

Appendices

Publications

Publications in	i)	International journals:	28
	ii)	National journals:	18
Accepted for publication in	i)	International journals:	14
	ii)	National journals:	7

Published

International

1. Raja A, Uma Devi KR, Ramalingam B, Brennan, PJ. Improved diagnosis of pulmonary tuberculosis by detection of free and immune complex-bound anti-30kDa antibodies. *Diagn Microbiol Infect Dis.* 2004 Dec;50(4):253-9.
2. Dube A, Jayasankar K, Prabakaran L, Kumar V, Gupta PK. Nitrogen laser irradiation (337 nm) causes temporary inactivation of clinical isolates of *Mycobacterium tuberculosis*. *Lasers Med Sci.* 2004;19(1):52-6.
3. Thomas BE, Rehman F, Malaisamy M, Dilip M, Suhadev M, Priyadarsini P, Purushotham NK, Swaminathan S. A study of condom acceptability among men in an urban population in South India. *AIDS Behav.* 2004 Jun;8(2):215-20.
4. Chandra C, Paramasivan S, Jawahar MS, Banurekha VV, Narayanan, PR. Effect of vitamin D₃ on phagocytic potential of macrophages with *livess* and lymphoproliferative response in pulmonary tuberculosis. *J Clin Immunol.* 2004 May;24(3):249-57.
5. Vanitha JD, Rehman F, Paramasivan CN. Evaluation of microplate alamar blue assay for drug susceptibility testing of *Mycobacterium avium* complex isolates. *Diagn Microbiol Infect Dis.* 2004 Jul;49(3):179-82.
6. Ramachandran G, Perloff ES, von Moltke LL, Swaminathan S, Wanke CA, Greenblatt DJ. Analysis of generic antiretroviral formulations manufactured in India. *AIDS.* 2004 Jul 2;18(10):1482-4.
7. Gopi PG, Subramani R, Selvakumar N, Santha T, Eusuff SI, Narayanan PR. Smear examination of two specimens for diagnosis of pulmonary tuberculosis in Tiruvallur District, south India. *Int J Tuberc Lung Dis.* 2004 Jul;8(7):824-8.
8. Kolappan C, Gopi PG, Subramani R, Chadha VK, Kumar P, Prasad VV, Appegowda BN, Rao RS, Sasidharan R, Ganesan N, Santha T, Narayanan PR. Estimation of annual risk of tuberculosis infection (ARTI) among children aged 1-9 years in the south zone of India. *Int J Tuberc Lung Dis.* 2004 Apr;8(4):418-23.
9. Gorumurthy P, Ramachandran G, Hemanth Kumar AK, Rajasekaran S, Padmapriyadarsini C, Swaminathan S, Bhagavathy S, Venkatesan P, Sekar L, Mahilmaran A, Ravichandran N, Paramesh P. Decreased bioavailability of rifampin and other antituberculosis drugs in patients with advanced human immunodeficiency virus disease. *Antimicrob Agents Chemother.* 2004 Nov;48(11):4473-5.
10. Gopalswamy R, Narayanan PR, Narayanan S. Cloning, overexpression, and characterization of a serine/threonine protein kinase *pknI* from *Mycobacterium tuberculosis*

- H37Rv. *Protein Expr Purif.* 2004 Jul; 36(1):82-9.
11. Ramachandran G, Santha T, Garg R, Baskaran D, Iliayas SA, Venkatesan P, Fathima R, Narayanan PR. Vitamin A levels in sputum-positive pulmonary tuberculosis patients in comparison with household contacts and healthy 'normals'. *Int J Tuberc Lung Dis.* 2004 Sep;8(9):1130-3.
 12. Ramalingam B, Baulard AR, Loch C, Narayanan PR, Raja A. Cloning, expression, and purification of the 27 kDa (MPT51, Rv3803c) protein of *Mycobacterium tuberculosis*. *Protein Expr Purif.* 2004 Jul; 36(1):53-60.
 13. Selvaraj P, Chandra G, Jawahar MS, Rani MV, Rajeshwari DN, Narayanan PR. Regulatory role of vitamin D receptor gene variants of Bsm I, Apa I, Taq I, and Fok I polymorphisms on macrophage phagocytosis and lymphoproliferative response to *Mycobacterium tuberculosis* antigen in pulmonary tuberculosis. *J Clin Immunol.* 2004 Sep;24(5):523-32.
 14. Sivakamasundari P, Varalakshmi P, Kannabiran M. Nuclear pore complex oxalate binding protein p62: its expression on oxalate exposure to VERO cells. *J Cell Biochem.* 2004 Dec 15;93(6):1099-106.
 15. Swaminathan S, Paramasivan CN, Kumar SR, Mohan V, Venkatesan P. Unrecognised tuberculosis in HIV-infected patients: sputum culture is a useful tool. *Int J Tuberc Lung Dis.* 2004 Jul;8(7):896-8.
 16. Swaminathan S. Tuberculosis in HIV-infected children. *Paediatr Respir Rev.* 2004 Sep;5(3):225-30.
 17. Santha T, Rehman F, Mitchison DA, Sarma GR, Reetha AM, Prabhakar R; Tuberculosis Research Centre, Indian Council of Medical Research. Split-drug regimens for the treatment of patients with sputum smear-positive pulmonary tuberculosis—a unique approach. *Trop Med Int Health.* 2004 May;9(5):551-8.
 18. Balasubramanian R. Operational research studies in tuberculosis control contributions in the last two decades from Tuberculosis Research Centre, south India. *SAARC J TB L Dis. & HIV* 2004 1 (1):1-13
 19. Muniyandi M, Ramachandran R, Balasubramanian R. Tuberculosis Control Programme – Is it pro poor? *SAARC J TB L Dis. & HIV* 2004 1 (1):14-9.
 20. Paramasivan CN, Sulochana S, Kubendiran G, Venkatesan P, Mitchison DA. Bactericidal action of gatifloxacin, rifampin, and isoniazid on logarithmic- and stationary-phase cultures of *Mycobacterium tuberculosis*. *Antimicrob Agents Chemother.* 2005 Feb;49(2):627-31.
 21. Santha T, Garg R, Subramani R, Chandrasekaran V, Selvakumar N, Sisodia RS, Perumal M, Sinha SK, Singh RJ, Chavan R, Ali F, Sarma SK, Sharma KM, Jagtap RD, Frieden TR, Fabio L, Narayanan PR. Comparison of cough of 2 and 3 weeks to improve detection of smear-positive tuberculosis cases among out-patients in India. *Int J Tuberc Lung Dis.* 2005 Jan; 9(1):61-8.
 22. Selvakumar N, Sekar MG, Ilampuranan KJ, Ponnuraja C, Narayanan PR. Increased detection by restaining of acid-fast bacilli in sputum samples transported in cetylpyridinium chloride solution. *Int J Tuberc Lung Dis.* 2005 Feb;9(2):195-9.
 23. Selvakumar N, Sekar MG, Rahman F, Syamsunder A, Durairandian M, Wares F, Narayanan PR. Comparison of variants of carbol-fuchsin solution in Ziehl-Neelsen for detection of acid-fast bacilli. *Int J Tuberc Lung Dis.* 2005 Feb;9(2):226-9.
 24. Selvakumar N, Sivagamasundari S, Prabhakaran E, Govindaraju R, Perumal M,

