

Statement of Research Achievements, if any, on which any Award has already been Received by the Applicant. Please also upload brief citations on the research works for which the applicant has already received the awards

Title of the research work submitted for the award:

1. Kumar B, Modi M, Saikia B, **Medhi B**. Evaluation of Brain Pharmacokinetic and Neuropharmacodynamic Attributes of an Antiepileptic Drug, Lacosamide, in Hepatic and Renal Impairment: Preclinical Evidence. ACS chemical neuroscience. 2017 Apr 6;8(7):1589-97.
2. Sewal RK, Modi M, Saikia UN, Chakrabarti A, **Medhi B**. Increase in seizure susceptibility in sepsis like condition explained by spiking cytokines and altered adhesion molecules level with impaired blood brain barrier integrity in experimental model of rats treated with lipopolysaccharides. Epilepsy research. 2017 Sep 1;135:176-86.
3. Misra S, Chopra K, Sinha VR, **Medhi B**. Galantamine-loaded solid–lipid nanoparticles for enhanced brain delivery: preparation, characterization, in vitro and in vivo evaluations. Drug delivery. 2016 May 3;23(4):1434-43.
4. Patyar S, Patyar RR, **Medhi B**, Khanduja KL. Chemopreventive effect of artesunate in 1, 2-dimethylhydrazine-induced rat colon carcinogenesis. Journal of advanced pharmaceutical technology & research. 2017 Jul;8(3):102.
5. Misra S, Chopra K, Saikia UN, Sinha VR, Sehgal R, Modi M, **Medhi B**. Effect of mesenchymal stem cells and galantamine nanoparticles in rat model of Alzheimer's disease. Regenerative medicine. 2016 Oct;11(7):629-46.
6. Lalitha S, Minz RW, **Medhi B**. Understanding the controversial drug targets in epilepsy and pharmaco-resistant epilepsy. Reviews in the neurosciences. 2017 Dec 6.
7. Garg N, Joshi R, **Medhi B**. Cracking novel shared targets between epilepsy and Alzheimer's disease: need of the hour. Reviews in the neurosciences. 2018 Jan 12.

1. Details of outstanding research achievements during the last five years: **I have been working in the field of experimental Neurology (Epilepsy and ischemic models), Inflammatory bowel disease models, pharmacokinetics and other clinical trials**
Some of my publication in the field of epilepsy in experimental as well as clinical publications are (last five years)

1. Kumar B, Modi M, Saikia B, **Medhi B**. Evaluation of Brain Pharmacokinetic and Neuropharmacodynamic Attributes of an Antiepileptic Drug, Lacosamide, in Hepatic and Renal Impairment: Preclinical Evidence. ACS chemical neuroscience. 2017 Apr 6;8(7):1589-97.

