

***CURRICULUM VITAE OF
DR. ARPAN KUMAR MAITI***



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2.	Designation	: Assistant Professor
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6.	Academic qualification	: M.Sc., Ph.D.
7.	Subject specialization	➤ Ecology and Environmental Science, ➤ Biochemistry, ➤ Toxicology, ➤ Cell Biology.
8.	Areas of Research Interest	➤ Mitochondrial dysfunction in diseases ➤ Neurotoxicology ➤ Ecotoxicology ➤ Therapeutics for ulcerative colitis ➤ Therapeutics for neurodiseases and aging

9.	No. of Ph.D. students	: (a) Supervised: 1 (b) Ongoing: 1
10.	No. of M.Phil. Students	: (a) Supervised: NIL (b) Ongoing: NIL
11.	No. of Publications	: (a) Journal(s): 37 (b) Book(s):00 (c) Book Chapter(s): 2

12.	Achievement & Awards:
	<ul style="list-style-type: none"> ➤ <i>Korea Digestive Disease Week 2019 (KDDW-2019) Award</i> – Best paper award in the plenary Session (Seoul, South Korea, November 28th – 30th November 2019) ➤ <i>Visiting Fellowship Funded by Soderbers Foundation</i>, Sweden (2013-2015) ➤ <i>Fulbright-Nehru Post-Doctoral Fellowship</i> (2011-2012-Sponsored by Department of State, Govt. of USA) ➤ <i>2nd World Parkinson Congress travel award (WPC-2010)</i> (2nd Congress , 28th Sep.-1st Oct.2010, Glasgow, Scotland) ➤ <i>International Union of Physiological Sciences [IUPS] travel award</i> (36th IUPS Congress, 27th July-1st Aug,2009, Kyoto, Japan) ➤ <i>Jawaharlal Nehru Memorial Fund Fellowship (JNMF-2009)</i> (sponsored by Jawaharlal Nehru Memorial Trust, New Delhi, India for doctoral studies – not availed) ➤ <i>Order of Merit - M. Sc. Examination 2001</i> (Stood Second in First Class, University of Kalyani, West Bengal, India) ➤ <i>Order of Merit at the B.Sc.(Honours) Examination 1999</i> (Stood Second in First Class, Vidyasagar University, West Bengal, India)

13.	Professional Experience:
	<ul style="list-style-type: none"> ➤ As <i>Assistant Professor</i> from September 2018 till date at Department of Zoology, University of North Bengal, Siliguri, West Bengal, India. ➤ As <i>Assistant Professor</i> from April 2016 – September 2018 at School of Basic and Applied Sciences, Dayananda Sagar University, Bangalore, Karnataka, India. ➤ As <i>Visiting Researcher</i> from February 2013- February 2015 at Department of Medical Biochemistry and Cell Biology, University of Gothenburg, Sahlgrenska Akademin, Sweden. [Mentor: Prof. Sara K Linden] ➤ As <i>Fulbright Post-Doctoral Fellow</i> from September 2011-August 2012 at Department of Physiology, Hypertension and Renal Center of Excellence, Tulane University Health Sciences Center, New Orleans, Louisiana, USA. [Mentor: Prof. D S Majid] ➤ As <i>Ph.D. Research Scholar</i> from 2006-2010 at University of Kalyani, West Bengal, India. [Mentors: Prof. Nimai Chandra Saha; Prof. Gautam Paul] ➤ As <i>Senior Research Fellow</i> at Institute of Post Graduate Medical Education & Research

	<p>(Dr. B C Roy Post-Graduate Institute of Basic Medical Sciences), Kolkata, West Bengal, India, till 2006. [Mentor: Prof. Sasanka Chakrabarti]</p> <p>➤ As Research Fellow from 2002-2003 at University of Calcutta, University College of Medicine, Kolkata, India. [Mentor: Prof. Uttara Chatterjee]</p>

14.	Administrative Experience :
	<p>➤ Associated with UG/PG Examination of the University of North Bengal as Paper Setter/Moderator/Member of Board of Moderation.</p> <p>➤ In the capacity of Custodian of Examinations, Observer of Examinations and Question Paper setter at Dayananda Sagar University, Bangalore, Karnataka, India.</p>