- Granich R, Wares F, Chauhan LS, Narayanan PR. Storage of heat-fixed unstained sputum AFB smears for panel testing in a tuberculosis unit in South India. *Int J Tuberc Lung Dis.* 2005 Feb;9(2):223-5.
25. Selvakumar N, Prabhakaran E, Murthy BN, Sivagamasundari S, Vasanthan S, Govindaraju R, Perumal M, Wares F, Chauhan LS, Santha T, Narayanan PR. Application of lot sampling of sputum AFB smears for the assessment of microscopy centres. *Int J Tuberc Lung Dis.* 2005 Mar;9(3):306-9.
 26. Selvakumar N, Murthy BN, Prabhakaran E, Sivagamasundari S, Vasanthan S, Perumal M, Govindaraju R, Chauhan LS, Wares F, Santha T, Narayanan PR. Lot quality assurance sampling of sputum acid-fast bacillus smears for assessing sputum smear microscopy centers. *J Clin Microbiol.* 2005 Feb;43(2):913-5.
 27. Das SD, Narayanan S, Hari L, Hoti SL, Thangathurai RK, Charles N, Jaggarajamma K, Narayanan PR. Differentiation of highly prevalent IS6110 single-copy strains of *Mycobacterium tuberculosis* from a rural community in South India with an ongoing DOTS programme. *Infect Genet Evol.* 2005 Jan;5(1):67-77.
 28. Das SD, Hari L. My introduction to the Tsunami. The Lancet's Tsunami coverage – World report. Web publication. The Lancet 2005; 365:203.
- smear-negative tuberculosis in south India. *Indian J Tuberc.* 2004 Oct;51(4):191-198.
3. Vadivel J, Gopu S. Role of health visitor for T.B. patients in the community. *Nurses of India* 2004;10-12.
 4. Vadivel J. Nursing activities of (outpatients) TB patients in public health sector. *Nurses of India* 2004;4-7.
 5. Jawahar MS. Current trends in chemotherapy of tuberculosis. *Indian J Med Res.* 2004 Oct;120(4):398-417.
 6. S.M. Kurian, P. Selvaraj, A.M. Reetha, N. Charles, P.R. Narayanan. HLA-DR phenotypes and lymphocyte response to *M. tuberculosis* antigens in cured spinal tuberculosis patients and their contacts. *Indian J Tuberc.* 2004 Apr; 51(2):71-75.
 7. Narayanan S. Molecular epidemiology of tuberculosis. *Indian J Med Res.* 2004 Oct;120(4):233-47.
 8. Paramasivan CN. Two speedier phenotypic methods on drug susceptibility testing of *Mycobacterium tuberculosis*. *Indian J Med Res.* 2004 Nov;120(5):440-1.
 9. Paramasivan CN, Venkataraman PV. Drug resistance in tuberculosis in India. *Indian J Med Res.* 2004 Oct;120(4):377-86.
 10. Prabha C, Syed Abdul Khader K, Das SD. *In vitro* cytokine response in tuberculosis. *J Imm Immunopath.* 2004;6(s-1):62-63.
 11. Selvaraj P, Raja A, Kurian SM, Uma Devi KR, Narayanan PR. HLA-DR phenotypes and IgG, IgA and IgM antibody responses to *Mycobacterium tuberculosis* culture filtrate and 30 kDa antigens in pulmonary tuberculosis. *Curr Sci.* 2004 Sept 87(6):771-775.
 12. Swaminathan S, Rajasekaran S, Shibichakravarthy K, Amarendran VA, Raja K, Hari L, Narayanan, S. Multiple recurrences of tuberculosis in an HIV

- infected individual. J Assoc Physicians India. 2004 Jun;52:513-4.
13. Swaminathan S. Protective efficacy of BCG. Indian J Pediatr. 2004 Dec;71(12):1083-4.
 14. Hemanth Kumar AK, Immanuel C, Ramachandran G, Chelvi KS, Victor L, Gurumurthy P. A validated high-performance liquid chromatography method for the determination of rifampicin and desacetyl rifampicin in plasma and urine. Indian J Pharmacol. 2004 36:231-233.
 15. Hemanth Kumar AK, Gurumurthy P. Ofloxacin pharmacokinetics in saliva. Indian J Pharmacol. 2004 36:80-83.
 16. Selvakumar N, Kumar V, Gopi PG, Sivagamasundari S, Prabhakaran E, Samuel Vasanthan, Narayanan PR. Proficiency to read sputum AFB smears by senior tuberculosis laboratory supervisors under training at reference laboratory in India. Indian J Tuberc 2005 Jan;52(1):11-14.
 17. Padmavathy L, Lakshmana Rao L, Ramanadhan, Shakila. Mycobacterial antigen in tissues in diagnosis of cutaneous tuberculosis. Indian J Tuberc 2005 Jan;52(1):31-35.
 18. Swaminathan S, Raghavan A, Datta M, Paramasivan CN, Saravanan KC. Computerized tomography detects pulmonary lesions in children with normal radiographs diagnosed to have tuberculosis. Indian Pediatr. 2005 Mar;42(3):258-61.
 2. Khera A, Singh R, Shakila H, Rao V, Dhar N, Narayanan PR, Paramasivan CN, Ramanathan VD, Tyagi AK. Elicitation of efficiency, protective immune responses by using DNA vaccines against tuberculosis. Vaccine.
 3. Thomas BE, Rehman F, Suryanarayanan D, Josephine K, Dilip M, Dorairaj VS, Swaminathan S. How stigmatizing is Stigma in the life of people living with HIV: A study on HIV positive individuals from Chennai, South India. AIDS Care, 2005, 17, 795-801.
 4. Hanna LE, Bose JC, Nayak K, Subramanyam S, Swaminathan S. Influence of active tuberculosis on chemokine and chemokine receptor expression in HIV-infected persons. AIDS Res Hum Retroviruses.
 5. Prabha C, Karthic S, Das SD, Swaminathan S, Subramanian S. Impact of tuberculous on serum leptin levels in patients with HIV infection. Horm Res.
 6. Rajavelu P, Das SD. Th2 type of immune response observed in normal healthy individuals to sonicate antigen prepared from the most prevalent *Mycobacterium tuberculosis* strain with single copy of IS6110. FEMS Immunol Med Microbiol.
 7. Rao V, Dhar N, Shakila H, Singh R, Khera A, Naseema M, Paramasivan CN, Narayanan PR, Ramanathan VD, Tyagi AK. Over-expression of the 19kDa lipoprotein of *Mycobacterium tuberculosis* obliterates the protective efficacy of BCG by polarizing the host immune responses to the Th2 phenotype. Scand J Immunol.
 8. Singh A, Gupta R, Viswakarma RA, Narayanan PR, Paramasivan CN, Ramanathan VD, Tyagi AK. Requirement of *mymA* operon for appropriate cell wall

Accepted for publication

International

1. Thomas A, Gopi PG, Santha Devi T, Chandrasekaran V, Subramani R, Selvakumar N, Eusuff SI, Sadacharam K, Narayanan PR. Predictors of relapse among pulmonary tuberculosis patients treated in a DOTS programme in South India. Int J Tuberc Lung Dis.

structure and persistence of *Mycobacterium tuberculosis* in the spleen of guinea pigs. J Bacteriol.

9. Swaminathan S, Raghavan A, Duraipandian M, Kripasankar AS, Ramachandran P. Short course chemotherapy for pediatric respiratory tuberculosis : Five year report. Int J Tuberc Lung Dis.
10. Swaminathan S, Paramasivan CN, Ponnuraja C. Anti-tuberculosis drug resistance in patients with HIV and tuberculosis in South India. Int J Tuberc Lung Dis.
11. Sulochana S, Rahman F, Paramasivan CN. *In vitro* activity of Quinolones against *Mycobacterium tuberculosis*. J Chemother.
12. Thomas BE. The sounds of the waves are frightening – Experiences of school children post Tsunami. Web publication. Lancet.
13. Thomas BE *et al.* Is awareness of HIV enough to alter high risk behaviour? What do HIV positive individuals have to say? A study from south India. SAARC J TB L Dis. & HIV.
14. Thomas BE *et al.* Gender differences in perceived health related quality of life among persons living with HIV – a study from Chennai, south India. SAARC J TB L Dis. & HIV.
3. Narayanan PR. Evaluation of directly observed treatment providers in the Revised National Tuberculosis Control Programme: A report from Tiruvallur District, South India. Indian J Tuberc.
3. Padmapriyadarsini C, Swaminathan S. Preventive therapy for tuberculosis in HIV infected individuals. Indian J Med Res.
4. Ramachandran R. Cryptococcal Meningitis in HIV infected patients. J Assoc Physicians India.
5. Sibichakravarthy K, Swaminathan S, Paramasivan CN, Amarendran VA, Thomas B. A case of recurrent tuberculosis in an HIV infected individual. J Assoc Physicians India.
6. Swaminathan S, Padmapriyadarsini C, Narendan G, Thomas BE, Anand S, Aiswarya Rajyalaxmi. Immune reconstitution syndrome following initiation of antiretroviral therapy in HIV and multidrug resistant tuberculosis. Indian J Chest Dis Allied Sci.
7. Narayanan S. Reactivation of *Mycobacterium tuberculosis* as evidenced by DNA fingerprinting. Ranbaxy Science Foundation.

National

1. Immanuel C, Victor L, Chelvi KS, Padmapriyadarsini C, Rehman F, Ilyas S, Swaminathan S. Serum neopterin levels in HIV infected patients with & without tuberculosis. Indian J Med Res.
2. Nirupa C, Sudha G, Santha T, Ponnuraja C, Fathima R, Chandrasekharan V, Jaggarajamma K, Thomas A, Gopi PG, Narayanan PR. Evaluation of directly observed treatment providers in the Revised National Tuberculosis Control Programme: A report from Tiruvallur District, South India. Indian J Tuberc.
1. G. Narendran and Soumya Swaminathan. Extrapulmonary tuberculosis. Medicine Update, 2005, edited by SB Gupta, Published by Diamond APICON.
2. A.R. Adhilakshmi and Soumya Swaminathan. Epidemiology to Tuberculosis in Children Common MDR Infections in Children- Typhoid, Tuberculosis, Malaria edited by Nurpur Ganguly, Ritabrata Kundu and Tapan Kr Ghosh, Published by CBS Publishers and Distributors, New Delhi, Bangalore – 2005.