2. Sewal RK, Modi M, Saikia UN, Chakrabarti A, **Medhi B**. Increase in seizure susceptibility in sepsis like condition explained by spiking cytokines and altered adhesion molecules level with impaired blood brain barrier integrity in experimental model of rats treated with lipopolysaccharides. *Epilepsy research*. 2017 Sep 1;135:176-86.
3. Misra S, Chopra K, Sinha VR, **Medhi B**. Galantamine-loaded solid–lipid nanoparticles for enhanced brain delivery: preparation, characterization, in vitro and in vivo evaluations. *Drug delivery*. 2016 May 3;23(4):1434-43.
4. Patyar S, Patyar RR, **Medhi B**, Khanduja KL. Chemopreventive effect of artesunate in 1, 2-dimethylhydrazine-induced rat colon carcinogenesis. *Journal of advanced pharmaceutical technology & research*. 2017 Jul;8(3):102.
5. Misra S, Chopra K, Saikia UN, Sinha VR, Sehgal R, Modi M, **Medhi B**. Effect of mesenchymal stem cells and galantamine nanoparticles in rat model of Alzheimer's disease. *Regenerative medicine*. 2016 Oct;11(7):629-46.
6. Lalitha S, Minz RW, **Medhi B**. Understanding the controversial drug targets in epilepsy and pharmaco-resistant epilepsy. *Reviews in the neurosciences*. 2017 Dec 6.
7. Garg N, Joshi R, **Medhi B**. Cracking novel shared targets between epilepsy and Alzheimer's disease: need of the hour. *Reviews in the neurosciences*. 2018 Jan 12.
8. Rao R S, **Medhi B**, Saikia U N, Arora SK, Jaideep S Toor, Pandhi P, Khanduja K L. Experimentally induced various inflammatory models and seizure: Understanding the role of cytokine in rat. ***European Psychopharmacology* 2008;18(10):760-767. (IF 4.43)**
9. **Medhi B**, Prakash A, Aviti P, Chakrabarti A, Khanduja KL. Intestinal Inflammation and Seizure: Understanding the role of TNF α in rat model. ***Journal of Pharmacy & Pharmacology* 2009;61(10):1359-1364. (IF 1.847)**
10. Rao R S, **Medhi B**, Pandhi P, Khanduja K L. Study to evaluate correlation between experimentally induced various inflammatory models seizure and biochemical parameters in rats. ***Fundamentals Clinical Pharmacol* 2010;24:325-331. (IF 2.019)**
11. Rao RS, Prakash A **Medhi B**. Role of different cytokines and seizure susceptibility: a new dimension toward epilepsy research. ***Ind J Exp Biol* 2009;47: 625-634. (IF 0.551)**
12. Aggarwal R, **Medhi B**, Pathak A, Dhawan V, Chakrabarti A. Neuroprotective effect of progesterone on acute phase changes induced by partial global cerebral ischaemia in mice. ***J Pharm Pharmacol*. 2008 Jun;60(6):731-737. (IF 1.533)**

13. **Medhi B**, Sukhija M, Prakash A, Gaikowad S, Bansal V, Pandhi P. Effects of Etoricoxib on the Pharmacokinetics of Phenytoin. **Pharmacological Reports (Poland Journal of Pharmacology)** 2008 April;60 (2): 233-237. (IF 1.09)
14. Prakash A, **Medhi B**, Puri A, Saikia B. Study to evaluate propofol effect in altering pentylenetetrazol induced seizure threshold in rats, **Ind J Exp Biology** 2008;46:196-200. (IF 0.551)
15. Nimisha Sood, Ashok Kumar Sahai, **Bikash Medhi**, Amitava Chakravarty. Dose finding study with nicotine as an antiseizure agents in PTZ induced seizure model in mice. **Journal of Biomedical Sciences** 2008 Nov;15(6):755-765. (IF 2.024)
16. A. Prakash, D. Bansal, **B. Medhi**. Safety and efficacy of concomitant use of newer and older antiepileptic drugs in tertiary care centre of North India: A prospective cohort study. *Journal of Pharmacological and Toxicological Methods*. 2009 September-October;60(2): 234.
17. **Bikash Medhi**, Ajay Prakash, Prasad Byrav D S. Evaluation of propofol effect in altering pentylenetetrazol induced seizure threshold in peripheral inflammatory models in rats. *Journal of Pharmacological and Toxicological Methods*. 2009 September-October 2009;60(2): 232-233.
18. Patyar S, **Medhi B**. Lacosamide: A Newer Antiepileptic. **Neurosciences** 2010; Vol. 15 (1): 3-6
19. Prakash A, **Medhi B**. TDM pattern of the antiepileptic drugs in developed and developing countries: an overview. **Neurosciences** 2009;14(3): 447-449.
20. **Bikash Medhi**, Raman Aggarwal Amitava Chakrabarti. Neuroprotective effect of Pioglitazone on acute phase changes induced by partial global cerebral ischemia in mice. **Indian Journal of Experimental Biology** 2010August; 48:793-799.
21. Bansal D, Prakash A, Modi M, **Medhi B**, Chakrabarti A. Determinants of patients becoming seizure free with antiepileptics? An observational study in patients suffering from Epilepsy. *Epilepsies* 13-08-2009.(12-04-2010)
22. **Medhi B**, Prakash A, Rupa Joshi, Prasad byrav D S. Effect of Esomeprazole on pharmacokinetic of Phenytoin. *Indian Journal of Physiology and Pharmacology* (in Press)
23. **Bikash Medhi**, Pawan K Singh, Ajay Prakash, Pramod Avti. Effect of esomeprazole on pharmacokinetic of carbamazepine. **Ind J Pharmacol** (in Press)
24. Prakash A, **Medhi B**, Sazal Patyar, Prasadbyrav D S, Palhora S, Saikia B. Can propofol causes seizure?, an experimental study! *Anaesthesia & Analgesia* (Submitted)
25. Medhi B, Rupa Joshi, Prakash A, Bansal Y S , Attrey S D, Singh D, Pandhi P. Effect of Aceclofenac on pharmacokinetic of Phenytoin. **Pak Pharmaceutical Journal** (in Press)