15.	Research Projects			
Name of Agency	Title of project	Total Amount	Period of support	Completed / on-going
Department of Science and Technology (DST), New Delhi, India.	Investigations on intestinal neuropeptides as anti-colitogenic agents on mitochondrial function for the maintenance of colon epithelial tract in ulcerative colitis.	Rs.39,14,158/-	2017-2020	Completed (as PI)
University of North Bengal sponsored research grant, West Bengal, India.	Investigations on the impact of mitochondria - derived peptide Humanin and its analogue for maintenance of colon epithelial tract in ulcerative colitis using <i>in vivo</i> and <i>in vitro</i> models: Search for anti-colitogenic agents	Rs.1,50,000/-	2020-2021	Completed (as PI)
Department of State, Govt. Of USA – For Fulbright Project, USA.	Angiotensin III and peroxynitrite interactions in the kidney.	30,000USD	2011-2012	Completed (as PI)

16.	Selective Publications in Peer-Reviewed Indexed Journals: <p style="text-align: right;">* corresponding author</p>
➤	P Banerjee, P Garai, NC Saha, S Saha, P Sharma, AK Maiti (2023) A critical review on the effect of nitrate pollution in aquatic invertebrates and fish. <i>Water Air and Soil Pollution</i> 234 , 333 (2023). https://doi.org/10.1007/s11270-023-06260-5 [IF-2.9].
➤	M Moniruzzaman, AK Maiti , SB Chakraborty, I Saha, NC Saha (2022) Melatonin ameliorates lipopolysaccharide induced brain inflammation through modulation of oxidative status and diminution of cytokine rush in Danio rerio. <i>Environmental Toxicology and Pharmacology</i> 96 :103983. doi:10.1016/j.etap.2022.103983 [IF-4.3]
➤	P Banerjee, I Saha, D Sarkar, AK Maiti* (2022) Contributions and Limitations of Mitochondria-Targeted and Non-Targeted Antioxidants in the Treatment of Parkinsonism: an Updated Review. <i>Neurotoxicity Research</i> . 40 (3),847-873. DOI: 10.1007/s12640-022-00501-x. [IF-3.911]
➤	D Sarkar, AK Maiti (2022) Virtual Screening and Molecular Docking Studies with Organosulfur and Flavonoid Compounds of Garlic Targeting the Estrogen Receptor Protein for the Therapy of Breast Cancer. <i>Biointerface Research in Applied Chemistry</i> . 13 (1),49-70. DOI:10.33263/BRIAC131.049
➤	Spoorthi BC, Ghosh S, Saha I, More SS, Gautham SA, AK Maiti* (2021) Substance P failed to reverse dextran sulfate sodium induced murine colitis mediated by mitochondrial dysfunction: implications in ulcerative colitis. <i>3 Biotech</i> 11 , 199, DOI: 10.1007/s13205-021-02755-2. [IF-3.20]
➤	Spoorthi BC, SS More, Gautham SA, S Ghosh, I Saha, AK Maiti* (2020) Role of Free Radical Scavenging Activity of Vasoactive Intestinal Peptide in the Attenuation of Mitochondrial Dysfunction to Ameliorate Dextran Sulphate Sodium-Induced Colitis in Mice: Implications in Ulcerative Colitis. <i>Journal of Digestive Diseases</i> . 21 (12), 711-723. DOI: 10.1111/1751-2980.12932. [IF-3.5]
➤	AK Maiti , S Sharba, N Navabi, SK Lindén (2018) Colonic levels of Vasoactive Intestinal Peptide decrease during infection and exogenous VIP protects epithelial mitochondria against the detrimental effects of TNF α and IFN γ induced during <i>Citrobacter rodentium</i> infection. <i>Plos One</i> 13 (9):e0204567. doi: 10.1371/journal.pone.0204567 [I.F.-3.24]
➤	AK Maiti* , Spoorthi BC, Saha NC, Panigrahi AK (2018). Mitigating peroxynitrite mediated mitochondrial dysfunction in aged rat brain by mitochondria-targeted antioxidant MitoQ. <i>Biogerontology</i> . 2018 May 17. doi: 10.1007/s10522-018-9756-6.[IF-4.8]
➤	K Dhara, NC saha, AK Maiti* (2017) Studies on acute and chronic toxicity of cadmium to fresh water snail <i>Ltmnea acuminata</i> (Lamark) with special reference to behavioural and haematological changes. <i>Environmental Science Pollution Research</i> 24 (35): 27326-27333. Doi: 10.1007/s11356-017-0349-8. [I.F-5.8]
➤	BC Spoorthi, Gautham SA, Sunil S More, AK Maiti* (2018) Nutraceuticals: potential therapeutic agents for the treatment and prevention of cardiovascular diseases. <i>Journal of Pharmacy Research</i> 12 (2):231-242. [I.F.-0.89]

