



ENLIGHTENMENT TO PERFECTION

UNIVERSITY OF NORTH BENGAL

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Raja Rammohunpur, Dist- Darjeeling, West Bengal, Pin-734013, India.

Department of Zoology

Print



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Subject specialization: Cell and Molecular Biology

Areas of Research Interest: Molecular Virology, Genetic Diversity, Cell Biology

No. of Ph.D. students: (a) Supervised: 02 (b) Ongoing: 05

No. of M.Phil. students: (a) Supervised: NA (b) Ongoing: NA

No. of Publications: (a) Journal(s) : 50 (b) Book(s) : 02 (c) Book chapter(s): 03

Achievement & Awards:

- NET (CSIR-JRF)
- GATE
- National Scholarship (CU)

Professional Experiences:

- UG teaching (2000 to 2007)
- Reader, Department of Zoology, University of North Bengal, Raja Rammohunpur, District Darjeeling – 734 013 (2009 to 2012).
- Associate Professor, Department of Zoology, University of North Bengal, Raja Rammohunpur, District Darjeeling – 734 013 (2012 to 2015).
- Professor, Department of Zoology, University of North Bengal, Raja Rammohunpur, District Darjeeling – 734 013 (2015 onwards).

Administrative Experiences:

- Head, Department of Zoology (October, 2017-September, 2019)
- Member, University Online Admission Committee (2017 onwards)

Major Research Projects undertaken:

- CSIR, UGC, DBT-WB, NBU Research Projects, Departmental Programs (DST-FIST, UGC-SAP)

Selective List of Publications:

Published Books & Book Chapters:

1. Mukhopadhyay, T. & **Bhattacharjee, S.** North Bengal: a Glimpse of its Biological and Socio-economical Wealth. In *Problems and Prospects of Development in North East India*, eds. Niranjan Bhattacharjee and Dipendra Kumar Sarmah. Synergy Books India, New Delhi, pp 39-62. (ISBN-13: 9789382059653). [Date of Publication- November, 2017].
2. Mukhopadhyay, T. & Bhattacharjee, S. 2016. Genetic Diversity: Its Importance and Measurements. In *Conserving Biological Diversity: A Multiscaled Approach*, eds. Aabid Hussain Mir and Nazir Ahmad Bhat. Research India Publication, New Delhi, pp 251-295. (ISBN: 978-93-86138-00-2).
3. Mukhopadhyay, T. & Bhattacharjee, S. (2015). DNA Fingerprinting in Conservational Research on Ichthyofauna. In *Animal Diversity, Natural History and Conservation*, eds. V. K. Gupta and A. K. Verma, Vol. 5 (Chapter 13): 177-211. Daya Publishing House, New Delhi (Indian ISBN: 9789351246169; International ISBN: 9789351306610).
4. Bhattacharjee, S. (2011): Biology and Evolutionary Interrelationships of Polyomaviruses. Lambert Academic Publishing, GmbH and Co. KG, Dudweiler Landstraße 99, 66123 Saarbrücken, Germany (ISBN: 978-3-8454-4424-6).
5. Bhattacharya & Sinha (2006). A Text Book of Immunology (Basic, Cellular & Molecular Approach). Academic Publishers, Kolkata, India (ISBN: 81-89781-09-X).

Published Research Articles:

