

Dr. Biswadeep Das
Associate Professor
Department of Pharmacology, Faculty of Medicine
University Technology MARA(UiTM)
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Email: Biswadeepads@hotmail.com

1. **Associate Professor** In department of Pharmacology, faculty of Medicine and Health Sciences, Asian Institute of Medicine, Science & Technology, 2 Persiaran Cempaka, Amanjaya, 08000 Sungai Petani, Kedah Darul Aman, Malaysia From May 19,2006 Till Date.
2. **Associate Professor** In department of Pharmacology, Sri Ramachandra Medical College & Research Institute, Porur, Chennai-600 116, Tamil Nadu, India from May 20,2005 to April 28, 2006.
3. **Associate Professor** In department of Pharmacology, Sikkim Manipal Institute of Medical Sciences, 5th Mile, Tadong, Gangtok-737 102,Sikkim, India from August 1,2004 to May 17, 2005.
4. **Assistant Professor** In department of Pharmacology, Sikkim Manipal Institute of Medical Sciences, 5th Mile, Tadong, Gangtok-737 102,Sikkim, India from April 1,2002 to July 31, 2004.
5. **Lecturer** In department of Pharmacology, Manipal College of Medical Sciences, P.O.Box 155, “Deep Heights”, Pokhara, Nepal from August 15, 1998 to March 30, 2002.
6. **Assistant Manager (Clinical Research & Regulatory Affairs)** At Dr. Reddy’s Laboratories Ltd., Corporate Medical Services, 7-1-27, Ameerpet, Hyderabad from October 25, 1995 to September 15, 1996.
7. **Assistant Manager (Medical Affairs)** At Searle (India) Ltd., Medical Department, Ralli House (3rd Floor), 21, D.S. Marg, Bombay-400 001 from September 25, 1991 to October 24, 1995.
8. Academic Records:

Degree	Name of College	University/ Board	Year of Passing	Percentage of Marks/Grade Obtained
MBBS I	R G Kar Medical College & Hospital, Calcutta-700 004 West Bengal	University of Calcutta	1983	62%
MBBS II	R G Kar Medical College & Hospital, Calcutta- 700 004 West Bengal	University of Calcutta	1985	59%
MBBS III	R G Kar Medical College & Hospital, Calcutta- 700 004	University of Calcutta	1987	60%

	West Bengal			
M Tech (Biomedical Engineering)	Indian Institute of Technology, Bombay	Indian Institute of Technology, Bombay	1991	CGPA 9.01 on A 10 Point Scale
MD (Pharma- cology)	Kasturba Medical College, Manipal, Karnataka-576 119	Manipal Academy of Higher Education (MAHE)	1999	

Academic Awards/Prizes Received

1. Name of College: R G Kar Medical College & Hospital, Calcutta-700 004, West Bengal, India ; **award obtained: senior class-assistantship in Pharmacology of the Govt. of West Bengal in 1983.**
2. Awarded ‘**Saroj Sharma Prize 2003**’ by the **Indian Pharmacological Society** at 36th annual conference of the Indian Pharmacological Society at V P Chest Institute, University of Delhi, Delhi-110 007 held between Dec.4-7, 2003 for the best published research paper in Cardiovascular Pharmacology.
3. Awarded ‘**C L Malhotra Research Prize 2003 in Pharmacology**’ by the **Association of Physiologists and Pharmacologists of India (APPI)** at the 49th Annual Conference of the Association of Physiologists and Pharmacologists of India (Appicon 2003) at Gauhati Medical College, Guwahati, Assam-781 032, India held between Dec.14-17, 2003 for the best published research paper submitted in Pharmacology.
4. Awarded ‘**C L Malhotra Research Prize 2004 in Pharmacology**’ by the **Association of Physiologists and Pharmacologists of India (APPI)** at the 50th Annual Conference of the Association of Physiologists and Pharmacologists of India (Golden Appicon 2004) At Nimhans, Bangalore, Karnataka-560 029, India held between Dec.19-22, 2004 for the best published research paper submitted in Pharmacology.
5. Awarded ‘**Prof P K Das Award 2004 (Oration) for young scientist in Cardiovascular Pharmacology**’ by the **Indian Pharmacological Society** received at 37th Annual Conference of the Indian Pharmacological Society held at Science City, Kolkata under the auspices of department of Pharmacology, IPGME&R, Kolkata-700 020 between Jan.14-16, 2005 for significant original contribution in the field of Cardiovascular Pharmacology.
10. Details of paper presented in National & International Conferences/ Articles published in journals of National level academic bodies/journals Index Medicus:

A Workshops/Conferences attended

1. 10th National workshop on Clinical Pharmacology, Feb.17-22, 1992 at Post-graduate Institute of Medical Education & Research, Chandigarh-160 012, India.
2. National Symposium on Clinical Pharmacology-Retrospect & Prospect, Feb. 5, 1993 at Seth G S Medical College & K E M Hospital, Parel, Bombay, India.

3. National debate on recent trends in the management of Cardiovascular diseases, Sep. 11-12, 1993 under the auspices of Ahmedabad Academy of Cardiology and Medical Sciences and Associations of Physicians of Ahmedabad at Ahmedabad, Gujarat, India.
4. OPPI Workshop on Clinical Research-What, Why & How? on Nov.7, 1993 at Taj Coromandel Hotel, Chennai, India.
5. International Workshop on ADR Monitoring, Nov. 1999 at J N Medical College, Aligarh-202 002, U P, India.
6. 31st Annual Conference of the Indian Pharmacological Society at the Central Drug Research Institute (CDRI), on Dec. 18-20, 1998 Lucknow, UP, India, presented a paper.
7. CME in Pharmacology, Feb 1999, organized by Deptt. of Pharmacology, St. John's Medical College, Bangalore, Karnataka, India.
8. International Congress on Frontiers in Pharmacology and Therapeutics in 21st Century, Dec.1-4, 1999 at Hotel Taj Palace, New Delhi, India-Presented a paper.
9. Workshop on Clinical Pharmacokinetics, Dec. 26-27, 2000 at K B Institute of Pharmaceutical Education & Rresearch, Gandhinagar, Gujarat, India.
10. 33rd Annual Conference of the Indian Pharmacological Society at KB Institute of Pharmaceutical Education & Research, Gandhinagar, Gujarat, India-Dec. 28-30, 2000-presented a paper.
11. Workshop on Role of Information Technology in Pharmacology, Jan.9, 2002 at Indira Gandhi Medical College, Nagpur, Maharashtra, India.
12. 34th Annual Conference of the Indian Pharmacological Society at Indira Gandhi Medical College, Nagpur, Maharashtra, India-Jan.10-12, 2002-presented a paper.
13. ICMR-Who workshop on accessing information at Sikkim Manipal Institute of Medical Sciences, Gangtok, Sikkim, India-Sep.4-6, 2002.
14. Training on HIV/AIDS/STD Prevention and Control for Specialists and Medical Officers of Sikkim Manipal institute of Medical Sciences, Gangtok, Sikkim, India-Oct. 22-23, 2002.
15. 35th Annual Conference of the Indian Pharmacological Society at Defence Research and Development Establishment, Gwalior, Madhya Pradesh, India-474 002, India-presented a paper.
16. CME on Clinical Problems in High Altitude and Mountainous Terrain, 178 Military Hospital & Sikkim Manipal Institute of Medical Sciences, Gangtok, Sikkim, India-Dec.21-22, 2002.
17. Workshop on 'Pedagogic and Personal Effectiveness' conducted by Medical Education wing of Sikkim Manipal Institute of Medical Sciences, Tadong, Gangtok, Sikkim, India on Oct. 14-17, 2003.
18. 36th Annual Conference of the Indian Pharmacological Society at Vallabhbbhai Patel Chest Institute, University of Delhi, Delhi-110 007-Dec.4-7, 2003-Received '**Saroj Sharma Prize**

2003' of the Indian Pharmacological Society for the best published research paper in Cardiovascular Pharmacology.

19. 49th Annual Conference of the Association of Physiologists and Pharmacologists of India at Gauhati Medical College, Guwahati, Assam-781 032, India- Dec.14-17, 2003- Presented a paper & received the **CL Malhotra Research Prize 2003 In Pharmacology** by the **Association of Physiologists and Pharmacologists of India (APPI)** for the best research paper in Pharmacology.
20. International Conference on Mathematical Biology organized by departments of Biological Sciences & Bioengineering, Mathematics, Physics, Computer Science & Engineering and Nuclear Engineering & Technology at Indian institute of Technology Kanpur, Kanpur-208 016, Uttar Pradesh, India between Feb.19-21, 2004.
21. Indo-Us Workshop on Grantsmanship in India organized by Department of Biochemistry, all India institute of Medical Sciences, New Delhi-110 029, & Sponsored by Department of Biotechnology, Ministry of Science & Technology, Government of India on September 6-7, 2004.
22. CME on Pathophysiology of Neurodegenerative Diseases at Nimhans, Bangalore, Karnataka-560 029, India held on Dec.19, 2004.
23. 50th Annual Conference of the Association of Physiologists and Pharmacologists of India (Golden Appicon 2004) at Nimhans, Bangalore, Karnataka-560 029, India held between Dec.19-22, 2004-Awarded '**C L Malhotra Research Prize 2004 in Pharmacology**' by the **Association of Physiologists and Pharmacologists of India (APPI)** for the best published research paper submitted in Pharmacology, & also presented a paper.
24. 37th Annual Conference of the Indian Pharmacological Society organized by Department of Pharmacology, IPGMER, Calcutta-700 020- Jan.14-16, 2005-Received '**Prof P K Das Award for young Scientist in Cardiovascular Pharmacology 2004**' of the Indian Pharmacological Society for significant research in the field of Cardiovascular Pharmacology.
25. 38th Annual Conference of the Indian Pharmacological Society organized by Department of Pharmacology, Madras Medical College, Chennai-600 001, Dec. 27- 30, 2005.
26. Training on project proposal writing organized by Medical Education Cell, Sri Ramachandra Medical College & research institute (Deemed University), Porur, Chennai-600 117, Tamil Nadu, India on Feb.8, 2006.
27. Third workshop on Drug Discovery & Development in new Millennium organized by Department of Pharmacology & Toxicology, National Institute of Pharmaceutical Education & Research (NIPER), sector 67, S A S Nagar (Mohali), Punjab-160 062, India between Feb. 21-24, 2006-presented a paper.

B Research Publications

1. Sarkar C, Das B. Prescribing trend of fixed-dose Drug combinations in a Tertiary Hospital in Nepal. **Journal of the Institute of Medicine** 2000; 22: 239-242.

2. Sarkar C, Das B. Prescribing trend of NSAID'S in a teaching Hospital in Western Nepal. **Journal of the Institute of Medicine** 2001; 23: 40-44.
3. Sarkar C, Das B. Prescribing trend of Antimicrobials in a Tertiary Care Hospital in Western Nepal. **Journal of the Institute of Medicine** 2001; 23: 56-60.
4. Das B, Sarkar C, Karanth K S. Effect of Nicorandil administration on survival rate & Arrhythmias during reperfusion in anesthetized Rabbits. **Pharmacology** 2001; 63: 134-141.
5. Das B, Sarkar C, Karanth K S. effects of administration of Nicorandil or Bimakalim prior to and during Ischemia on survival rate, Ischemia/ reperfusion-induced arrhythmias & Infarct size in anesthetized Rabbits. **Naunyn-Schmiedeberg's archives of Pharmacology** 2001; 364: 383-396. Doi:10.1007/S002100100457.
6. Das B, Sarkar C, Karanth K S. The Antiarrhythmic and Cardioprotective effects of non-Hypotensive doses of Nicorandil and Celikalim during Ischemia/reperfusion in anesthetized Rabbits is due to selective Mitochondrial K_{atp} channel activation. **Asia Pacific Journal of Pharmacology** 2001; 15: 61-74.
7. Das B, Sarkar C, Karanth K S. Selective Mitochondrial K_{atp} channel activation results in Antiarrhythmic effect during experimental Ischemia/reperfusion in Anesthetized Rabbits. **European Journal of Pharmacology** 2002; 437(3): 165-171.
8. Sarkar C, Das B, Sripathi H. Drug use in dermatology in a teaching Hospital in Western Nepal. **Journal of Nepal Medical Association** 2002; 41(141): 241-246.
9. Sarkar C, Das B, Sripathi H. Antimicrobial drug use in dermatology in a teaching Hospital in Western Nepal. **International Journal of Clinical Practice** 2002; 56(4): 258-260.
10. Sarkar C, Das B, Datta A, Bohra S. A study of Drug use during pregnancy in a teaching Hospital in Western Nepal. **Pharmacoepidemiology and drug safety** 2003; 12: 221-225. Doi: 10.1002/Pds.770
11. Das B, Sarkar C. Mitochondrial K_{atp} channel activation is important in the Antiarrhythmic and Cardioprotective effects of Non-Hypotensive doses of Nicorandil and Cromakalim during Ischemia/Reperfusion: A study in an intact anesthetized Rabbit model. **Pharmacological Research** 2003; 47(6): 447-461. DOI: 10.1016/S1043-6618(02)00335-3
12. Das B, Sarkar C. Selective Mitochondrial K_{atp} channel activation by Nicorandil and 3-pyridyl Pinacidil results in antiarrhythmic effect in an anesthetized Rabbit model of Myocardial Ischemia/Reperfusion. **Methods and Findings in Experimental and Clinical Pharmacology** 2003; 25(2): 97-110.
13. Das B, Sarkar C. Cardiomyocyte Mitochondrial K_{atp} Channels Participate in the Antiarrhythmic and Antiinfarct effects of K_{atp} activators during Ischemia and reperfusion in an intact anesthetized Rabbit model. **Polish Journal of Pharmacology** 2003; 55: 771-786. ISSN 1230-6002.
14. Sarkar C, Das B. Effects of Ondansetron on cognitive performance in healthy human volunteers. **Asia Pacific Journal of Pharmacology** 2004; 16(2): 77-81.

15. Sarkar C, Das B, Baral P. Analgesic use in dentistry in a tertiary Hospital in Western Nepal. **Pharmacoepidemiology and Drug Safety** 2004 (Published online on May 6, 2004); 13(10): 729-733. Doi: 10.1002/Pds.972
16. Sarkar C, Das B, Datta A, Bohra S. Medication use in early pregnancy: A study in a teaching Hospital in Western Nepal. **Tropical Doctor** 2005 (Accepted for publication and in press).
17. Shankar P R, Das B, Partha P, Shenoy N. Students' attitudes towards complementary and alternative medicines: A Questionnaire-based survey among medical undergraduates in a Medical College in Nepal. **Journal of the Institute of Medicine** 2003; 25: 9-12.
18. Sarkar C, Das B, Baral P. An audit of drug prescribing practices of Dentists. **Indian Journal of Dental Research** 2004 ; 15(2): 58-61.
19. Das B, Sarkar C. Is the Sarcolemmal Or Mitochondrial K_{atp} channel activation important in the Antiarrhythmic and Cardioprotective effects during acute Ischemia/reperfusion in the intact Anesthetized Rabbit model. **Life Sciences** 2005; 77(11): 1226-48. Doi: 10.1016/J.Lfs.2004.12.042
20. Shankar P R, Das B, Partha P, Shenoy N. Inter-rater variability of the assessment of communication skills in Pharmacology. **Journal of Nepal Medical Association** 2005 (Communication with Editors/Referees in progress).
21. Das B, Sarkar C. Similarities between Ischemic preconditioning and 17beta-estradiol mediated Cardiomyocyte K_{atp} channel activation leading to Cardioprotective and Antiarrhythmic effects during Ischemia/ reperfusion in the intact Rabbit heart. **Journal of Cardiovascular Pharmacology** 2006; 47(2): 277-286.
22. Das B, Sarkar C. Assessment of Knowledge of Systems of measure and ability of calculation of doses of medications in solution among paraclinical and clinical medical students at an Indian medical teaching institution. **Pharmacoepidemiology and drug safety** 2006 (Communication with Editors/Referees in progress).
23. Sarkar C, Majumdar A G, Dutta S, Das B. A survey of prescribing pattern of Sugar-containing liquid oral medicines in pediatrics in a teaching Hospital in North-Eastern India. **Pharmacoepidemiology and drug safety** 2006 ; 15(6): 432-433. DOI: 10.1002/Pds.1249
24. Das B, Sarkar C, Majumdar A G. Medication use for pediatric upper respiratory tract infections. **Fundamental and Clinical Pharmacology** 2006; 20: 385-390(Published online April 12, 2006). DOI: 10.1111/J.1472-8206.2006.004 14.X.
25. Das B, P Ravi Shankar, Sarkar C. Pretreatment with Sarafotoxin 6c Mimics Ischemic preconditioning against infarction and arrhythmias via Cardiomyocyte Mitochondrial K_{atp} channel activation in the intact rabbit heart during Ischemia/Reperfusion. **Cardiovascular drugs and therapy** 2006 (Communication with Editors/Referees in progress).

26. Shankar Pr, Palaian S, Das B, Dubey Ak, Upadhyay Dk. Student attitudes towards integrative Medicine in a Medical College in Western Nepal. **Journal of American Association of Integrative Medicine 2006** ([Www.Aaimedicine.Com/ Jaaim/Jun06/Attitude.Php](http://www.aaimedicine.com/jaaim/jun06/attitude.php)).

C Orations/Invited Lectures/Speech/Resource Person

1. Delivered a Lecture on ‘**Use of Projected Audiovisual Aids in Medical Teaching**’ during workshop on ‘Medical education methodology and technology 2003’ organized by Medical education wing of Sikkim Manipal Institute of Medical Sciences, Tadong, Gangtok, Sikkim, India on July 26-27, 2003.
2. Delivered The ‘**C L Malhotra Research Prize 2003 in Pharmacology Invited Lecture**’ at the 49th Annual Conference of the Association of Physiologists and Pharmacologists of India at Gauhati Medical College, Guwahati, Assam-781 032, India On Dec.16, 2003.
3. Delivered the ‘**C L Malhotra Research Prize 2004 In Pharmacology Invited Lecture**’ of the **Association of Physiologists and Pharmacologists of India (APPI)** at the 50th Annual Conference of the Association of Physiologists and Pharmacologists of India (Golden Appicon 2004) at Nimhans, Bangalore, Karnataka-560 029, India On Dec.22, 2004 for the best published research paper submitted in Pharmacology.
4. Delivered The ‘**Prof P K Das Oration Award 2004 Invited Lecture**’ for young Scientist in Cardiovascular Pharmacology at the 37th Annual Conference of the **Indian Pharmacological Society (IPS)** organized by Department of Pharmacology, IPGMER, Calcutta- 700 020 at Science City, Calcutta, West Bengal, India on Jan.15, 2005.

D Academic & Professional Awards/Prizes Obtained

1. **Senior class-Assistantship in Pharmacology** of The Govt. of West Bengal during MBBS in 1983.
2. Awarded ‘**Saroj Sharma Prize 2003**’ by the **Indian Pharmacological Society** at 36th Annual Conference of the Indian Pharmacological Society at V P Chest Institute, University of Delhi, Delhi-110 007 held between Dec.4-7, 2003 for the best published research paper in Cardiovascular Pharmacology.
3. Awarded ‘**C L Malhotra Research Prize 2003**’ by the **Association of Physiologists and Pharmacologists of India (APPI)** at the 49th Annual Conference of the Association of Physiologists and Pharmacologists of India (Appicon 2003) at Gauhati Medical College, Guwahati, Assam-781 032, India held between Dec.14-17, 2003 for the best published paper submitted in Pharmacology.
4. Awarded ‘**C L Malhotra Research Prize 2004 in Pharmacology**’ by the **Association of Physiologists and Pharmacologists of India (APPI)** at the 50th Annual Conference of the Association of Physiologists and Pharmacologists of India (Golden Appicon 2004) at Nimhans, Bangalore, Karnataka-560 029, India held between Dec.19-22, 2004 for the best published research paper submitted in Pharmacology.
5. Awarded ‘**Prof P K Das Award 2004 for young Scientist in Cardiovascular Pharmacology**’ by the **Indian Pharmacological Society** received at 37th Annual Conference of the Indian Pharmacological Society held at IPGMER, Kolkata-700 020

between Jan.14-16, 2005 for significant original contribution in Cardiovascular Pharmacology.

11. Any other relevant information or extracurricular activities, etc.

A Memberships of Professional Bodies

1. Life-Member of the **Indian Pharmacological Society (IPS)**
2. Life-Member of the **Association of Physiologists and Pharmacologists of India (APPI)**
3. Life-Member of the **Society for Pharmacovigilance (India)**
4. Life-Member of the **Biomedical Engineering Society of India**
5. Life-Member of the **American Society for Pharmacology & Experimental Therapeutics (ASPET)**

B Research & Teaching Interests

Cardiovascularpharmacology/Pharmacoepidemiology/Neuropharmacology/Bioinformatics/Pharmacogenomics/Artificial Organ Systems Development/ Structure Based Drug Design/Biomaterials & Biocompatibility/Biorheology/Medical Physics/Cardiovascular Electrophysiology/Biomedical Engineering Education

C Memberships & Reviewerships of Journals

1. Editorial board member of 'Current Drug Safety (Bentham Science)'
2. Peer Reviewer for 'Current Drug Safety (Bentham Science)'
3. Peer Reviewer for 'Pharmacological Research (Elsevier Science)'
4. Peer Reviewer for 'Cardiovascular Drugs and Therapy (Kluwer)'
5. Peer Reviewer for 'European Surgical Research (Karger)'
6. Peer Reviewer for 'Anesthesiology'
7. Peer Reviewer for 'Indian Journal of Medical Sciences'
8. Peer Reviewer for 'Indian Journal of Pharmacology'