

Scientific Publications

(a) Research Papers

1. Bhattacharya DR, Prakash A, Mohapatra PK, Mahanta J. Occurrence of *Ochlerotatus (Mucicus) laniger* (Wiedemann) (Diptera: Culicidae) in Assam, India. *Entomon* 2005 ; 30 (1) : 105-107.
2. Borah PK, Dutta P, Pegu P, Phukan AC, Hazarika NC, Mahanta J. Clinical presentation of malaria during an outbreak situation. *J Commun Dis* 2004 ; 36 (1): 65-68
3. Campbell P, Baruah S, Narain K, Rogers CC. A randomized trial comparing the efficacy of four treatment regimens for uncomplicated falciparum malaria in Assam state, India. *Trans Royal Soc Trop Med and Hyg* 2006 ; 100 (2) : 108-118
4. Dutta P, Khan SA, Sharma CK, Mahanta J. Biodiversity of mosquitoes in Manipur state and their medical significance . *J Environ Biol* 2005 ; 26 (3) : 531-538
5. Katiyar S, Hedau S, Jain N, Kar P, Khuroo MS, Mahanta J, Kumar S, Gopalkrishna V, Kumar N, Das BC. P53 gene mutation and human papillomavirus (HPV) infection in esophageal carcinomas from three different endemic geographic regions of India. *Cancer Lett.* 2005 ; 218 (1) : 69-79
6. Medhi GK, Baruah A, Mahanta J. Growth and nutritional status of school age children (6-14 years) of tea garden workers of Assam . *J Hum. Ecol.* 2006 ; 19 (2) : 83 -85
7. Mohapatra PK, Prakash A, Taison K, Negmu K, Gohain A C, Namchoom NS, Wange D, Bhattacharyya DR, Goswami BK, Borgohain BK, Mahanta J. Evaluation of chloroquine (CQ) and sulfadoxine/pyrimethamine (SP) therapy in uncomplicated falciparum malaria in Indo-Myanmar border areas. *Trop Med Int Health* 2005 ; 10 (5): 478-483
8. Narain K, Devi RK, Mahanta J. Development of enzyme-linked immunosorbent assay for serodiagnosis of human paragonimiasis. *Indian J Med Res* 2005 ; 121 (5) : 731-746
9. Phukan AC, Mahanta J. Current status of Japanese encephalitis: a metazoanotic disease of public health concern *Proc. Nat. Acad. Sci India* 2005 ; 75 (B) Special Issue : 27-40
10. Phukan RK, Zomawia E, Narain K, Hazarika NC, Mahanta J. Tobacco use and stomach cancer in Mizoram. *Cancer Epidemiol Biomarkers Prev* 2005 14 (8) :1892-1896

11. Prakash A, Bhattacharyya DR, Mahapatra PK, Mahanta J. Potential of *Anopheles philippinensis-nivipes* complex mosquitoes as malaria vector in North-east India. *J Environ Biol* 2005; 26 (4) : 719-723
12. Prakash A, Bhattacharya DR, Mohapatra P.K, Mahanta J. Taxanomial Observations on *Anopheles philippinensis/nivipes* Group mosquitoes in North-east India. *J Commun Dis* 2005 ; 36 (4) : 264 – 270.
13. Prakash A, Bhattacharyya DR, Mohapatra PK, Mahanta J. Malaria transmission risk by the mosquito *Anopheles baimaii* (formerly known as *An. dirus* species D) at different hours of the night in North - east India. *Med Vet Ent* 2005 ; 19 : 423-427.

(b) Research work abstracted

1. Baruah P, Hazarika NK, Barua N. *A study of prevalence of cryptosporidiosis in immunocompromised patients.* In 17th National Congress of Parasitology held at Regional Medical Research Centre, N.E. Region (ICMR), Dibrugarh , Assam (24-26 October, 2005)
2. Bhattacharyya K, Panda DN. *Immunogenecity of Chrysomyia bezziana larval antigen in controlling old world screw-worm myiasis.* In 17th National Congress of Parasitology held at Regional Medsical Research Centre, N.E. Region (ICMR), Dibrugarh , Assam (24-26 October, 2005)
3. Borah PK. Hazarika NC, Mahanta J. *Medicinal plants used for treatment of intestinal worm infestation in Upper Assam : an enthno-medico botanical survey.* In 17th National Congress of Parasitology held at Regional Medsical Research Centre, N.E. Region (ICMR), Dibrugarh , Assam (24-26 October, 2005)
4. Borkakoty B J, Borthakur A K. *Prevalence of Toxoplasma gondi infection in cases with history of pregnancy wastage.* In 17th National Congress of Parasitology held at Regional Medsical Research Centre, N.E. Region (ICMR), Dibrugarh , Assam (24-26 October, 2005)
5. Devi, RK, Narain K, Mahanta J. *Progression of paragonimiasis in experimental Wistar rats at high intensity of infection.* In 20th International Conference of the World Association for the Advancement of Veterinary Parasitology, held at Christchurch, New Zealand (16-20 October, 2005)
6. Devi RK, Narain K, Mahanta J. *The prevalence of soil-transmitted helminths in Assam, pattern of infestation in different communities.* In 17th National Congress of Parasitology held at Regional Medical Research Centre, N.E. Region (ICMR), Dibrugarh , Assam (24-26 October, 2005)

