

APPENDICES

LIST OF PUBLICATIONS

Publications	:	68
Publications in	i)	International Journals : 54
	ii)	National Journals : 14
Others - Books	:	i) International : 1
		ii) National : 6
Accepted for publication in	i)	International Journals: 37
	ii)	National Journals : 10

International:

1. Bakshi S, Ramachandran G, Ramesh K, Hemanthkumar AK, Anitha S, Padmapriyadarsini C, Narendran G, Menon PA, Rajasekaran S, Swaminathan S. Study of *ABCB1* polymorphism (C3435T) in HIV-1-infected individuals from South India. *Br J Clin Pharmacol*.2008;65:791-792.
2. Cobelens FG, Heldal E, Kimerling ME, Mitnick CD, Podewils LJ, Ramachandran R, Rieder HL, Weyer K, Zignol M; Working Group on MDR-TB of the Stop TB Partnership. Scaling up programmatic management of drug-resistant tuberculosis: A prioritized research agenda. *PLoS Med*.2008;5:1037-1042.
3. Dusthacker A, Kumar V, Selvakumar S, Gomathi S, Zhu G, Balaji S, Hassan S, Selvakumar N, Chan J, Narayanan PR. Construction and evaluation of luciferase reporter phages for the detection of active and non-replicating tubercle bacilli. *J Microbiol Methods*.2008;73:18-25.
4. Dusthacker A, Hassan S, Kumar V. Tape measure protein having MT3 motif facilitates phage entry into stationary phase cells of *Mycobacterium tuberculosis*. *Comput Biol Chem*.2008;32:367-369.
5. Gosoni GD, Ganapathy S, Kemp J, Auer C, Somma D, Karim F, Weiss MG. Gender and socio-cultural determinants of delay to diagnosis of TB in Bangladesh, India and Malawi. *Int J Tuberc Lung Dis*.2008;12:848-855.
6. Gupta RN, Wyatt GE, Swaminathan S, Rewari BB, Locke TF, Ranganath V, Sumner LA, Liu H. Correlates of relationship, psychological, and sexual behavioral factors for HIV risk among Indian women. *Cultur Divers Ethnic Minor Psychol*.2008;14:256-265.

7. Hemanth Kumar AK, Ramachandran G, Rajasekaran S, Padmapriyadarsini C, Narendran G, Menon P, Narayanan PR, Swaminathan S. Pharmacokinetics of rifampicin during antiretroviral treatment with non-nucleoside reverse transcriptase inhibitors. SAARC J Tuber Lung Dis HIV/AIDS.2008;V:1-5.
8. Jain R, Dey B, Dhar N, Rao V, Singh R, Gupta UD, Katoch VM, Ramanathan VD, Tyagi AK. Enhanced and enduring protection against tuberculosis by recombinant BCG-Ag85C and its association with modulation of cytokine profile in lung. PLoS ONE.2008;3:1-11.
9. Kumar V, Prabakaran L, Gomathi S, Kriakov J, Dusthakeer A, Balaji S, Chan J, Jacobs WR Jr., Narayanan PR. Characterization of temperate phage Che12 and construction of a new tool for diagnosis of tuberculosis. Tuberculosis.2008;88:616-623.
10. Lakshminarayan H, Narayanan S, Bach H, Sundaram KG, Av-Gay Y. Molecular cloning and biochemical characterization of a serine threonine protein kinase, PknL, from *Mycobacterium tuberculosis*. Protein Expr Purif.2008;58:309-317.
11. Muniyandi M, Rajeswari R, Balasubramanian R, Narayanan PR. A comparison of costs to patients with tuberculosis treated in a DOTS programme with those in a non-DOTS programme in south India. J Health Management.2008;10:9-24.
12. Muniyandi M, Ramachandran R. Socioeconomic inequalities of tuberculosis in India. Expert Opin Pharmacother.2008;9:1623-1628.
13. Narayanan S, Gagneux S, Hari L, Tsolaki AG, Rajasekhar S, Narayanan PR, Small PM, Holmes S, Deriemer K. Genomic interrogation of ancestral *Mycobacterium tuberculosis* from south India. Infect Genet Evol.2008;8:474-483.
14. Narayanan PR, Gopi PG, Subramani R, Santha T, Chandrasekaran V, Muniyandi M, Radhakrishnan S. DOTS reaches socially marginalized population in the community : A study from a rural area of south India. J Commun Dis.2008;40:199-204.
15. Pokkali S, Das SD, Logamurthy R. Expression of CXC and CC type of chemokines and its receptors in tuberculous and non-tuberculous effusions. Cytokine.2008;41:307-314.
16. Prabha C, Rajashree P, Das SD. TLR2 and TLR4 expression on the immune cells of tuberculous pleural fluid. Immunol Lett.2008;117:26-34.