26. Amitava Chakrabarti, Raman Aggarwal, **Bikash Medhi**, Ashis Pathak and Veena Dhawan. Validation of the effects of progesterone and MK-801 on acute phase changes induced by partial global cerebral ischemia in mice. **Toxicology Letters**, 2007;172,(Suppl1.):S63 (**IF 3.249**)
27. Manpreet Sukhija, **Bikash Medhi**, P.Pandhi. Effects of artemisinin, artemether, arteether on the pharmacokinetics of carbamazepine. **Pharmacology**, 2006;76:110-116. (**IF 1.2**)
28. Manpreet Sukhija, **Bikash Medhi**, P.Pandhi. Effects of artemisinin, artemether, arteether on the pharmacokinetics of phenytoin. **Meth Find Clin Exp Pharmacol**,2006,28(3):89-94. (**IF 0.9**)

In the field of Experimental and Clinical Gastroenterology (Last five years)

2. Akhtar R, Chandel S, Sarotra P, Medhi B. Current status of pharmacological treatment of colorectal cancer. *World J Gastrointest Oncol* 2014;6(6):177-83.
3. Chandel S, Akhtar R, Sarotra P, Medhi B. Status of Colorectal Cancer Devices: Present Scenario. *J Gastrointest Cancer*. 2015;46(2):91-103.
4. Chandel S, Prakash A, Medhi B. Current scenario in inflammatory bowel disease: drug development prospects. *Pharmacol Rep*. 2015 Apr;67(2):224-9.
5. Prakash O, **Medhi B**, Saikia UN, Pandhi P. Effect of different doses of thalidomide in experimentally induced inflammatory bowel disease in rats. **Basic Clin Pharmacol Toxicol** 2008 July;103(1):9-16. (**IF 1.8**)
6. Prakash A , **Medhi B**, Aviti A , Kanduja KL, Pandhi P. Effect of different doses of Manuka honey in experimentally induced inflammatory bowel disease in rats. **Phytotherapy Research** 2008;22: 1511-1519. (**IF 1.4**)
7. **Medhi B**, Prakash A, Aviti A, saikia U N, Pandhi P, Kanduja KL . Combined treatment effect of Manuka honey and sulfasalazine promotes the antioxidant defense system in experimentally induced ulcerative colitis model in rats. **Ind J Exp Biology** 2008 ;46:583-590. (**IF 0.551**)
8. **Medhi B**, Kaur H, Prakash A. Effect of Sildenafil in an Experimental Model of Ischemic Colitis. **Dig Dis Sci**. 2009 Feb;54(2):419. (**IF 1.7**)
9. Prasad Byrav D S, **Medhi B**, Saikia UN, Kim V, Chakrabarti A, Khanduja K L. Effect of different doses of green tea extract and sulfasalazine in experimentally induced inflammatory bowel disease in rats. *Digestive Disease Sciences* (Accepted) (**IF 1.8**)
10. **Medhi B**, Prakash A, Kaman L. Efficacy of diltiazem in the treatment of chronic anal fissure: an overview. *J Int Med Sci Acad*.2009 (April-June);22(2):110-111.

11. **Medhi B**, Prakash A. Effects of a one-week treatment with acid gastric inhibitors on Helicobacter pylori-infected mice. **Scand J Gastroenterol** 2008 Aug;43(8):1022-1023. **(IF 1.86)**
12. **Medhi B**, Rao S Ramya, Prakash A, Prakash O, Kaman L, Pandhi P. Recent Advances in Pharmacotherapy of Chronic Anal Fissure: an update. **Asian J Surg.** **2008;31(3):154-163. (IF 0.9)**
13. **Medhi B**, Prakash A, Upadhyay S, Deonis Xess, Yadav T P, Kaman L Comparison of observational and controlled clinical trial of diltiazem in the treatment of chronic anal fissure. *Asian Journal of Surgery*. 2009.
14. **Medhi B**, Prasad Byrav D S, Deonis X, Prakash A, Sen R, Wadhwa S. Constipation and Arthritis: is there any correlation? An observational study. *Ind J Phys Med & Rehab* 2009(Oct); 20 (2):
15. **Medhi B**. Heparin in the treatment of ulcerative colitis, Does it have any role? *J Int Med Sci* 2007;20(4):286.

Contribution Toward COVID-19

Secretary & Director General, Department of Health Research(DHR) and Indian Council of Medical & Research(ICMR). New Delhi, Government of India as follows:

1. Core Member of National Task Force COVID-19 India
2. Member of **National Ethics Committee of ICMR COVID-19 (CoNEC)**,
And member in **different National Working Group of COVID-19**
3. Member in Vaccines/Drug Research and Development.
4. Drug Research and Development Group as Co-Chair.
5. Member of Anti-viral Screening Committee.
6. Chairman for Oxford vaccine committee of ICMR
7. Chairman for Bharat Biotech vaccine for ICMR.

COVID-19 PROJECT AND PUBLICATION 2020

1. Sarma P, Prajapat M, Avti P, Kaur H, Kumar S, Medhi B. Therapeutic options for the treatment of 2019-novel coronavirus: An evidence-based approach. *Ind J Pharmacol* 2020;52:1-5.
2. Manisha Prajapa, Phulen Sarma, Nishant Shekhar, Pramod Avti¹, Shweta Sinha², Hardeep Kaur, Subodh Kumar, Anusuya Bhattacharyya³, Harish Kumar, Seema Bansal, Bikash Medhi. Drug targets for corona virus: A systematic review. *Ind J Pharmacol* 2020;52:56-65.
3. Phulen Sarma, Nishant Sekhar, Manisha Prajapat, Pramod Avti, Hardeep Kaur, Subodh Kumar, Sanjay Singh, Harish Kumar, Ajay Prakash, Deba Prasad Dhibar, Bikash Medhi. In-silico homology assisted identification of inhibitor of RNA binding against 2019-nCoV N-protein (N terminal domain). *J Biomol Struct Dyn*. 2020 May 18:1-9
4. Sarma P, Kaur H, Kumar H, Mahendru D, Avti P, Bhattacharyya A, Prajapat M, Shekhar N, Kumar S, Singh R, Singh A, Dhibar DP, Prakash A, Medhi B. Virological and Clinical Cure in Covid-19 Patients Treated with Hydroxychloroquine: A Systematic Review and Meta-Analysis. *J Med Virol*. 2020; *J Med Virol*. 2020 Jul;92(7):776-785.
5. Sarma P, Kaur H, Kumar H, Mahendru D, Avti P, Bhattacharyya A, Prajapat M, Shekhar N, Kumar S, Singh R, Singh A, Dhibar DP, Prakash A, Medhi B. Ocular manifestations and tear or conjunctival swab PCR positivity for 2019-ncov in patients with covid-19: a systematic review and meta-analysis: *Lancet (pre-print)* 2020.
6. Kaur S, Sarma P, Dhibar DP, Prakash A, Medhi B. Re: Chloroquine and hydroxychloroquine in covid-19. 2020 Apr 27 [cited 2020 Apr 27]; Available from: <https://www.bmj.com/content/369/bmj.m1432/rr-27>.
7. Anusuya Bhattacharyya, Phulen Sarma, Hardeep Kaur, Bikash Medhi. Possible prophylactic or preventive role of topical povidone iodine during accidental ocular exposure to 2019-nCoV. *Graefe's Archive for Clinical and Experimental Ophthalmology* 2020.
8. Vidya M Mahalmani, Dhruv Mahendru, Phulen Sarma, Ajay Prakash, Bikash Medhi. CoVid-19 Pandemic – Hopes Ride High on Targeting Known drugs against Unknow. *Ind J Pharmacol* 2020;March-April 2020;52(2): 75-78.
9. Vidya M Mahalmani, Dhruv Mahendru, Ankita Semwal, Sukhmeet Kaur, Harpinder Kaur, Phulen Sarma, Ajay Prakash, Bikash Medhi. COVID-19 pandemic: A review based on current evidence. *Ind J Pharmacol* 2020;March-April 2020;52(2): 117-129.