1. Lala, M., Modak, D., Paul, S., Sarkar, I., Dutta, A., Kumar, A., **Bhattacharjee, S.** & Sen, A. Potent bioactive methanolic extract of wild orange (*Citrus macroptera* Mont.) shows antioxidative, anti-inflammatory, and antimicrobial properties in *in vitro*, *in vivo*, and *in silico* studies. *Bulletin of the National Research Centre* 48: 81. [SpringerOpen] [ISSN: 2522-8307] Doi: doi.org/10.1186/s42269-020-00329-5 [Available Online- 29th May, 2020].
2. Paul, S., Modak, D., Dutta, S., Chaudhuri, T. K. & **Bhattacharjee, S.** 2019. Evaluation of the effectiveness of *Acmella uliginosa* (Sw.) Cass. flower methanolic extract in pain amelioration and memory impairment in the experimental rat models: search for an alternative remedy over opioid painkillers. *Pharmacognosy Magazine* 15 (64) (Suppl. 2): S335-45. [Wolters Kluwer-Medknow Publications and Media Pvt. Ltd., Mumbai, India] [ISSN: 0973-1296 (Print)/eISSN: 0976-4062 (Online)] Doi: 4103/pm.pm_71_19 [Available Online 23rd Aug, 2019]
3. Das, K., Paul, S., Modak, D., Mahato, B., **Bhattacharjee, S.** and Roy, M. N. Synthesis, Characterization, and Comparison of Host-Guest Complexes of β -CD with Vitamins Explored through their Biological Activities. *ACS Omega* 4 (4): 7151-7175. [American Chemical Society, USA] [ISSN: 2470-1343 (Online)]. [Doi: 10.1021/acsomega.8b03574] [Available Online Publication- 19th April, 2019]
4. Roy, N., Das, K., Dey Bhowmick, U., **Bhattacharjee, S.** and Roy, M. N. Biological activity and variation of toxicity of Probenecid in diverse solvent systems probed by physicochemical investigation. *Indian Journal of Advances in Chemical Science* 6 (4): 193-199. [KROS Publications, Andhra Pradesh, India] [ISSN: 2320-0898 (Print)/ISSN: 2320-0928 (Online)]. [Doi: 10.22607/IJACS.2018.604004] [Available Online- 21st February, 2019]
5. Dutta, T., Nayak, C. & **Bhattacharjee, S.** Acetylcholinesterase, Butyrylcholinesterase and Glutathione S-Transferase enzyme activities and their correlation with genotypic variations based on GST M1 and GST T1 loci in long term-exposed tea garden workers of sub-Himalayan West Bengal. *Toxicology and Environmental Health Sciences*: 11 (1): 63-72. [The Korean Society of Environmental Risk Assessment and Health Science and Springer Nature, Switzerland] [ISSN: 2005-9752 (Print)/ISSN: 2233-7784 (Online)]. [Doi: 10.1007/s13530-019-0389-1] [Available Online- 10th April, 2019]
6. Mukhopadhyay, T. & **Bhattacharjee, S.** Genetic diversity and population structure analyses of threatened *Amblyceps mangois* from sub-Himalayan West Bengal, India through RAPD and ISSR fingerprinting. *Croatian Journal of Fisheries* 77: 33-50. [University of Zagreb, Department of Fisheries, Beekeeping, Game Management and Special Zoology, Zagreb, Croatia] [ISSN: 1330-061X (Print)/ISSN: 1848-0586 (Online)]. [Doi: 10.2478/cjf-2019-0004] [Available Online- 8th February, 2019]
7. Paul, S., Chakraborty, A. K., Modak, D., Sen, A. & **Bhattacharjee, S.** 2018. *In vivo* and *in silico* approaches to investigate the toxicological and analgesic properties of unprocessed *Aloe vera* gel in experimental rat models. *Archives of Biological Sciences* 70 (4): 727-735. [Serbian Biological Society, Belgrade, Serbia] [ISSN: 1821-4339 (Print)/eISSN: 1821-4339 (Online)] Doi: <https://doi.org/10.2298/ABS180524036P> [Available Online- 9th Aug, 2018]