17. Raja A, Ranganathan UD, Bethunaickan R. Improved diagnosis of pulmonary tuberculosis by detection of antibodies against multiple *Mycobacterium tuberculosis* antigens. *Diagn Microbiol Infect Dis.*2008;60:361-368.
18. Rajashree P, Das SD. Infection with prevalent clinical strains of *Mycobacterium tuberculosis* leads to differential maturation of monocyte derived dendritic cells. *Immunol Lett.*2008;117:174-180.
19. Rajashree P, Supriya P, Das SD. Differential migration of human monocyte-derived dendritic cells after infection with prevalent clinical strains of *Mycobacterium tuberculosis*. *Immunobiology.*2008;213:567-575.
20. Rajavelu P, Supriya P, Umashankar P, Bhatt K, Narayanan PR, Salgame P, Das SD. Comparative evaluation of cytokines, T-cell apoptosis, and costimulatory molecule expression in tuberculous and nontuberculous pleurisy. *Clin Transl Sci.*2008;1:209-214.
21. Ramakrishnan K, Shenbagarathai R, Kavitha K, Uma A, Balasubramaniam R, Thirumalaikolundusubramanian P. Serum zinc and albumin levels in pulmonary tuberculosis patients with and without HIV. *Jpn J Infect Dis.* 2008;61:202-204.
22. Ramachandran G, Hemanth Kumar AK, Venkatesan V, Anitha S, Tharani CB, Kumaraswami V, Swaminathan S. Single dose pharmacokinetics of lamivudine in healthy volunteers: Comparison of blood and urine kinetics. *SAARC J Tuber Lung Dis HIV/AIDS.*2008;V:6-9.
23. 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. Tuberculous infection in Saharia, a primitive tribal community of Central India. *Trans R Soc Trop Med Hyg.*2008;102:898-904.
24. Rao VG, Gopi PG, Yadav R, Subramani R, Bhat J, Anvikar AR, Sadacharam K, Tiwari BK, Gadge V, Bhondeley MK, Shukla GP, Ukey M, Jain S, Wares DF. Annual risk of tuberculosis infection among tribal population of central India. *Trop Med Int Health.*2008;13:1372-1377.
25. Rao PV, Rajasekaran S, Raja A. Augmentation of natural killer activity with exogenous interleukins in patients with HIV and pulmonary tuberculosis coinfection. *AIDS Res Hum Retroviruses.*2008;24:1435-1443.

26. Ravanan R, Venkatesan P. Some new approaches for modeling incubation in HIV/AIDS Epidemic. *Int J Computers, Mathemat Sci App.* 2008;2:293-305.
27. Selvaraj P, Alagarasu K, Harishankar M, Vidyarani M, Narayanan PR. Regulatory region polymorphisms of vitamin D receptor gene in pulmonary tuberculosis patients and normal healthy subjects of south India. *Int J Immunogenet.*2008;35:251-254.
28. Selvaraj P, Alagarasu K, Harishankar M, Vidyarani M, Rajeswari DN, Narayanan PR. Cytokine gene polymorphisms and cytokine levels in pulmonary tuberculosis. *Cytokine.*2008;43:26-33.
29. Selvaraj P, Vidyarani M, Alagarasu K, Prabhu Anand S, Narayanan PR. Regulatory role of promoter and 3' UTR variants of vitamin D receptor gene on cytokine response in pulmonary tuberculosis. *J Clin Immunol.*2008;28:306-313.
30. Selvaraj P, Raghavan S, Swaminathan S, Alagarasu K, Narendran G, Narayanan PR. HLA -DQB1 and -DPB1 allele profile in HIV infected patients with and without pulmonary tuberculosis of south India. *Infect Genet Evol.*2008;8:664-671.
31. Senbagavalli R, Geetha ST, Karunakaran K, Banu Rekha VV, Venkatesan P, Ramanathan VD. Reduced erythrocyte CR1 levels in patients with pulmonary tuberculosis is an acquired phenomenon. *Clin Immunol.* 2008;128:109-115.
32. Shenoy RK, Suma TK, Kumaraswami V, Dhananjayan G, Rahmah N, Abhilash G, Ramesh C. Lymphoscintigraphic evidence of lymph vessel dilation in the limbs of children with *Brugia malayi* infection. *J Commun Dis.*2008;40:91-100.
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34. Subramani R, Radhakrishna S, Frieden TR, Kolappan C, Gopi PG, Santha T, Wares F, Selvakumar N, Narayanan PR. Rapid decline in prevalence of pulmonary tuberculosis after DOTS implementation in a rural area of South India. *Int J Tuberc Lung Dis.*2008;12:916–920.

