


Bio-data

Name	:	Dr. Devojit Kumar Sarma
Designation	:	Scientist – C
Date of Joining in ICMR	:	08-02-2018
Educational qualification	:	M.Sc. (Biotechnology), Ph.D. (Biotechnology)
Award/Fellowship/Membership	:	<p><u>Awards:</u></p> <ol style="list-style-type: none"> 1. Awarded ICMR SRF in 2009 2. Awarded International Travel Award by IS Global, Barcelona, Harvard University and Swiss Tropical & Public Health Inst. to attend “<i>Science of Eradication: Malaria Leadership Development Course</i>” in June 2016 at Barcelona Institute of Global Health, University of Barcelona. 3. Awarded International Travel Award by FHI360 to attend ICSSC “<i>Study Design and Statistics Training</i>” at Bangkok, Thailand in September 2016. <p><u>Membership:</u></p> <ol style="list-style-type: none"> 1. International member of <i>National Environmental Health Association</i> (NEHA)(membership ID 9709). 2. Life member of <i>National Environmental Science Academy</i> (NESA), India (LM No: 1316) 3. Life member of <i>National Academy of Vector Borne Diseases</i> (NAVBD), India (LM No: 297) 4. Senior member of <i>International Association of Computer Science and Information Technology</i> (IACSIT), Singapore (Membership No: 80345120).
Foreign visits	:	<ol style="list-style-type: none"> 1. Worked as a Visiting Scientist at University of Manchester, UK from January 2010 to December 2012. 2. Attended “<i>Science of Eradication: Malaria Leadership Development Course</i>” at Barcelona Institute of Global Health, University of Barcelona, Spain from 12-18 June 2016 organized by IS Global, Barcelona, Harvard University and Swiss Tropical & Public Health Institute. 3. Attended ICSSC “<i>Study Design and Statistics Training</i>” at Bangkok, Thailand from 12th to 16th September 2016 organized by National Institute for Allergy and Infectious Diseases (NIAID), NIH, USA and conducted by the International Clinical Studies Support Center (ICSSC) at FHI 360 with full sponsorship from FHI 360. 4. Attended the 6th Annual International Centers for Excellence in Malaria Research (ICEMR) meeting organized by International Disease Research Collaboration (IDRC), Uganda held at Kampala, Uganda from August 15- 17' 2016 and presented the progress of the MESA-ICEMR project.
Thrust areas/Specialization	:	Climate change, Vector borne diseases, epidemiology, Evolutionary Genetics
Publications	:	<ol style="list-style-type: none"> 1. Sarma, N.P., Singh, S., Sarma, D.K., et al., 2016. Mitochondrial DNA-based genetic diversity of <i>Anopheles nivipes</i> in North East India. <i>Mitochondrial DNA Part A</i>, 27(6), pp.4236-4239. 2. Surendran, S. N., Truelove, N., Sarma, D. K., et al. (2015). Karyotypic assignment of Sri Lankan <i>Anopheles culicifacies</i> species B and E does not correlate with cytochrome oxidase subunit I and microsatellite genotypes. <i>Parasites & vectors</i>, 8(1), 327. 3. Kempainen, P., Knight, C. G., Sarma, D. K., et al. (2015). Linkage disequilibrium network analysis (LDna) gives a global view of chromosomal inversions, local adaptation and geographic structure. <i>Molecular ecology resources</i>, (July). 4. Mohapatra, P. K., Sarma, D. K., Prakash, A., et al. (2014). Molecular evidence of increased resistance to anti-folate drugs in <i>Plasmodium falciparum</i> in North-East India: a signal for potential failure of

	<p>artemisinin plus sulphadoxine-pyrimethamine combination therapy. <i>PloS one</i>, 9(9), e105562.</p> <ol style="list-style-type: none"> 5. Sarma, D. K., Mohapatra, P. K., Bhattacharyya, D. R., Mahanta, J., & Prakash, A. (2014). Genotyping of chloroquine resistant <i>Plasmodium falciparum</i> in wild caught <i>Anopheles minimus</i> mosquitoes in a malaria endemic area of Assam, India. <i>Tropical biomedicine</i>, 31(3), 557-61. 6. Sarma, D.K., Singh, S., Bhattacharyya, D.R., et al., 2014. Suitability of the boiling method of DNA extraction in mosquitoes for routine molecular analyses. <i>Int J Mosq Res</i>, 1, pp.15-17. 7. Kempainen, P., Sarma, D K., Prakash, A., et al., 2013, December. Population history and local adaptation of inversions in <i>Anopheles baimaii</i> using restriction-site associated dna (RAD) sequence data. In <i>PATHOGENS AND GLOBAL HEALTH</i> (Vol. 107, No. 8, pp. 417-417). STE 1C, JOSEPHS WELL, HANOVER WALK, LEEDS LS3 1AB, W YORKS, ENGLAND: MANEY PUBLISHING. 8. Surendran, S. N., Sarma, D. K., Jude, P. J., et al. (2013). Molecular characterization and identification of members of the <i>Anopheles subpictus</i> complex in Sri Lanka. <i>Malaria journal</i>, 12(1), 304. 9. Singh, S., Prakash, a, Yadav, R. N. S., Mohapatra, P. K., Sarma, N. P., Sarma, D. K., Mahanta, J., et al. (2012). <i>Anopheles</i> (Cellia) <i>maculatus</i> group: its spatial distribution and molecular characterization of member species in north-east India. <i>Acta tropica</i>, 124(1), 62-70. 10. Sarma, D. K., Prakash, A., O'Loughlin, S. M., et al. (2012). Genetic population structure of the malaria vector <i>Anopheles baimaii</i> in north-east India using mitochondrial DNA. <i>Malaria Journal</i>, 11(1), 76. 11. Sarma, N. P., Prakash, A., Bhattacharyya, D. R., Kalita, M. C., Mohapatra, P. K., Singh, S., Sarma, D. K., et al. (2012). Acta Tropica Spatial distribution and molecular characterization of <i>Anopheles nivipes</i> and <i>Anopheles philippinensis</i> (Diptera : Culicidae) in north-east India. <i>Acta Tropica</i>, 122(3), 247-254. 12. Bhattacharyya, D. R., Prakash, A., Sarma, N. P., Mohapatra, P. K., Singh, S., Sarma, D. K., Kalita, M. C., et al. (2010). Molecular evidence for the involvement of <i>Anopheles nivipes</i> (Diptera: Culicidae) in the transmission of <i>Plasmodium falciparum</i> in north-eastern India. <i>Annals of Tropical Medicine and Parasitology</i>, 104(4), 331-336. 13. Prakash, A., Sarma, D. K., Bhattacharyya, D. R., et al.,. (2010). Spatial distribution and r-DNA second internal transcribed spacer characterization of <i>Anopheles dirus</i> (Diptera: Culicidae) complex species in north-east India. <i>Acta tropica</i>, 114(1), 49-54. 14. Prakash A, Bhattacharyya, D. R., Mohapatra, P.K., Gogoi, P., Sarma, D.K., Bhattacharjee, K., and Mahanta, J. (2009). Evaluation of PermaNet® 2.0 mosquito Bednets against mosquitoes including <i>Anopheles minimus</i> in India. <i>Southeast Asian Journal of Tropical Medicine and Public Health</i>. 40: 449-457.
Contact details (Email & Mobile no.)	<p>: Email: devojit.sarma@icmr.gov.in dkbiotek@gmail.com Mobile no: +91 9435739021</p>
Photograph	<p>: </p>