10. Update on the target structures of SARS-CoV-2: A systematic review. Manisha Prajapat, Phulen Sarma, Nishant Shekhar, Ajay Prakash, Pramod Avti, Anusuya Bhattacharyya, Hardeep Kaur, Subodh Kumar, Seema Bansal, Amit Raj Sharma, Bikash Medhi. *Ind J Pharmacol* 2020;March-April 2020;52(2): 142-
11. Singh R, Singh A, Sarma P, Kaur H, Kumar H, Mahendru D, Avti P, Bhattacharyya A, Prajapat M, Shekhar N, Kumar S, Prakash A, Medhi B A comprehensive review and validation of animal models for Corona Viruses: SARS-CoV2 (Covid-19), SARS-CoV and MERS-CoV. *Virol Sin.* 2020 Jun;35(3):290-304.
12. Amit Raj Sharma, Gitika Batra, Singh R, Singh A, Medhi B. BCG as a game-changer to prevent the infection and severity of COVID-19 pandemic?" *Allergologia et Immunopathologia* 2020.(Accepted) *Allergol Immunopathol (Madr).* 2020 Jul 3:S0301-0546(20)30106-3
13. Anusuya Bhattacharyya, Phulen Sarma, Hardeep Kaur, Bikash Medhi. Possible prophylactic or preventive role of topical povidone iodine during accidental ocular exposure to SARS-CoV-2. (Letter to reply).
14. Pradeep Goyal, Roli Mathur, Bikash Medhi. Compassionate use of drugs in pandemic like COVID-19. *Ind J Pharmacol* 2020;
15. Saniya Mahendirattaa, Gitika Batrac, Phulen Sarmaa, Harish Kumara, Seema Bansala, Subodh Kumara, Ajay Prakasha, Rakesh Sehgalb, Bikash Medhi. Molecular diagnosis of COVID-19 in different biologic matrix, their diagnostic validity and clinical relevance: A systematic review. *Life Sciences*;258 (2020): 118207.
16. Vidhya, Sukmeet, Harpinder, Ankita, Bikash Medhi Pattern of Clinical research in Pandemic/COVID-19. *Ind J Pharmacol.* 2020;
17. Phulen Sarma^{1#}, Subodh Kumar^{1#}, Hardeep Kaur^{1#}, Anusuya Bhattacharyya^{2#}, Manisha Prajapat¹, Pramod Avti³, Nishant Sehkhari¹, Mythili Hazarika⁴, Ajay Prakash¹, Bikash Medhi^{1*}. LOPINAVIR/RITONAVIR IN COVID-19: A SYSTEMATIC REVIEW AND METAANALYSIS.
18. Manisha Prajapat^{1#}, Nishant Shekhar^{1#}, Phulen Sarma^{1#}, Pramod Avti^{1#}, Sanjay Singh², Hardeep Kaur¹, Anusuya Bhattacharyya³, Subodh Kumar¹, Ajay Prakash¹, Bikash Medhi^{1*}. Virtual screening and molecular dynamics of approved drugs as inhibitors of spike protein S1 domain and ACE2 interaction in SARS-CoV-2: hints towards possibility of repurposing Kanamycin and Folic acid. *Journal of Molecular Graphics and Modelling. J Mol Graph Model.* 2020 Aug 21;101:107716.

19. Singh A, Kumaravel J, Mahendru D, Yadav M, Kumar H, Prakash A and Medhi B: Hydroxychloroquine drug safety review for the prophylaxis of SARS COV 2 pandemic. *Int J Pharm Sci & Res* 2020; 11(8): 3535-43. doi: 10.13040/IJPSR.0975-8232.11(8).3535-43.
20. Abhinav Choubey¹, Budheswar Dehury², Sunil Kumar³, Bikash Medhi, Prosenjit Mondal. Naltrexone a potential therapeutic candidate for COVID-19. *BJCP* 2020 Naltrexone a potential therapeutic candidate for COVID-19", which you submitted to *Journal of Biomolecular Structure & Dynamics* 2020.
21. Rubel Sigla, Abhishek Misra, Rupa Joshi, Amit Raj Sharma, Phulen Sarma, Ajay Prakash, Bikash Medhi. Human Animal interface of SARS-COV-2(COVID-19) transmission: A critical appraisal of scientific evidences. *Veterinary Research Communication* 2020.
22. Nishant Shekhar, Phulen Sarma, Manisha Prajapat, Pramod Avti, Hardeep Kaur, Anupam Raja, Saurabh Sharma, Subodh Kumar, Ajay Prakash, Prof. Bikash Medhi. : *In silico* Structure-based repositioning of approved drugs for spike glycoprotein S2 domain fusion peptide of SARS-CoV 2: Rationale from molecular dynamics and binding free energy calculations. *mSystems journal of American Society of Microbiology*. 2020; 5(5):e00382-20 (Impact factor 6.8)
23. Ajay Prakash¹, Harvinder Singh¹, Phulen Sarma¹, Anusuya Bhattacharyya³, Deba Prasad Dhibar², Ritu⁴, Manoj Goyal⁴, Manish Modi⁴, Bikash Medhi¹. 2019-nCoV neurological outcome linking with the historical ancestor SARS-CoV & MERS-CoV: A systematic review and meta-analysis. *Scientific Reports* 2020.

16. Whether the achievements have been recognized/awarded by any learned Society/Institution (if so brief outline to be given): Yes (enclosed in Biodata)

Subject of research work presented for the award. Give a brief write up highlighting the scientific contribution and its importance:

Base on Research work on I was selected for:

Awarded **Dr. D N Prasad Memorial Award with Gold medal** 2009 from Indian Council of Medical Research (ICMR), New Delhi. (Awarded in 2013)

- Awarded **Dr. V K Bhargava Award with Gold medal** from National Academy of Medical Sciences (NAMS) 2013
- Awarded **Dr.B N. Ghosh Oration** at 43rd Annual Conference of IPS and International Conference on "Pharmacology & Translational Research" was organized by National Executive

Committee in association with Food and Drug Toxicology Research Centre, National Institute of Nutrition, Hyderabad from 13th – 16th December, 2010.