35. Subramanian T, Gupte MD, Paranjape RS, Brahmam GNV, Ramakrishnan L, Adhikary R, Kangusamy B, Thomas BE, Kallam S, Girish CPK for the IBBA Study Team. HIV, sexually transmitted infections and sexual behaviour of male clients of female sex workers in Andhra Pradesh, Tamil Nadu and Maharashtra, India: results of a cross-sectional survey. *AIDS*.2008;22(suppl 5):S69–S79.
36. Supriya P, Prabha C, Das SD. Diagnostic utility of interferon- γ induced protein of 10kDa (IP-10) in tuberculous pleurisy. *Diagn Microbiol Infect Dis*.2008;62:186-192.
37. Swaminathan S, Hanna LE, Sundaramurthi JC, Leonard A, Angayarkanni B, Francis AC, Lakshmi S, Nayak K. Prevalence and pattern of cross-reacting antibodies to HIV in patients with tuberculosis. *AIDS Res Hum Retroviruses*.2008;24:941-946.
38. Talaat KR, Kumarasamy N, Swaminathan S, Gopinath R, Nutman TB. Filarial/Human immunodeficiency virus coinfection in urban southern India. *Am J Trop Med Hyg*.2008;79:558-560.
39. Thiruvalluvan E, Shenbagavalli R, Mohana M. Influence of stigma and shame in HIV screening among women in prostitution. *SAARC J Tuber Lung Dis HIV/AIDS*.2008;V:16-22.
40. Weiss MG, Somma D, Karim F, Abouihia A, Auer C, Kemp J, Jawahar MS. Cultural epidemiology of TB with reference to gender in Bangladesh, India and Malawi. *Int J Tuberc Lung Dis*.2008;12:837-847.
41. Williams B, Gopi PG, Borgdorff MW, Yamada N, Dye C. The design effect and cluster samples: optimising tuberculosis prevalence surveys. *Int J Tuberc Lung Dis*.2008;12:1110–1115.
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43. Aravindhan V, Christy AJ, Roy S, Ajitkumar P, Narayanan PR, Narayanan S. *Mycobacterium tuberculosis groE* promoter controls the expression of the bicistronic *groESL1* operon and shows differential regulation under stress conditions. *FEMS Microbiol Lett*.2009;292:42-49.

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45. Krishnan N, Ananthkrishnan R, Augustine S, Vijayalakshmi NK, Gopi PG, Kumaraswami V, Narayanan PR. Impact of advocacy on the tuberculosis management practices of private practitioners in Chennai City, India. *Int J Tuberc Lung Dis.*2009;13:112–118.
46. Prabhu Anand S, Selvaraj P, Narayanan PR. Effect of 1,25 dihydroxyvitamin D₃ on intracellular IFN- γ and TNF- α positive T cell subsets in pulmonary tuberculosis. *Cytokine.*2009;45:105-110.
47. Rajashree P, Krishnan G, Das SD. Impaired phenotype and function of monocyte derived dendritic cells in pulmonary tuberculosis. *Tuberculosis.*2009;89:77–83.
48. Ramachandran R, Chandrasekaran V, Muniyandi M, Jaggarajamma K, Bagchi A, Sahu S. Cross-referral between HIV counselling and testing centres and smear microscopy centres in Tamil Nadu. *Int J Tuberc Lung Dis.*2009;13:221-225.
49. Ramachandran G, Hemanth Kumar AK, Rajasekaran S, Kumar P, Ramesh K, Anitha S, Narendran G, Menon P, Gomathi C, Swaminathan S. *CYP2B6* G516T polymorphism but not rifampin coadministration influences steady-state pharmacokinetics of efavirenz in human immunodeficiency virus-infected patients in south India. *Antimicrob Agents Chemother.*2009;53:863-868.
50. Selvaraj P, Alagarasu K, Swaminathan S, Harishankar M, Narendran G. CD209 gene polymorphisms in south Indian HIV and HIV-TB patients. *Infect Genet Evol.*2009;9:256-262.
51. Suhadev M, Nyamathi AM, Swaminathan S, Suresh A, Venkatesan P. Factors associated with willingness to participate in HIV vaccine trials among high-risk populations in south India. *AIDS Res Hum Retroviruses.*2009;25:217-224.
52. Supriya P, Das SD. Augmented chemokine levels and chemokine receptor expression on immune cells during pulmonary tuberculosis. *Human Immunol.*2009;70:110-115.

53. Venkatesan P, Suresh ML. Breast cancer survival prediction using artificial neural network. *Int J Comp Sci Network Sec.*2009;9:169-174.
54. Vidyarani M, Selvaraj P, Raghavan S, Narayanan PR. Regulatory role of 1, 25-dihydroxyvitamin D₃ and vitamin D receptor gene variants on intracellular granzyme A expression in pulmonary tuberculosis. *Exp Mol Pathol.*2009;86:69-73.

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- 1 Gopi PG, Subramani R, Narayanan PR. Evaluation of different types of chest symptoms for diagnosing pulmonary tuberculosis cases in community surveys. *Indian J Tuberc.*2008;55:116-121.
- 2 Gopi PG, Prasad VV, Vasantha M, Subramani R, Tholkappian AS, Sargunan D, Narayanan PR. Annual risk of tuberculosis infection in Chennai City. *Indian J Tuberc.*2008;55:157-161.
3. Jaggarajamma K, Ramachandran R, Charles N, Chandrasekaran V, Muniyandi M, Ganapathy S. Psycho-social dysfunction: Perceived and enacted stigma among tuberculosis patients registered under Revised National Tuberculosis Control Programme. *Indian J Tuberc.*2008;55:179-187.
4. Prabha C, Supriya P, Das SD, Sukumar B, Balaji S. Leptin response in patients with tuberculous pleuritis. *Indian J Med Res.*2008;128:721-727.
5. Rajavelu P, Das SD. Expression of co-stimulatory molecules B7.1 & B7.2 on macrophages infected with various strains of *Mycobacterium tuberculosis* & its influence on T-cell apoptosis. *Indian J Med Res.*2008;127:388-394.
- 6 Selvakumar N, Premkumar M, Kumar V, Gopi PG, Sivagamasundari S, Prabhakaran E, Narayanan PR. Phenol ammonium sulphate basic fuchsin staining of sputum in pot for the detection of acid-fast bacilli. *Indian J Med Res.*2008;128:194-197.
7. Selvakumar N, Kumar V, Gopi PG, Sivagamasundari S, Narayanan PR. Pot method for storage & detection of acid-fast bacilli from sputum samples. *Indian J Med Res.*2008;128:765-768.
8. Swaminathan S, Datta M, Radhamani MP, Mathew S, Reetha AM, Rajajee S, Mathew R, Radhakrishnan A, Raghu MB. A profile of bacteriologically confirmed pulmonary tuberculosis in children. *Indian Pediatr.*2008;45:743-747.

9. Swaminathan S, Narendran G. HIV and tuberculosis in India. *J Biosci.* 2008;33:527-537.
10. Swaminathan S, Antony L, Venkatesan P, Hanna LE, Angayarkanni B, Ponnuraja C, Robin J, Precilla KL, Ramachandran R. Sensitivity & specificity of combination testing algorithms for HIV in a tuberculosis clinic. *Indian J Med Res.*2008;128:772-774.
11. Thomas A, Chandrasekaran V, Joseph P, Rao VB, Patil AB, Jain DK, Chowdhary D, Saibabu, Mahapatra S, Devi S, Wares F, Narayanan PR. Increased yield of smear positive pulmonary TB cases by screening patients with ≥ 2 weeks cough, compared to ≥ 3 weeks and adequacy of 2 sputum smear examinations for diagnosis. *Indian J Tuberc.*2008;55:77-83.
12. Vasantha M, Gopi PG, Subramani R. Survival of tuberculosis patients treated under DOTS in a rural tuberculosis unit (TU), south India. *Indian J Tuberc.*2008;55:64-69.
13. Ganga Devi NP, Shenbagavalli R, Ramesh K, Rathinam SN, Swaminathan S. Rapid progression of HIV infection in infancy. *Indian Ped.*2009;46:53-56.
14. Vasantha M, Gopi PG, Subramani R. Weight gain in patients with tuberculosis treated under directly observed treatment short-course (DOTS). *Indian J Tuberc.*2009;56:5-9.

Others – Books:

International:

1. Banu Rekha VV, Swaminathan S. Drugs used in tuberculosis and leprosy. Book published by Eronson, Elsevier, titled, "Side effects of drug annuals – Edition 30".2008;357-363.

National:

1. Venkatesan P. Markov chain Monte Carlo methods in Bayesian inference. In: *Applied Bayesian Statistical Analysis. Proceedings of NSABSA, 2008;9-18.*
2. Venkatesan P, Srinivasan R. Bayesian models for HIV-AIDS in India. A spatial analysis. In: *Applied Bayesian Statistical Analysis. Proceedings of NSABSA,2008;51-56.*

3. Venkatesan P, Ponnuraja C. Bayesian separate and joint modeling for controlled clinical trial data using BUGS. In: Applied Bayesian Statistical Analysis. Proceedings of NSABSA,2008;132-138.
4. Balasubramanian R, Ramachandran R. Evolution of chemotherapeutic regimens in the treatment of tuberculosis and their scientific rationale. Book published by Jaypee Brothers Medical Publishers (P) Ltd., New Delhi on Tuberculosis. Second Edition. Ed. Sharma SK and Mohan A. 2009;734-750.
5. Narayanan S, Guleria JS. Reactivation and reinfection tuberculosis. Book published by Jaypee Brothers Medical Publishers (P) Ltd., New Delhi on Tuberculosis. Second Edition. Ed. Sharma SK and Mohan A.2009;656-664.
6. Rathinasabapati R. Digital Archiving in the Tuberculosis Research Centre: A Case Study. "7th International CALIBER 2009 Conference – E content Management: Challenges and Strategies", Pondicherry University, Puducherry.2009;115-119.

ACCEPTED:

International:

1. Anand SP, Selvaraj P. Effect of 1, 25 dihydroxyvitamin D(3) on matrix metalloproteinases MMP-7, MMP-9 and the inhibitor TIMP-1 in pulmonary tuberculosis. Clin Immunol.
2. Babu S, Bhat SQ, Pavan Kumar N, Lipira AB, Kumar S, Karthik C, Kumaraswami V, Nutman TB. Filarial lymphedema is characterized by antigen-specific Th1 and Th17 proinflammatory responses and a lack of regulatory T cells. PLoS Negl Trop Dis.
3. Babu S, Bhat SQ, Kumar NP, Jayantasri S, Rukmani S, Kumaran P, Gopi PG, Kolappan C, Kumaraswami V, Nutman TB. Human type 1 and 17 responses in latent tuberculosis are modulated by coincident filarial infection through cytotoxic T-lymphocyte antigen-4 and programmed death-1. J Infect Dis.
4. Babu S, Bhat SQ, Kumar NP, Anuradha R, Kumaran P, Gopi PG, Kolappan C, Kumaraswami V, Nutman TB. Attenuation of toll-like receptor expression and function in latent tuberculosis by coexistent filarial infection with restoration following antifilarial chemotherapy. PLoS Negl Trop Dis.

5. Babu S, Kumaraswami V, Nutman TB. Alternatively activated and immunoregulatory monocytes in human filarial infections. *J Infect Dis*.
6. Banu Rekha VV, Jaggarajamma K, Wares F, Chandrasekaran V, Swaminathan S. Contact screening and chemoprophylaxis in the Indian TB control programme : A situational analysis. *Int J Tuberc Lung Dis*.
7. Basirudeen S, Rajasekaran S, Swaminathan S, Venkatesan P, Paulkumaran P, Raja A. Role of Interferon gamma release assay in active TB diagnosis among HIV infected individuals. *PLoS One*.
8. Bhat J, Rao VG, Gopi PG, Yadav R, Selvakumar N, Tiwari B, Gadge V, Bhondeley MK, Wares F. Prevalence of pulmonary tuberculosis amongst the tribal population of Madhya Pradesh, central India. *Int J Epidemiol*.
9. Gopalswamy R, Narayanan S, Chen B, Jacobs WR, Av-Gay Y. The serine/threonine protein kinase PknI controls the growth of *Mycobacterium tuberculosis* upon infection. *FEMS Microbiol Lett*.
10. Hemanth Kumar AK, Ramachandran G. Simple and rapid liquid chromatography method for determination of moxifloxacin in plasma. *Journal of Chromatography B*.
11. Kolappan C, Subramani R. Association between Biomass fuel and pulmonary tuberculosis: A nested case-control study. *Thorax*.
12. Kumar V, Raghavan R, Nagamiah S, Chauhan LS. External quality assessment of smear microscopy by the National Reference Laboratory in nine states of India. *Int J Tuberc Lung Dis*.
13. Lakshmi R, Ramesh K, Narayanan PR, Swaminathan S. Antiretroviral drug resistant mutations at baseline and at time of failure of antiretroviral therapy in HIV-1 co-infected TB patients. *AIDS Res Hum Retroviruses*.
14. Madhavan J, Mitra M, Mallikarjuna K, Pranav O, Srinivasan R, Nagpal A, Venkatesan P, Kumaramanickavel G. KIF14 and E2F3 mRNA expression in human retinoblastoma and its phenotype association. *Molecular Vision*.
15. Mimiaga MJ, Thomas B, Mayer KH, Reisner SL, Menon S, Swaminathan S, Periyasamy M, Safren SA. Alcohol use and HIV sexual risk among MSM in Chennai, India. *Int J STD & AIDS*.
16. Nyamathi A, Thomas B, Greengold B, Swaminathan S. Perceptions and health care needs of HIV-positive mothers in India. *Prog Community Health Partnersh*.

17. Padmapriyadarsini C, Pooranagangadevi N, Chandrasekaran K, Subramanyan S, Thiruvalluvan C, Bhavani PK, Swaminathan S. Prevalence of underweight, stunting and wasting among children infected with human immunodeficiency virus in south India. *Int J Ped.*
18. Pokkali P, Das SD, Selvaraj A. Differential up regulation of chemokine receptors on CD56+ NK-cells and their transmigration to the site of infection in tuberculous pleurisy. *FEMS Immunol Med Microbiol.*
19. Raghavan S, Selvaraj P, Swaminathan S, Alagarasu K, Narendran G, Narayanan PR. Haplotype analysis of HLA-A, -B antigens and –DRB1 alleles in south Indian HIV-1 infected patients with and without pulmonary tuberculosis. *Int J Immunogenet.*
20. Raghavan S, Selvaraj P, Swaminathan S, Narendran G. Association of HLA –A*1101 with resistance and B*4006 with susceptibility to HIV and HIV-TB: An *in silico* analysis of promiscuous T cell epitopes. *AIDS Res Hum Retroviruses.*
21. Ramachandran G, Ramesh K, Hemanth Kumar AK, Jagan I, Vasantha M, Padmapriyadarsini C, Narendran G, Rajasekaran S, Swaminathan S. Association of high T allele frequency of CYP2B6 G516T polymorphism among ethnic south Indian HIV-infected patients with elevated plasma efavirenz and nevirapine. *J Antimicrob Chemother.*
22. Ramachandran R, Nalini S, Chandrasekar V, Dave PV, Sanghvi AS, Wares F, Paramasivan CN, Narayanan PR, Sahu S, Parmar M, Chadha S, Dewan P, Chauhan LS. Surveillance of drug-resistant tuberculosis in the state of Gujarat, India. *Int J Tuberc Lung Dis.*
23. Ramana Rao PV Kumar MK, Basirudeen S, Sharma P, Soumya S, Raja A. Improved diagnosis of tuberculosis in HIV-TB patients using RD1 encoded antigen CFP-10. *Int J Infect Dis.*
24. Raparti V, Chitre T, Bothara K, Kumar V, Dangre S, Khachane C, Gore S, Deshmane B. Novel 4-(morpholin-4-yl)-N0-(arylidene) benzohydrazides: Synthesis, anti-mycobacterial activity and QSAR investigations. *Eur J Med Chem.*
25. Ravanan R, Venkatesan P. A simulation study on uncertainties associated with back calculation methodology to HIV/AIDS model. *Int J Inf Sci Comp.*

26. Sekar B, Arunagiri K, Selvakumar N, Serena Preethi K, Menaka K. Low frequency of moaA3 gene among the clinical isolates of *Mycobacterium tuberculosis* from Tamil Nadu and Pondicherry - south eastern coastal states of India. BMC Infect Dis.
27. Selvaraj P, Prabhu Anand S, Harishankar M, Alagarasu K. Plasma 1,25 dihydroxyvitamin D₃ level and expression of vitamin D receptor and Cathelicidin in pulmonary tuberculosis. J Clin Immunol.
28. Senbagavalli P, Geetha ST, Venkatesan P, Ramanathan VD. Defective solubilization of immune complexes and activation of the complement system in patients with pulmonary tuberculosis. J Clin Immunol.
29. Shenoy RK, Suma TK, Kumaraswami V, Rahmah N, Dhananjayan G, Padma S. Antifilarial drugs, in the doses employed in mass drug administrations by the Global programme to eliminate lymphatic filariasis, reverse lymphatic pathology in children with *Brugia malayi* infection. Ann Trop Med Parasitol.
30. Sulochana S, Mitchison DA, Kubendiren G, Venkatesan P, Paramasivan CN. Bactericidal activity of moxifloxacin on exponential and stationary phase cultures of *Mycobacterium tuberculosis*. J Chemother.
31. Thomas BE, Nyamathi A, Swaminathan S. Impact of HIV/AIDS on mothers in southern India: A qualitative study. AIDS and Behav.
32. Thomas BE, Mimiaga MJ, Mayer KH, Menon S, Chandrasekaran V, Murugesan P, Swaminathan S, Safren SA. HIV prevention programs in Chennai, India: are MSM being reached? AIDS Patient Care and STDs.
33. Thomas BE, Swaminathan S, Nyamathi A. Perceptions of health care needs of HIV positive mothers in India. Prog Community Health Partnersh.
34. Thomas BE, Mimiaga MJ, Menon S, Mayer KH, Chandrasekaran V, Murugesan P, Swaminathan S, Safren SA. Unseen and unheard: Predictors of sexual risk behavior and HIV infection among men who have sex with men in Chennai, India. AIDS Educ Prev.
35. Unissa AN, Selvakumar N, Hassan S. Analysis of pyrazinamide resistance in *Mycobacterium tuberculosis* by molecular modeling and docking. Bioinformation.
36. Venkatesan P, Suresh ML. Breast cancer survival prediction using artificial neural network. Int J Comp Sci Network Sec.

37. Wright A, Zignol M, Van Deun A, Falzon D, Gerdes SR, Feldman K, Hoffner S, Drobniewski F, Barrera L, van Soolingen D, Boulabhal F, Paramasivan CN, Kam KM, Mitarai S, Nunn P, Raviglione M; for the Global Project on Anti-Tuberculosis Drug Resistance Surveillance. Epidemiology of antituberculosis drug resistance 2002–07: an updated analysis of the global project on anti-tuberculosis drug resistance surveillance. *The Lancet*.

National

1. Alagarasu K, Selvaraj P, Swaminathan S, Raghavan S, Narendran G, Narayanan PR. CCR2, MCP-1, SDF-1 α and DC-sign gene polymorphisms in south Indian HIV-1 infected patients with and without tuberculosis. *Indian J Med Res*.
2. Banu Rekha VV, Ramachandran R, Kuppu Rao KV, Rahman F, Adhilakshmi AR, Kalaiselvi D, Murugesan P, Sundaram V, Narayanan PR. Assessment of long term status of sputum positive pulmonary TB patients successfully treated with short course chemotherapy. *Indian J Tuberc*.
3. Hanna LE, Nayak K, