



7. PUBLICATIONS

7.1. Research Papers published/in press/accepted

1. Alam MT, Bora H, Mitra P, **Singh N**, Sharma YD. Cellular immune responses to recombinant Plasmodium vivax tryptophan-rich antigen (PvTRAg) among individual exposed to vivax malaria. Parasite Immunology.2008. 30: 379-383.
2. Alam MT, Bora H, **Singh N**, Sharma YD. High immunogenicity and erythrocyte binding activity in the tryptophan-rich domain (TRD) of the 74-kDa Plasmodium vivax alanine-tryptophan-rich antigen (PvATRAg74). 2008. Vaccine. 26: 3787-3794.
3. Anvikar AR, **Dolla CK**, Dutta S, Rao VG, Gadge V, Shukla GP, Rao S, Karforma C. Role of Diarrheagenic Escherichia Coli in Acute Diarrhoea of Tribal Preschool Children of Central India. Paediatr Perinat Epidemiol. 2008 Jan; 22(1):40-6.
4. Anvikar AR, **Rao VG**, Savargaonkar DD, Rajiv Y., Bhondeley MK, Tiwari B, Karkare A, Luke C, Gadge V, Ukey M, Patel P. Seroprevalence of sexually transmitted viruses among tribal population of central India. Int J Infect Dis. 2008 (In Press).
5. Bharti PK, Silawat N, Singh PP, Singh MP, Shukla MM, Gyanchand, Dash AP and **Singh N**. The Usefulness of a new rapid diagnostic test, First Response® Combo Malaria Ag (pLDH/HRP2) card test for malaria diagnosis in forested belt of Central India. Malar J.2008. 7:126.
6. Bhat J, Rao VG, Yadav R, Gadge V, Shukla GP, Tiwari BK, Ukey M, Rao S, Karforma C, Bhondeley MK. Pulmonary Tuberculosis among tribal population of Jhabua, Madhya Pradesh, India. Int J Infect Dis. 2008; 12, suppl.1.
7. Das D, Kumar S. Filarial hydrocele management in global programme on elimination of Lymphatic filariasis Current science. 2007, Vol, 93 (9&10): 1200 November.
8. Garg S, Chauhan SS, **Singh N**, Sharma YD. Immunological responses to a 39.8 kDa Plasmodium vivax tryptophan-rich antigen (PvTRAg39.8) among humans. Microbes and Infection. 2008. 10(10-11):1097-105.



9. Jain V, Armah HB, Eric J Tongren, Wilson N, Ned R, Crawford S, Nagpal AC, Joel PK, Singh MP, Dash AP, Udhayakumar V, **Singh N**, Jonathan K Stiles. Plasma IP-10, apoptotic and angiogenic factors associated with fatal cerebral malaria in India. *Malar J*. 2008. doi: 10.1186/1475-2875-7-83.
10. Jain V, Nagpal AC, Joel PK, Shukla MM, Singh MP, Gupta RB, Dash AP, Mishra SK, Udhayakumar V, Stiles JK, **Singh N**. Burden of cerebral malaria in central India (2004-2007). *Am J Trop Med Hyg*. 2008. 79(4): 636-642.
11. Kumar D, Verma A, Sehgal VK. Neonatal mortality in India. *International Electronic Journal of Rural and Remote Health Australia*. 2007, Vol.7 (4).
12. Lucchi WN, Tongren JE, Jain V, Nagpal AC, Kauth CW, Woehlbier U, Bujard H, Dash AP, **Singh N**, Stiles JK, Udhayakumar V. Antibody responses to the merozoite surface protein-1 complex in cerebral malaria patients in India. *Malar J*. 2008 (7):121.
13. Mohamad I. Brooks, **Singh N**, Davidson HH. Control measures for malaria in pregnancy in India. *Ind J Med Res*, 2008. 128 (3): 221-330.
14. Rao VG, Anvikar AR, Savargaonkar D, Tiwary BK, Abbad A. Sexually transmitted diseases in tribal population of central India. *Int J Infect Dis*. 2008; 12, suppl.1.
15. Rao VG, Gopi PG, Yadav R, Sadacharam K, Bhat J, Subramani R, Anvikar AR, Tiwari BK, Vasantha M, Bhondeley MK, Gadge V, Eusuff SI, Shukla GP. Tuberculosis infection in Saharia, a primitive tribal community of Central India. *Trans R Soc Trop Med Hyg*. 2008 (in press).
16. Rao VG. Tuberculosis Control: Current Status and Challenges. *RMRCT Update* 2007; 4(2): 1-4.
17. Sharma RK, Rani M, Pandey A. Women status and fertility behaviour in an agricultural society in Uttar Pradesh. *Man in India*. 2008, Vol. 88 (1&2).
18. Sharma RK, Kumar A. District level analysis of reproductive health status in Madhya Pradesh. In A. Ranjan (eds.), *Population Issues*. 2008. Bhopal: Shyam Institute.
19. Siddiqui AA, Bora H, **Singh N**, Dash AP and Sharma YD. Expression, Purification and Characterization of the Immunological Response to a 40- Kilodalton



- Plasmodium vivax Tryptophan- Rich Antigen. Infection and Immunity. 2008. 76(6): 2576-2586.
20. Siddiqui AA, **Singh N**, Sharma YD. Expression and purification of a Plasmodium vivax antigen- PvTARAg55 tryptophan- and alanine- rich antigen and its immunological responses in human subjects. Vaccine. 2007. 26: 96-107.
 21. Tiwari BK, Rao VG, Mishra DK, Thakur C. Infant-feeding practices among Kol tribal community of Madhya Pradesh. Indian J Community Med. 2007;32:228-8.
 22. Vinayak S, Alam MT, Upadhyay M, Das MK, Dev V, **Singh N**, Dash AP, Sharma YD. Extensive Genetic Diversity in the Plasmodium falciparum Na⁺/H⁺ Exchanger-1 Transporter Protein Implicated in Quinine Resistance. Antimicrobagents Chemother, 2007, 51: 4508-4511.
 23. Williams EK, Hossain MB, **Sharma RK**, Kumar V, Pandey CM, Baqui AH. Birth interval and risk of stillbirth or neonatal death: findings from rural north India. Journal of Tropical Pediatrics, 2007 (in press).

7.2. Books / Monograph

24. Devotta S, Rayalu S, Wate SR, Labhasetwar N, Biniwale RB, Godfrey S, Labhasetwar P, **Chakma T**, Swami A, Dwivedi HB, Parihar G, Saxena A. Integrated fluorosis mitigation: A guidance manual. Nagpur: 2007. NEERI.