8. Sultana, S. S., Ghosh, J., Chakraborty, S., Mukherjee, D., Dey, S., Mallick, S., Dutta, A., Paloi, S., Khatua, S., Dutta, T., **Bhattacharya, S.**, Acharya, K., Ghorai, N., Pal, C. 2018. Selective *in vitro* inhibition of *Leishmania donovani* by a semi-purified fraction of wild mushroom *Grifola frondosa*. *Experimental Parasitology* 192: 73-84. [Elsevier Inc.] (ISSN: 0014-4894) [Available Online- 21st July, 2018]
9. Dey Bhowmick, U. & **Bhattacharjee, S.** Bacteriological, clinical and virulence aspects of *Aeromonas*-associated diseases in human. *Polish Journal of Microbiology* 67 (2): 137-149. [Polish Society of Microbiologists, Warsaw, Poland] [ISSN: 2544-4646 (Online); ISSN: 1733-1331 (Print)] Doi: 10.21307/pjm-2018-020 [Available Online- 28th May, 2018]
10. Mukhopadhyay, T. & **Bhattacharjee, S.** Analyses of genetic diversity of *Badis badis* (Hamilton-Buchanan 1822) from three riverine systems in sub-Himalayan biodiversity hotspot of West Bengal, India using RAPD and ISSR fingerprinting. *Genetika* 50 (3): 771-790. [Serbian Genetics Society, Belgrade, Serbia] [ISSN: 0534-0012 (Print)/ISSN: 1820-6069 (Online)]. [Doi: <https://doi.org/10.2298/GENSR1803771M>] [Available Online- 26th December, 2018]
11. Singh, S., **Bhattacharjee, S.** & Bahadur, M. Cyp1A specific ethoxyresorufin-*o*-deethylase (EROD) activity in *Danio rerio* experimentally exposed to sublethal dose of Chlorpyrifos. *North Bengal University Journal of Animal Sciences* 12: 37-43. [Department of Zoology, University of North Bengal, West Bengal, INDIA] [ISSN: 0975-1424] [Available Online-31st December, 2018]
12. Modak, D., Paul, S. & **Bhattacharjee, S.** 2017. Anti-inflammatory activity of *Acmella uliginosa* (Sw.) Cass. flower methanolic extract on membrane stabilization and protein denaturation: an *in vitro* evaluation. *North Bengal University Journal of Animal Sciences* 11: 61-69. [Department of Zoology, University of North Bengal, West Bengal, INDIA] (ISSN: 0975-1424) [Available Online - 28th December, 2017]
13. Dey Bhowmick, U. & **Bhattacharjee, S.** 2017. Status of antibiotic resistance in the aeromonads of North Bengal with a special reference to change in resistance pattern through altitudinal gradient. *North Bengal University Journal of Animal Sciences* 11: 51-59. [Department of Zoology, University of North Bengal, West Bengal, INDIA] (ISSN: 0975-1424) [Available Online - 28th December, 2017]
14. Singh, S., Bahadur, M., **Bhattacharjee, S.** & Pal, J. 2017. Acute toxicity of Chlorpyrifos to Zebrafish, *Danio rerio* (Cyprinidae). *North Bengal University Journal of Animal Sciences* 11: 45-49. [Department of Zoology, University of North Bengal, West Bengal, INDIA] (ISSN: 0975-1424) [Available Online - 2th December, 2017]
15. Singh, S., **Bhattacharjee, S.**, Pal, J. & Bahadur, M. 2017. Assessment of pesticide residues in water and sediments of Changa, Manza and Tepu Rivers flowing through the Terai region of West Bengal, India. *Pollution Research* 36 (3): 531-540. [EM International, Pune, INDIA] [ISSN: 0257-8050] [Available Online - December, 2017]