➤	AK Maiti* , NC Saha, G Paul, K Dhara (2018) Mitochondrial respiratory chain inhibition and Na ⁺ K ⁺ ATPase dysfunction are determinant factors modulating the toxicity of nickel in the brain of indian catfish <i>Clarias batrachus</i> L. <i>Interdisciplinary Toxicology</i> 11 (2):101-110. [IF-0.52]
➤	AK Maiti* , N C Saha, S S More, A K Panigrahi and G Paul. (2017) Neuroprotective efficacy of mitochondrial antioxidant MitoQ in suppressing peroxynitrite mediated mitochondrial dysfunction inflicted by lead toxicity in rat brain. <i>Neurotoxicity Research</i> 31 (3): 358-372. doi: 10.1007/s12640-016-9692-7 [IF-3.911]
➤	N Mukherjee, DR Vayeda, BC Spoorthi, AK Maiti* (2017) Neurotherapeutic efficacy of nutraceuticals in combating Parkinson's disease: A promising alternative. <i>Journal of Pharmacy Research</i> 11(9): 1127-1134. [I.F.-0.89]
➤	AK. Maiti , Mohammed T. Islam, Ryousuke Satou and Dewan S. A. Majid (2016). Enhancement in cellular Na ⁺ K ⁺ ATPase activity by low doses of peroxynitrite in mouse renal tissue and in cultured HK2 cells. <i>Physiological Reports</i> 4(3): e12766, doi: 10.14814/phy2.12766. [IF-2.61]
➤	AK. Maiti , S Sharba, N Navabi, H Forsman, HR Fernandez and S K Linden (2015).IL-4 protects the mitochondria against TNF alpha and IFN gamma induced insult during clearance of infection with citrobacter rodentium and Escherichia coli. <i>Scientific Reports</i> 10/2015; 5:15434. DOI:10.1038/srep15434 [IF-4.37]
➤	AK Maiti , MT Islam and Dewan SA Majid (2012). Enhancement of cellular Na ⁺ K ⁺ ATPase activity in the mouse renal tissue <i>in-vitro</i> with low concentration of peroxynitrite. <i>FASEB J</i> March 29, 26:885.4. [I.F-5.04]
➤	AK Maiti , NC Saha and G Paul (2010). Effect of lead on oxidative stress, Na ⁺ K ⁺ ATPase activity and mitochondrial electron transport chain activity of the brain of <i>Clarias batrachus</i> L. <i>Bulletin of Environmental Contamination and Toxicology</i> 84 (6):672-676. [IF-2.7]
➤	AK Maiti , G Paul, B Maity, D Mazumdar and NC Saha (2009). Chromium III exposure inhibits brain Na ⁺ K ⁺ ATPase activity of <i>Clarias batrachus</i> L. involving lipid peroxidation and deficient mitochondrial electron transport chain activity. <i>Bulletin of Environmental Contamination and Toxicology</i> 83(4):479-483.[IF-2.7]
➤	AK Maiti , K Ghosh, U Chatterjee, S Chakrabarti, S Chatterjee and Samik Basu (2008). Epidermal growth factor receptor and proliferating cell nuclear antigen in astrocytomas. <i>Neurology India</i> 56 (4):421-428. [IF-2.70]
➤	MB Bagh, AK Maiti , A Roy and S Chakrabarti (2008).Dietary supplementation with N-acetyl cysteine , alpha-tocopherol and alpha-lipoic acid prevents age related decline in Na ⁺ K ⁺ ATPase activity and associated peroxidative damage in rat brain synaptosomes. <i>Biogerontology</i> 9:421-428. [IF-4.8]
➤	B Bagh , AK Maiti , S Jana , K Banerjee , A Roy and S Chakrabarti (2008). Quinone and oxyradical scavenging properties of N-acetylcysteine prevent dopamine mediated inhibition of Na ⁺ K ⁺ ATPase and mitochondrial electron transport chain activity in rat brain: Implications in the neuroprotective therapy of Parkinson's disease. <i>Free Radical Research</i> 42 (6):574-581. [IF-4.14]
➤	D Bhattacharya, AK Bera, DC Bera, AK Maiti and S K Das (2007).Genotypic characterization of Indian cattle, buffalo and sheep isolates of <i>Echinococcus granulosus</i> . <i>Veterinary Parasitology</i> 143:371-374. [IF-2.73]
➤	S Jana, AK Maiti , MB Bagh , K Banerjee , A Roy, A Das and S Chakrabarti (2007).Dopamine but not 3,4-dihydroxyphenylacetic acid (DOPAC) inhibits rat brain respiratory chain activity by autoxidation and mitochondria catalysed oxidation to quinone products : Implications in Parkinson's Disease. <i>Brain Research</i> 1139:195-200. [IF-3.25]
➤	F H Khan , T Sen , AK Maiti , Sirsendu Jana , U C Chatterjee and S Chakrabarti (2005).Inhibition of rat brain mitochondrial electron transport chain activity by dopamine oxidation products during extended in vitro incubation : Implications in Parkinson's Disease. <i>Biochimica et Biophysica Acta (Bioenergetics)</i> 1741:65-74.[IF-5.08]

