

Publications 2013

1. Achary KG, Mandal NN, Mishra S, Sarangi SS, Kar SK, Satapathy AK and Bal MS. Maternal filarial infection: association of anti-sheath antibody responses with plasma levels of IFN- γ and IL-10. *Parasitology*. 2013; 140:598-603. DOI: [10.1017/S0031182012002144](https://doi.org/10.1017/S0031182012002144) (IF=2.35)
2. Barik S.K, Hazra R.K., Prusty M.R, Rath A & Kar S.K. A simple, rapid and very efficient protocol for DNA isolation from mosquito species. *Protocol Exchange-Nature* 2013. DOI: [10.1038/protex.2013.007](https://doi.org/10.1038/protex.2013.007)
3. Das B & Hazra R.K. Entomological investigations with special attention to pupal indicators of Aedes vectors during outbreaks of dengue in coastal Odisha, India. *Vector Borne Diseases*. 2013; 50(2):147–150. (IF=1.17)
4. Das B, Das M, Dwibedi B, Kar SK, Hazra RK(2013). Molecular investigations of dengue virus during outbreaks in Orissa state, Eastern India from 2010 to 2011. *Infection Genetics Evolution*. 2013 Jun; 16:401-410. DOI:[10.1016/j.meegid.2013.03.016](https://doi.org/10.1016/j.meegid.2013.03.016) (IF=2.76)
5. Das M, Das B, Patra AP, Tripathy HK, Mohapatra N, Kar SK, Hazra RK. Anopheles culicifacies sibling species in Odisha, eastern India: First appearance of Anopheles culicifacies E and its vectorial role in malaria transmission. *Tropical Medicine International Health*. 2013; 18(7):810-821. (IF=2.93)
6. Das Sutar SK, Dhangadamajhi G, Kar SK, Ranjit MR. Molecular monitoring of antimalarial drug resistance among Plasmodium falciparum field isolates from Odisha, India. *Acta Tropica*. 2013; 126: 84– 87. DOI: [10.1016/j.actatropica.2013.01.010](https://doi.org/10.1016/j.actatropica.2013.01.010) (IF=2.78)
7. Kar BR, Dwibedi B, Kar SK. An outbreak of hand, foot and mouth disease in Bhubaneswar, Odisha. *Indian Pediatr*. 2013; 50(1):139-142. DOI: [10.1007/s13312-013-0033-0](https://doi.org/10.1007/s13312-013-0033-0) (IF=0.71)
8. Khuntia H. K., Pal B. B., Samal S. K. and Kar S. K. Rapid spread of Vibrio cholerae O1 El Tor variant in Odisha, eastern India 2008-09. *J. Clin. Microbiol*. 2013; 51 (6): 1909-1912. DOI: [10.1128/JCM.03351-12](https://doi.org/10.1128/JCM.03351-12) (IF=4.06)
9. Pal BB, Khuntia HK, Samal SK, Kerketta AS, Kar SK, Karmakar M, Pattnaik B. Large outbreak of cholera caused by El Tor variant Vibrio cholerae O1 in the eastern coast of Odisha, India during 2009. *Epidemiol Infect*. 2013 Dec; 141(12):1-8. DOI: [10.1017/S0950268813000368](https://doi.org/10.1017/S0950268813000368)(IF=2.86)
10. Sahu A, Das B, Das M, Patra A, Biswal S, Kar SK, Hazra RK (2013). Genetic characterization of E2 region of Chikungunya virus circulating in Odisha, Eastern India from 2010 to 2011. *Infection Genetics Evolution*. 2013 Aug; 18:113-124. DOI: [10.1016/j.meegid.2013.04.037](https://doi.org/10.1016/j.meegid.2013.04.037) (IF=2.76)
11. Sahu U, Mohapatra BN, Kar SK, Ranjit M. Promoter polymorphisms in the ATP binding cassette transporter gene influence production of cell-derived microparticles and are highly associated with susceptibility to severe malaria in humans. *Infect Immun*. 2013 Apr; 81(4):1287-1294. DOI: [10.1128/IAI.01175-12](https://doi.org/10.1128/IAI.01175-12)(IF=4.16)

12. Sahu U, Sahoo PK, Kar SK, Mohapatra BN, Ranjit M. Association of TNF level with production of circulating cellular microparticles during clinical manifestation of human cerebral malaria. *Hum Immunol.* 2013 Jun; 74(6):713-721. DOI: [10.1016/j.humimm.2013.02.006](https://doi.org/10.1016/j.humimm.2013.02.006) (IF=2.83)
13. Kumari S, Marai N, Hazra R.K, Kar S.K. and Mohapatra N. Anopheles subpictus B and its role in transmission of malaria in Odisha, India. *Tropical Biomedicine.* 2013 Dec; 30(4); 710-717. (IF=0.921)
14. Panigrahi B.K, Marai N, Hazra R.K, Kar S.K and Mohapatra N. Anopheline ecology and malaria transmission during the construction of an irrigation project area in Dhenkanal district, Odisha, India. Malaria transmission and irrigation. *Journal of vector Borne Diseases.* 2013 Dec; 50(4):248-257. (IF=1.041)
15. Sethy PGS, Bulliyya G, Rautray TR, Kar SK. Studies on status of serum lead levels among preschool children in Bhubaneswar, Odisha. *Journal of Environment and Sociobiology.* 2013; 10 (2): 133-136.
16. Mohapatra MK, Acharya SK and Ranjit MR. TLR-2 I/D polymorphism protects from multiple complications in falciparum malaria. *J Infect Dis.* 2013; 112:215-221. (IF=5.84)