16. Paul, S., Dutta, T., Chaudhuri, T. K. & **Bhattacharjee, S.** Curative and protective properties of crude gel of *Aloe vera* from sub-Himalayan West Bengal in chronic and acute inflammatory rat models. *Indian Journal of Traditional Knowledge* 16(1): 121-127. [NISCAIR, CSIR, INDIA] [ISSN: 0975-1068 (Online); 0972-5938 (Print)] [Available Online - 11th November, 2016]
17. Mukhopadhyay, T. & **Bhattacharjee, S.** Genetic Characterization of *Barilius barna* (Hamilton, 1822) in the Teesta river of sub-Himalayan West Bengal, India, through RAPD and ISSR fingerprinting. *Proceedings of the Zoological Society*. [Springer-Verlag, Germany & Zoological Society, Kolkata, India] [ISSN: 0373-5893 (Print)/ISSN: 0974-6919 (Online)]. [doi: 10.1007/s12595-016-0191-x] [Available Online - 4th November, 2016]
18. **Bhattacharjee, S.** & Chattaraj, S. 2017. Entry, infection, replication and egress of human Polyomaviruses: an update. *Canadian Journal of Microbiology* 63 (3): 193-211. [Canadian Science Publishing (NRC Research Press) and Canadian Society of Microbiologists, Ottawa, Canada] [ISSN: Print: 0008-4166, Online: 1480-3275]. [doi: 10.1139/cjm-2016-0519] [Available Online -29th October, 2016]
19. Chakraborty, S., Chaudhuri, A., Dutta, T., Ghosh, J., Saha, S. K., Biswas, S., Chakraborty, S., **Bhattacharjee, S.**, Pal, C., Chakrabarti, I., Chowdhury, H., and Ghorai, N. 2016. Isolation of a major host plant-terpenoid and its probable impact on the degenerative growth of female Indian lac insect, *Kerria lacca* (Kerr.). *Journal of Entomology and Zoology Studies* 4(4): 1351-1358. [Journal of Entomology and Zoology Studies, New Delhi, Bhutan, Ukraine, Syria, Egypt, Palestine, Pakistan] (e-ISSN: 2320-7078/p-ISSN: 2349-6800). [Available Online: August, 2016]
20. Chakraborty, S., Dutta, T., Rai, K., Ghosh, J., Saha, S. K., Biswas, S., **Bhattacharjee, S.**, Pal, C., Chowdhury, H., Chakrabarti, I. and Ghorai, N. 2016. Preliminary investigation on terpenoids present in the bark of major host plants, and lac-encrustations made by the Indian lac insect *Kerria lacca* (Kerr.) with respect to host plant selections. *Journal of Entomology and Zoology Studies* 4(4): 591-594. [Journal of Entomology and Zoology Studies, New Delhi, Bhutan, Ukraine, Syria, Egypt, Palestine, Pakistan] (e-ISSN: 2320-7078/p-ISSN: 2349-6800) [Available Online: 7th July, 2016]
21. Paul, S., Sarkar, S., Dutta, T. & **Bhattacharjee, S.** Assessment of anti-inflammatory and anti-arthritic properties of *Acmella uliginosa* (Sw.) Cass. based on experiments in arthritic rat models and qualitative GC/MS analyses. *Journal of Intercultural Ethnopharmacology* 5(3): 257-262. [SAGEYA Publishing Company, Ankara, Turkey] (ISSN: 2146-8397) [Available Online: 30th May, 2016]
22. Mukhopadhyay, T. & **Bhattacharjee, S.** 2016. Locus specific genetic diversity and population differentiation analysis of *Badis badis* (Hamilton-Buchanan, 1822) in sub-Himalayan West Bengal, India. *International Journal of Aquaculture* 6 (4): 1-9. [BioPublisher & Sophia Publishing Group Inc., British Columbia, Canada] [ISSN: 1927-5773 (Online)]. [http://doi: 10.5376/ija.2016.06.0004] [Available online: 26th April, 2016]