17.	Book Chapters:			
SL. No.	Title	Author's Name	Publisher	Year
01	Detection and Treatment of Pesticide Induced Mitochondrial Diseases: Challenges Galore - In book: Research Trends in Life Sciences (pp.71-84)	Maiti AK	AkiNik Publications, Paperback ISBN: 978-93-90322-67-1, E-Book ISBN: 978-93-90322-68-8.	2020
02	Management of Ulcerative Colitis: Present and Future Treatments - In book: Research Trends in Medical Sciences (pp.29-42)	Maiti AK, Spoorthi B.C., Ghosh S, Saha I	AkiNik Publications, Paperback ISBN: 978-93-90322-03-9, E-Book ISBN: 978-93-90322-04-6.	2020

18.	Abstracts Published in National /International Symposiums:
➤	AK Maiti, Spoorthi BC, SS More, Gautham SA, SGhosh, ISaha (2021). Exogenous Vasoactive Intestinal Peptide Maintains Colon Mucosal Lining in Experimental Murine Model and Reverses Colon Mitochondrial Dysfunction by Scavenging Superoxide and Hydroxyl Radicals: Implications in Ulcerative Colitis. 3 rd International Conference on Medical and Health Sciences, Bingol, Turkey, 24 th -25 th Dec.2021, page no.167.
➤	Spoorthi BC, SS More, Gautham SA., SGhosh, ISaha, AK Maiti (2019). Exogenous Vasoactive Intestinal Peptide Reverses Colon Mitochondrial Dysfunction by Scavenging Superoxide and Hydroxyl Radicals and Maintains Colon Mucosal Lining in Experimental Colitis Models: Implications in Ulcerative Colitis. 4 th Regional Science & Technology Congress (Western Region) 2019 organised by University of Burdwan, 12 th -13 th Dec.2019.
➤	AK Maiti, Spoorthi BC, SS More, Gautham SA (2019). Exogenous Vasoactive Intestinal Peptide Maintains Colon Mucosal Lining in Experimental Colitis Models by Attenuating Colonic Mitochondrial Dysfunction through Scavenging of O ₂ ⁻ and •OH radicals: Implications in Ulcerative Colitis. Korea Digestive Disease Week (KDDW 2019) at Seoul, South Korea. 28 th Nov.-30 th Nov. 2019, Gut and Liver, 13(6-1), Page no.4
➤	AK Maiti, BC Spoorthi , NC Saha , AK Panigrahi (2018). Targeting therapeutic potential of mitochondrial antioxidant MitoQ to combat peroxynitrite mediated mitochondrial dysfunction in aged rat brain. IAN 2018 International Conference of Neuroscience & XXXVI Annual meeting of Indian Academy of Neurosciences, Page No. 180, Organised by Department of Zoology, Banaras Hindu University, Varanasi, India, Oct 29 th -31 st 2018.
➤	Spoorthi BC, Gautham SA, AK Maiti (2017). Pesticide-Induced Mitochondrial Diseases: A mini overview. International conference on Potential impact of pesticides on Environment and Human health (ICPIPEHH-2017). PP2-10 page no. 118. Organized by Dayananda Sagar

	University, Bangalore, November 2 nd to 4 th 2017.
➤	Spoorthi BC, Gautham SA, Sunil S More, AK Maiti (2017). Nutraceuticals and Cardiovascular Vascular Diseases. International conference on Technology in Redefining Health (ICONTRH-2017). CH005 Page No. 29, Organized by Mount Carmel College, Bangalore, November 21 st to 23 rd 2017.
➤	DR Vayeda, N Mukherjee, AK Maiti (2017) Nutraceuticals in Prevention and Treatment of Alzheimer's Disease. Bioessence Integrated Health Care. 11 th -12 th January 2017, Jwoti Niwas College, Bangalore, India.
➤	N Mukherjee, DR Vayeda, AK Maiti (2017). Therapeutic Value of Nutraceuticals in Parkinson's Disease. Bioessence Integrated Health Care. 11 th -12 th January 2017, Jwoti Niwas College, Bangalore, India.
➤	AK Maiti (2017). 'Neuromusicotherapy : A Better Alternative ?', Symposium on Neuroscience organized by Cognitive Psychology and Cognitive Neurosciences Laboratory, Department of Clinical Psychology, NIMHANS, Bangalore on 15 th March, 2017.
➤	AK Maiti (2016). One day workshop on 'Advanced pedagogy techniques' held at St. Joseph's College, Bangalore on 3 rd -4 th Dec'2016 organized by India Bioscience, NCBS.
➤	AK Maiti , SK. Linden (2016) Vasoactive Intestinal Peptide protects mitochondria against the detrimental effects of TNF alpha and IFN gamma induced during <i>Citrobacter rodentium</i> infection with partial alleviation of colitis. Proceedings of 7 th World Congress on Targeting Mitochondria, Oct 24 th -26 th 2016, Berlin, Germany. WMS Volume 2, Year 2016, DOI: 10.18143/JWMS_v2i2_1917
➤	AK Maiti , SK Linden (2016). Vasoactive Intestinal Peptide protects mitochondria in colon epithelia against proinflammatory cytokines in <i>Citrobacter rodentium</i> infection: Implications in Inflammatory bowel disease. Proceedings of Advances in Inflammatory Bowel Diseases. 8 th to 10 th Dec 2016, Orlando, Florida, USA.
➤	AK Maiti , NC. Saha, G Paul (2016). Zinc Neurotoxicity Inflicts Mitochondrial Dysfunction in the Brain of <i>Clarias batrachus</i> L.: Implication in fish death. International Conference on Public Mental Health and Neurosciences. 14 to 15 th Dec 2016, Bangalore, India.
➤	MTIslam, AK Maiti , R Sato, DSA DSA Majid (2013). Inhibition of nitric oxide generation enhances superoxide production in cultured HK2 and M1 cells. FASEB Journal 04/2013; (27):704.11.
➤	AK Maiti , MT Islam, R Satou, DSA Majid (2012). Involvement of Peroxynitrite Formation in Angiotensin II Induced Changes in Na ⁺ K ⁺ ATPase Activity in HK2 Cells . Hypertension 09/2012.
➤	AK Maiti , MB Bagh, S Jana, S Chakrabarti, NC Saha and G Paul (2010). N-acetyl-L-cysteine prevents dopamine toxicity in PC12 cells: Role of toxic quinones. Proceedings of 2 nd World Parkinson Congress, Mov. Disorder 25 (3), S621.
➤	AK Maiti , G Paul and NC Saha (2009). Inhibition of mammalian brain Na ⁺ K ⁺ ATPase exposed to Zn ²⁺ : Role of lipid peroxidation and mitochondrial electron transport chain activity. Proceedings of the XXXVI International Congress of Physiological Sciences (IUPS2009) Function of Life: Elements and Integration, Kyoto, Japan. J. Physiol. Sci. 59 (S1), 384.
➤	G Paul, AK Maiti and NC Saha (2009). Role of lipid peroxidation and mitochondrial electron transport chain on the Na ⁺ K ⁺ ATPase activity in rat brain exposed to Ni ²⁺ . Proceedings of the XXXVI International Congress of Physiological Sciences (IUPS2009) Function of Life: Elements and Integration, Kyoto, Japan. J. Physiol. Sci. 59 (S1), 291.
➤	AK Maiti , N C Saha and G Paul (2009). Oxidative stress induced inhibition of rat brain Na ⁺ K ⁺ ATPase exposed to Ni ²⁺ ions : Involvement of lipid peroxidation and deficient mitochondrial electron transport chain activity. Proceedings of 'XXI Annual Conference &

	Platinum Jubilee Celebration of the Physiological Society of India & International Conference on Integrative Physiology : Modern Perspective' organized by Dept. of Physiology, University of Calcutta, Kolkata, 12 th – 14 th Nov., 2009, Abs 192.
➤	AK Maiti , G Paul and N C Saha (2009). Effect of lead toxicity on oxidative stress, Na ⁺ K ⁺ ATPase and mitochondrial electron transport chain activity of mammalian brain. Proceedings of 'School and Symposium on Advanced Biological Inorganic Chemistry (SaBIC 2009) – Dr Homi Bhaba Birth Centenary Commemoration Event' organized by Tata Institute of Fundamental Research, Mumbai, Nov.2 nd – 7 th ,2009, Abs 207-209.
➤	G Paul, AK Maiti and N C Saha (2009). Inhibition of Na ⁺ K ⁺ ATPase and mitochondrial electron transport chain activity in mammalian brain by mercury induced oxidative stress. Proceedings of 'School and Symposium on Advanced Biological Inorganic Chemistry (SaBIC 2009) – Dr Homi Bhaba Birth Centenary Commemoration Event' organized by Tata Institute of Fundamental Research, Mumbai, Nov.2 nd – 7 th , 2009, Abs 176-178.
➤	M B Bagh, AK Maiti , A Roy and S Chakrabarti (2007). Dietary supplementation with N-acetylcysteine, alpha-tocopherol and alpha-lipoic acid prevents age related decline in Na ⁺ K ⁺ ATPase activity and associated peroxidative damage in rat brain synaptosomes. International Symposium on advances in neurosciences & Silver jubilee conference of Indian Academy of Neurosciences , Nov 22 nd – 25 th , 2007, organized by Department of Zoology , Banaras Hindu University , Varanasi, Abst p73.
➤	AK Maiti , M B Bagh , S Jana , K Banerjee , Dipak Gayen , A Roy and S Chakrabarti (2007). Inhibition of rat brain synaptosomal Na ⁺ K ⁺ ATPase by dopamine oxidation products : Protective action of n-acetylcyeteine and other quinone scavengers. 3 rd International Symposium on 'Neurodegeneration and Neuroprotection' & Society for Neurochemistry (India) Meeting . January 8 th – 9 th ,organized by Indian Institute of Chemical Biology (IICB) , Jadavpur, Kolkata.Abst. p35.
➤	S Chakrabarti , S Jana , AK Maiti , A Roy , M B Bagh , K Banerjee and Dipak Gayen (2006). Dopamine induced damage to rat brain mitochondria and the protective action of thiol compounds : Implications in the therapy of Parkinson's disease. International Update on Basic and Clinical Research & XXIV Annual Conference on Indian Academy of Neurosciences , Dec 17 th – 20 th , 2006, Lucknow.Abst p49.
➤	S Jana, AK Maiti , K Banerjee, A Das, MB Bagh and S Chakrabarti (2006).Comparison of the effects of dopamine and 3,4 dihydroxyphenyl acetic acid (DOPAC) on rat brain mitochondrial respiratory chain activity reveals a new pathway of dopamine oxidation by mitochondria. International Conference on Free Radicals and Antioxidants in Health , Disease and Radiation & Annual Conference of Society for Free Radical Research – India (SFRR- India) , Abst. p27.
➤	K Banerjee, S Jana, AK Maiti , M B Bagh , U Chatterjee and S Chakrabarti (2005).Dopamine induced protein damage in rat brain membrane fractions : Protective action of reduced glutathione and MAO inhibitors. 3 rd Regional Conference of Eastern Zone ACBI with Bangladesh , Nepal , Bhutan and Myanmar.Abst. p89.
➤	K Banerjee, S Jana, AK Maiti , M B Bagh , U Chatterjee and S Chakrabarti (2005).Monoamine Oxidase (MAO) inhibitors prevent dopamine induced protein damage in rat brain synaptosomal fraction : Implications in Parkinson's disease. Association of Medical Biochemists of India, p6.