Teacher's Profile

General Information

Name: Dr. Manorama Polley Mandal

Designation:SACT1

Department: Biochemistry

Contact Information: Vill+P.O - Kanyanagar, P.S. - Bishnupur, Dist - 24Parganas(South),Pin703503,Contact no.- 8981245808or7980441011, e.mailpolleymanorama@gmail.com, mpm_1967@rediffmail.com

Specialization: Molecular Biology

Academic Qualification

1988:B.Sc. (Honors in Chemistry) 2nd Class

Subsidiary subjects: Physics and Mathematics University of Calcutta

1990 (Examination held in June 1991): M.Sc. in Biochemistry (Specialization in Reproductive Biology) 1st Class University of Calcutta

1999 (B.Ed. Exam.):B.Ed. Examination. 2nd Class Calcutta University

2000 (July):Ph. D. (Sc.), in Biochemistry University of Calcutta

Title Of Ph.D.(Sc) Thesis: Studies on the Neurobiochemical action of Methylxanthine(Theophylline) in Mammal.

Dec 3-16, 2000: Post-Doctoral work
International Brain Research Organization
School of Brain Function (IBRO)
Organized by the Hong Kong Society of Neuroscience.

March 2001- Feb 2003: Post-Doctoral Fellow in USA

Post-Doctoral Work: Molecular Regulation Of Kallikrein in Hypertensive Mice.

ACADEMIC HONOUR

Qualified GATE, 1992

FELLOWSHIP AWARDED

1991-1992: Junior Research Fellowship from Indian Council Of Medical Research (ICMR).

Oct. 1992 - Sep. 1994: Junior Research Fellowship from University Grants Commission (UGC), India.

Oct. 1994 - Oct. 1997: Senior Research Fellowship from UGC, India.

Dec. 3-16, 2000: IBRO (International Brain Research Organization) Fellowship. Hong Kong

March 2001- Feb. 2003 : NIH - NHLB (National Institute of Health - National Heart Lung and Blood) 1 KO1 HL 04038. USA

Professional Information

Joined Sarsuna College: 16/08/2014

Previous Experiences: Sep.2003-Aug.2004 as a Lecturer in Biochemistry in Asutosh College.

[Previous Employment Details along with name of Employer and duration]

Research Publication

Journal Publication:

PAPERS

1.Kalkier mk9: A prorenin converting enzyme, in hypertensive mice. Uddin, M. Polley-Mandal, M. and Beyou.Biochem.Biophys. Res. Commun. 304: 724-728, 2003.

2. Elevation of oxidative stress in aorta of genetically hypertensive mice. Mukarram Uddin, Hong Yang, Mingjin Shi, Manorama Polley-Mandal and Zhing Mao Guo. (Mechanism of ageing and development, vol 124 Issue 7.2003 811-817)

3. Brain regional adenylate cyclase activity: Effect of Theophylline under nontolerant and tolerant conditions. M.Mandal and M.K. Poddar Biogenic Amines, 16, No. 34/2001) 251-268.

4.Possible mechanism of interaction of GABAergic Adenosinergic systems in the regulation of theophylline-Research induced locomotor activity under its nontolerant and tolerant conditions. M. Mandal and M.K. Poddar,Neurochemical, 24 (1999) 757-765.

5. Hippocampal Serotonin: Effect of theophylline in nontolerant, tolerant and withdrawal rats. M. Mandaland M.K.Poddar. Biogenic Amines, 15 (1999) 217-228.

6. Theophylline withdrawal stimulates brain regional serotonin. M. Mandal and M.K. Poddar. Journal of Serotonin Research, 4 (1998) 273-282

7. Brain regional serotonergic activity: Effects of theophylline in nontolerant and tolerant rats. M. Mandaland M.K.Poddur. Journal of Serotonin Research, 4 (1998) 283-293.

Other Publication:

Chapter

M.K. Poddar, M. Mandal and S. Mukhopadhyay. Theophylline-induced locomotor activity in nontolerant and tolerant mammals: Involvement of central serotonergic activity. In: Environment and Physiology. B.N. Mallick and R. Singh (Eds.) (1993) pp. 80-90. Narosa Publishing House, New Delhi, India.

ABSTRACTS

1. Kalkrein-like enzymes modulation in genetically inbred hypertensive mice. Uddin, M. and Polley-Mandal, M.FASEB Meeting, April 11-15, 2003, San Diego, CA

2. Sequencing and restriction enzyme analysis of the promoter region of kallikrein-like peprenin converting enzyme in hyper, hypo and Normotensive mice. Uddin, M. and Polley-Mandal, M. 8th RCMI International Symposium on Health Disparities, Dec. 8-11, 2002, The University of Hawaii, Hawaii.

3. Elevation of oxidative stress in the aorta of hypertensive mice. Uddin, M., Hong Yang, Yingchun Zhang, Mingjian,Shi, Polley-Mandal, M. and Zhing Mao, Guo American Heart Association's 56

Annual Fall Conference on High Blood Pressure Research. Sep. 182002, Orlando, FL.

4. Binding of Hela nuclear transcription factor to promoter regions of prorenin converting enzymes mk9, mk13,mk22 in normotensive, hypertensive and hypotensive mice. FASEB Meeting, April, 20-24, New Orleans, 2002

5. Withdrawal of theoohylline: Effect of hippocampal GABA ergie system and Ca 2+ - ATPase in relation to locomotor activity.

Mandal. M. and Poddar M.K. IBRO World Congress of Neuroscience and Federation of Asian Occanian Neuroscience Socities (FAONS). Symposium 20" Scientific Meeting, Dec. 7-10 2000.

6. Brain regional adenosinergic activity: Withdrawal effect of theophylline. M.K.Poddar and M. Mandal 4th Interational Congress, Polish Neuroscience Society, Poland. Sep. 5-12, 1999

7. Withdrawal effect of theophylline on brain regional gamma-aminobutyric acid. M.K. Poddar and M. Mandal. 5th IBRO World Congress of Neuroscience, Jerusalem, Israel. It was held on July 11th-16th, 1999.

8. Theophylline withdrawal reduces locomotor activity: Possible mechanism of involvement of central GABAergic-Serotonergic interaction. M.K. Poddar and M. Mandal. International Colliquium on "Brain Research" Organized by National Brain Research Centre NBRC) Oct. 1-3, 1999.

Seminar/Workshop/others attended

INTERNATIONAL SEMINARS

P1. Theophylline withdrawal reduces locomotor activity: Possible mechanism of involvement of central GABAergic-Serotonergic

interaction. M.K. Poddar and M. Mandal. International Colloquium on "Brain Research" Organized by National Brain Research Centre NBRC) Oct. 1-3, 1999.

2.Elevation of oxidative stress in the aorta of hypertensive mice. Uddin, M., Hong Yang, Yingchun Zhang, Mingjian,Shi, Polley-Mandal, M. and Zhing Mao, Guo American Heart Association's 56 Annual Fall Conference on High Blood Pressure Research. Sep. 182002, Orlando, FL.

*[Delete the fields those are not applicable. Add new fields if required.]