved : Rs. 70000/-.

Minor Research Project II:

Title of the project : "Effects of some herbal products on rat hemidiaphragm as an alternative to Salbutamol"

Financial assistance was received from UGC. The letter number and date under which the assistance was approved : PSW-067/12-13, Date : 05/02/13. Amount approved : Rs. 153500/-.

Ph.D. Supervision:

NIL

Academic Visit Abroad:

NIL

Publications of Dr. Bisweswar Banerjee

1. **Bisweswar Banerjee** and Dilip K. Ganguly, Thermodynamic studies with acetyl-thiocholine on nicotinic receptor of mammalian skeletal muscle *in vitro*, Biochemical Pharmacology, **1995**, **49**, **1713-1716**.
2. **Bisweswar Banerjee** and Dilip K. Ganguly, Thermodynamics of d-tubocurarine interaction with nicotinic receptors of mammalian skeletal muscle *in vitro*, Eur. J. Pharmacol., **1996**, **310/1**, **13-17**.

3. Soma Roy, Shila Besra, Tripti De, **Bisweswar Banerjee**, Joydeep Mukherjee and Joseph R.Vedasiromoni, Induction of Apoptosis in Human Leukemic Cell Lines U937,K562, and HL-60 mediated Caspase Cascades, *The open Leukemia Journal*, **2008, I, 1-14, 1876-8164/08, 2008** Bentham Open.
 4. Soma Roy, Shila E. Besra, **Bisweswar Banerjee**, Joydeep Mukherjee and Joseph R.Vedasiromoni, Anti-inflammatory activity of aqueous methanolic extract of *Swietenia mahagoni* (L) Jack (Maliaceae) leaves, *Oriental Pharmacy and Experimental Medicine*, **2009, 9(I), 74-82**.
 5. Soma Roy, **Bisweswar Banerjee**, Joseph R. Vedasiromoni, Anti-tumor activity of *Swietenia mahagoni* (L.) leaf extract against Ehrlich's ascites carcinoma in mice, *orient Pharm Exp Med*, **2013, 13(3), 205-216**.
 6. S. Roy, **B. Banerjee**, J.R. Vedasiromoni, Cytotoxic and apoptogenic effect of *Swietenia mahagoni* (L.) Jack leaf extract in human leukemic cell lines U937, K562 and HL-60, *Environmental Toxicology and Pharmacology*, 37 (2014) 234-247.
 7. Soma Roy, **Bisweswar Banerjee** and Joseph R. Vedasiromoni, Anti-Neoplastic Activity of *Litchi Chinensis* Leaf Extract Against Ehrlich's Ascites Carcinoma in Mice, *Journal of Herbs, Spices and Medicinal Plants*, **22:11-26, 2016**.
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