- **Col. Ram Nath Chopra Oration-December, 2014 in 48th Annual Conference of Indian Pharmacological Society & International Conference in Guwahati, December, 2014.**
- **PK Kar, Oration from IPS-Orrisa Chapter 2017.**
- Awarded International Fellowship from **Alzheimer's Association International Organization (AAIC)**, July 13-18, 2013 at the Boston, USA.
- Awarded International Fellowship from **Alzheimer's Association International Organization (AAIC)**, July 18-23, 2015 at the Washington DC, USA.
- Awarded from Hasanuddin University, Makassar Indonesia for work on complimentary medicine (honey) September, 2013
- Best paper award in PGIMER Research Day Symposium 2014.
- Trained by **DST as Good Laboratory Inspector (GLP) 2010 under GLP Monitoring Authority, Department of Science and Technology, Government of India.**
- Trained by **US-FDA as Good Clinical Inspector (GCP) 2008-2010**
- Investigator Travel award received IN 27th Singapore Congress, July 2007 at Singapore.
- Awarded MAMS by National Academy of Medical Sciences (India) at KGMC, Lucknow on 31st october 2009
- Awarded Bharat Joti Award 2013
- Vikas Ratan Award 2013
- Awarded a Bursary from Organizer Epilepsy Summer School, **VENICE INTERNATIONAL UNIVERSITY, ITALY** to participate in **8th international course on Bridging Basic Knowledge with Rational Prescribing in Epileptology**, which will be held in San Servolo, Venice, Italy from July 18 to 29, 2010.
- Awarded Fellowship to assist participation in the 4th Eilat International Educational Course: **PHARMACOLOGICAL TREATMENT OF EPILEPSY**; Eilat, Israel, September 18-25, 2011 by Jerusalem University
- Awarded Bursary for Manila Epilepsy Congress 22nd to 25th March 2012
- Elected as Secretary Clinical Pharmacology, Indian Society of Pharmacology(IPS), India (2012-2014)
- Investigator award from International Epilepsy Society, Dublin, Ireland, to attend Epilepsy Congress at Singapore, 7-12th July 2007.
- Was selected and awarded a bursary from Organizer Epilepsy Summer School, **VENICE INTERNATIONAL UNIVERSITY, ITALY** to participated in 8th international course on Bridging Basic Knowledge with Rational Prescribing in Epileptology, which will be held in San Servolo, Venice, Italy from July 18 to 29, 2010
- Awarded Best 2nd Prize for paper entitled: Effects of artemisinin, artemether, arteether on the pharmacokinetics of Phenytoin.
- *In International Comprehensive Update on Diagnostic and Therapeutic in Epilepsy and Neuro-Electrophysiology Workshop (CUTE conference), New Delhi, Feb 4&5,2006.*

17. Number of scientific papers published and the reprints of those papers which are to be considered for the present application:

I have published 200 paper including submitted for publications. Some of my important paper related to filed of experimental epilepsy and gastroenterology in included in the present application.

18. Whether you have received any award for the same work or paper earlier; if so give the details on: (i) Name of the award (ii) Year (iii) Value of award (iv) Exact caption of work for which the Prize was awarded

Most of the work in the filed of epilepsy is acknowledge by International Society of Epilepsy. Presently I am applying for the award based on my work on correlation of epilepsy, AD and PK-PD of brain kinetics.

19. If you are a joint author, state precisely what has been your individual contribution to the work:

Not Applicable

20. Give names and designations of all the joint authors, if any, on the work/papers(s) submitted for the award:

My student Dr Subham Misra, Dr Baldeep Kumar, Dr. Ajay Prakash, Biman Saikia

21. State whether for the same work/paper(s) any of the joint authors have received any award. If so, give the names of all the authors, the name of the prize awarded, year of award and its value:

Not Applicable

22. State whether you have applied for any other award for the same or any other work. If so, state the name of the award and the subject of work submitted for the award:

23. Not Applicable

24. (i) List of papers, if any, submitted earlier for any other award

Not Applicable

25. (ii) List of papers published subsequently and now submitted for consideration of the award:

Not Applicable



Prof. Bikash Medhi

Prof. Bikash Medhi

Date and Place