7. Devi RK, Narain K, Mahanta J. *Food-Borne Parasitic Zoonosis: Status of Metacercarial Infection in Fishes of Assam*. In 17th National Congress of Parasitology held at Regional Medical Research Centre, N.E. Region (ICMR), Dibrugarh , Assam (24-26 October, 2005)
8. Dutta P, Khan AM, Khan SA, Sharma CK. *Malaria transmission pattern in relation to specific vector species prevalence and its bionomics in area of two distinct ecosystems prevailing in North-eastern region of India* . In 17th National Congress of Parasitology held at Regional Medical Research Centre, N.E. Region (ICMR), Dibrugarh , Assam (24-26 October, 2005)
9. Gogoi J. Preliminary Report on Breeding of *Mastomys coucha* (Multimamate Rat) at North- eastern part of India. In In Technical Session of ICMR Employees at Pune (8-9 April, 2005)
10. Hazarika NC, Narain K, Borah P.K., Kalita HC, Shah B and Mahanta J. *Isolated systolic and isolated diastolic hypertension among young, middle aged and elderly Mizo hypertensives inhabiting the hill state of Mizoram*. In 4th International CME on Atherosclerosis, Hypertension and Coronary artery Disease held at Delhi (12-13 November, 2005)
11. Khan AM, Dutta P, Khan SA, Mahanta J. *Bancroftian filiasis : Status of infection after four cycles of single annual dose of mass DEC therapy in a tea worker population of Assam*. In 17th National Congress of Parasitology held at Regional Medical Research Centre, N.E. Region (ICMR), Dibrugarh , Assam (24-26 October, 2005)
12. Khan AM, Dutta P, Khan SA, Sharma CK, Baruah NK, Mahanta J. *Lymphatic filariasis in Assam : Prevalence and prospects of elimination*. In 17th National Congress of Parasitology held at Regional Medical Research Centre, N.E. Region (ICMR), Dibrugarh, Assam (24-26 October, 2005)
13. Khan SA, Handique BK, Bora R, Goswami J, Chakraborty K, Sharma KK. *Spatial habitat distribution of JE vectors in Assam and influence of meteorological factors in modulating their abundance—a remote sensing and GIS approach*. In 17th National Congress of Parasitology held at Regional Medical Research Centre, N.E. Region (ICMR), Dibrugarh, Assam (24-26 October, 2005)
14. Handique BK, Khan SA, Goswami J, Chakraborty K, Bora R, Sarma KK. *Characterization of JE prone areas of Dibrugarh district of Assam using remote sensing and GIS*. In 25th ISRS Annual Convention and National Symposium on Emergence of Geoinformatics for Development: Trends and Opportunities held at Mesra, Ranchi (6-9 December, 2005).
15. Medhi G.K, Hazarika N.C, Mahanta J. *Filariasis among the tea garden population of Dibrugarh district of Assam*. In 17th National Congress of

- Parasitology held at Regional Medical Research centre, N.E.Region (I.C.M.R), Dibrugarh, Assam (24-26 October, 2005)
16. Medhi GK, Hazarika NC, Mahanta J. *Non-communicable and life style related diseases among urban elderly of Assam*. In the 3rd South East Asia and Western Pacific Bi-Regional TEPHINET Conference held at Chennai (9-12 January, 2006)
 17. Medhi G K, Hazarika NC, Narain K, Rajguru SK, Mahanta J. *Study of geohelminths among tea garden population of Dibrugarh district of Assam*. In 17th National Congress of Parasitology held at Regional Medical Research Centre, N.E. Region (ICMR), Dibrugarh , Assam (24-26 October, 2005)
 18. Mishra N, Hazarika N, Mahanta J. *Insect as human food*. In 17th National Congress of Parasitology held at Regional Medical Research Centre, N.E. Region (ICMR), Dibrugarh , Assam (24-26 October, 2005)
 19. Mohapatra P K, Srivastava S, Prakash A, Bhattacharyya DR, Mahanta J. *Therapeutic efficacy of chloroquine in tea garden population at Assam-Arunachal Pradesh border*. In 17th National Congress of Parasitology held at Regional Medical Research Centre, N.E. Region (ICMR), Dibrugarh , Assam (24-26 October, 2005)
 20. Narain K, Sharma SK Devi KR, Malakar M, Mahanta J. *Molluscicidal activity of Gardenia campanulata* . In 17th National Congress of Parasitology held at Regional Medical Research Centre, N.E. Region (ICMR), Dibrugarh , Assam (24-26 October, 2005)
 21. Narain K, Devi KR, Rajguru SK, Mahanta J. *Prevalence of hookworms in relation to socio economic and behavioural determinants of exposure to infection in rural Assam*. In 17th National Congress of Parasitology held at Regional Medical Research Centre, N.E. Region (ICMR), Dibrugarh , Assam (24-26 October, 2005)
 22. Phukan AC, Sharma SK, Rajguru SK, Mahanta J. *Antibacterial and antihaemolytic activities of tea extract against Vibrio cholerae*. In Technical Session of ICMR Employees at Pune (8-9 April, 2005)
 23. Prakash A, Bhattacharyya DR, Mohapatra PK, O'Loughlin SM, Walton C, Mahanta J. *Molecular characterization of two recognized malaria vectors in North-East India through r – DNA Internal Transcribed Spacer 2 amplification*. In 17th National Congress of Parasitology held at Regional Medical Research Centre, N.E. Region (ICMR), Dibrugarh , Assam (24-26 October, 2005)

(c) Miscellaneous

1. *Proceedings of the Workshop on Reappraisal of the Situational Analysis of Current Scenario of Drug Abuse and HIV/AIDS in the North-eastern Region of India* (28-30 April 2005) : 1-71.