23. Paul, S., Dutta, T. & **Bhattacharjee, S.** Identification of phytochemicals from hexane soluble fraction of wild *Aloe vera* (L.)Burm. F. gel collected from University of North Bengal campus through GC-MS analysis. *North Bengal University Journal of Animal Sciences* 9: 9-13. [Department of Zoology, University of North Bengal, West Bengal, INDIA] (ISSN: 0975-1424). [Available online- 30th December, 2015]
24. **Bhattacharjee, S.** 2015. Recent advances in Host-Virus Interactomics during entry and infection. *Viral Adaptation and Treatment* 7: 57-66. [Dove Medical Press, UK] [ISSN: 1179-1624 (Online)]. [Doi: <http://dx.doi.org/10.2147/VAAT.S60265>] [Available online: 1st December, 2015]
25. Guha, P., Das, A., Dutta, S., **Bhattacharjee, S.**, & Chaudhuri, K. 2015. Study of Genetic Diversity of KIR and TLR in the Rabhas, an endogamous primitive tribe of India. *Human Immunology* 76 (11): 789-794. [Elsevier & American Society for Histocompatibility and Immunogenetics (ASHI), NJ 08054] (ISSN: 0198-8859). [<http://dx.doi.org/10.1016/j.humimm.2015.09.024>]. (Available online: 30th September, 2015)
26. Singh, S., Bhutia, D., Sarkar, S., Rai, B. K., Pal, J., **Bhattacharjee, S.** & Bahadur, M. 2015. Analyses of pesticide residues in water, sediment and fish tissue from river Deomoni flowing through the tea gardens of Terai region of West Bengal, India. *International Journal of Fisheries and Aquatic Studies* 3 (2): 17-23. [ISSN: Print: 2394-0506, Online: 2347-5129] (Available online: 19th September, 2015)
27. Mukhopadhyay, T. & **Bhattacharjee, S.** 2015. Population and hierarchical genetic structure of *Badis badis* (Hamilton-Buchanan, 1822) in sub-Himalayan Terai region of West Bengal, India. *International Journal of Aquaculture* 5 (27): 1-10. [BioPublisher & Sophia Publishing Group Inc., Canada] [ISSN: 1927-5773 (Online)] [<http://doi.org/10.5376/ija.2015.05.0027>](Available online: 9th September, 2015)
28. Paul, S., Das, A. P. & **Bhattacharjee, S.** 2015. Rheumatoid arthritis: molecular basis and cures from nature. *International Journal of Pharmacy and Pharmaceutical Sciences* 7 (7): 30-39. [Innovare Academic Sciences, MP, India] (ISSN: 0975-1491). (Available online: 1st July, 2015)
29. Chattaraj, S., Nirmal Kumar Bera, Chandan Dutta & **Bhattacharjee, S.** 2015. Quantification of human Polyomavirus JC virus load in urine and blood samples of healthy tribal populations of North-Eastern part of West Bengal, India. *Indian Journal of Medical Microbiology* 33 (4): 491-495. [Medknow Publications and Media Pvt. Ltd./Wolters Kluwer and Indian Association of Medical Microbiologists (IAMM), India] (ISSN: Print: 0255-0857, Online: 1998-3646) (Available Online: 16th October, 2015)
30. Guha, P., Paul, S., Das, A., Halder, B., **Bhattacharjee, S.**, Chaudhuri, T. K. 2014. Analyses of human and rat clinical parameters in Rheumatoid Arthritis raise the possibility of use of crude *Aloe vera* gel in disease amelioration. *Immuno Research* 10: 081. [Omics Publishing Group, USA & International Immunomics Society] (ISSN: 1745-7580) [doi: 10.4172/17457580.1000081]. (Available Online: 22nd November, 2014)
31. Mukhopadhyay, T. & **Bhattacharjee, S.** Study of the genetic diversity of the ornamental fish *Badis badis* (Hamilton-Buchanan, 1822) in the Terai region of sub-Himalayan West Bengal, India. *International Journal of Biodiversity* Volume 2014, Article ID 791364, 10 pages. [Hindawi Publishing Corporation, USA] [ISSN: 2314-4149 (Print)/2314-4157(Online)/DOI: <http://dx.doi.org/10.1155/2014/791364> (Available Online: 6th November, 2014)
32. Paul, S., Dutta, S., Chaudhuri, T. K. & **Bhattacharjee, S.** Anti-inflammatory and protective properties of *Aloe vera* leaf crude gel in carrageenan induced acute inflammatory rat models. *International Journal of Pharmacy and Pharmaceutical Sciences* 6(9): 368-371. [Innovare Academic Sciences, MP, India] (ISSN: 0975-1491) (Available Online: 1st October, 2014)
33. Guha, P., **Bhattacharjee, S.** & Chaudhuri, T. K. 2014. Diversity of Killer Cell Immunoglobulin-like Receptor (KIR) genes in the Bengali population of Northern West Bengal, India. *Scandinavian Journal of Immunology*. [John Wiley & Sons Ltd] (Online ISSN: 1365-3083) (Available Online: 9th September, 2014)
34. Chattaraj, S. & **Bhattacharjee, S.** 2014. Molecular analysis of JC polyomavirus genotypes circulating among Tribal populations of North-Eastern West Bengal, India. *Polish Journal of Microbiology* 63(2): 191-201. [Polish Society of Microbiologists, Warsaw, Poland] (ISSN: 1733-1331)
35. Mukhopadhyay, T. and **Bhattacharjee, S.** 2014. Standardization of Genomic DNA isolation from minute quantities of fish scales and fins amenable to RAPD-PCR. *Proceedings of the Zoological Society* 67(1): 28-32. [Springer-Verlag, Germany & Zoological Society, Kolkata, India] [ISSN: 0373-5893 (Print) 0974-6919 (Online)] [DOI 10.1007/s12595-013-0065-4]. (Available Online: 21st April, 2013)
36. Mukhopadhyay, T. & **Bhattacharjee, S.** 2013. Assessment of intra-population diversity of the threatened ornamental fish *Badis badis* (Hamilton-Buchanan, 1822) from the Terai region of West Bengal. *North Bengal University Journal of Animal Sciences* 7: 13-23. (ISSN: 0975-1424)
37. Guha, P., Srivastava, S. K., Das, A., **Bhattacharjee, S.**, Halder, B. & Chaudhuri, T. K. 2013. Comparative Analyses of the ABO, KIR and HLA loci among the Rajbanshis of North Bengal Region, India. *Annals of Pharma Research* 1: 18-24. [ISSN: 2347-1956] (Available Online: 23rd August, 2013)
38. Guha, P., Srivastava, S. K., **Bhattacharjee, S.** & Chaudhuri, T. K. 2013. Human Migration, Diversity and Disease Association: A Convergent Role of Established and Emerging DNA Markers. *Frontiers in Genetics* 4: 155. [ISSN:1664-8021 (Online)] [DOI:10.3389/fgene.2013.00155] (Available Online: 9th August, 2013)
39. **Bhattacharjee, S.** 2013. Role of Genomic and Proteomic tools in the Study of Host-Virus interactions and Virus Evolution. *VirusDisease* (Formerly Indian Journal of Virology) 24(3): 306-311. [Springer-Verlag, Germany & Indian Virological Society, India] [ISSN: 0970-2822 (Print)/ISSN: 0974-0120 (Online)] [DOI: 10.1007/s13337-013-0150-3]. (Available Online: 8th August, 2013)
40. Guha, P., **Bhattacharjee, S.**, Nayak, C. R., & Chaudhuri, T. K. 2013. Study of the KIR gene profiles and analysis of the phylogenetic relationships of Rajbanshi population of West Bengal, India. *Human Immunology* 74 (5): 673-680. [Elsevier & American Society for Histocompatibility and Immunogenetics (ASHI), NJ 08054] (ISSN: 0198-8859) [<http://dx.doi.org/10.1016/j.humimm.2013.01.007>](Available Online: 12th April, 2013)
41. Bahadur, M., Debnath, G., **Bhattacharjee, S.** & Rudra, M. 2011. A study on genetic variation among Oraon, Munda and Chik Baraik tribes of North Bengal. *Tribal World* 1: 82-87. [Orion Press International] (ISBN 81-8809412-9)
42. Pal, A. & **Bhattacharjee, S.** 2011. Isolation and characterization of Aeromonads from North Bengal, India. *North Bengal University Journal of Animal Sciences* 5: 47-56. [Department of Zoology, University of North Bengal, West Bengal, INDIA] (ISSN: 0975-1424)
43. **Bhattacharjee, S.** 2010. Evolutionary interrelationships among polyomaviruses based on nucleotide and amino acid variations. *Indian Journal of Biotechnology* 9: 252-264. [NISCAIR, CSIR, INDIA] (ISSN: 0972-5849)
44. **Bhattacharya, S.** 2010. Genomics and proteomics as clue to virus adaptation towards host. *Bioinform* 3 (2-3): 5-6. [Official Newsletter of NBU Bioinformatics Facility of DBT, India, University of North Bengal, West Bengal, INDIA] (ISSN: 0974-9403)
45. Debnath, G., Rudra, M., **Bhattacharjee, S.** & Bahadur, M. 2010. Serum protein polymorphism among three tribal populations of West Bengal, India. *North Bengal University Journal of Animal Sciences* 4: 53-58. [Department of Zoology, University of North Bengal, West Bengal, INDIA] (ISSN: 0975-1424)
46. **Bhattacharjee, S.** 2009. Phylogenetic relationships among Polyomaviruses. *North Bengal University Journal of Animal Sciences* 3: 66-80. [Department of Zoology, University of North Bengal, West Bengal, INDIA] (ISSN: 0975-1424)
47. Chakraborty, T. & **Bhattacharjee, S.** 2008. Ichthyofaunal diversity in the freshwater rivers of South Dinajpur district of West Bengal, India. *Journal of the Bombay Natural History Society*. 105 (3): 292-298. [Bombay Natural History Society, Mumbai, INDIA] (ISSN: 0006-6982)
48. **Bhattacharjee, S.** 2008. Human Polyomaviruses: Clinical, Evolutionary and Anthropological Implications. *North Bengal University Journal of Animal Sciences* 2 (1): 1-13. [Department of Zoology, University of North Bengal, West Bengal, INDIA]
49. **Bhattacharjee, S.** 2007. Why does HIV manifest into AIDS in humans. *Everyman's Science XLI* (6): 401-406. [Indian Science Congress Association, Kolkata, INDIA] (ISSN 0531-495X)
50. **Bhattacharjee, S.** & Chakraborty, T. K. 2004. High reactivation of BK virus variants in Asian Indians with renal disorders and during pregnancy. *Virus Genes* 28: 157-168. [Springer, Netherlands] (ISSN: 0920-8569)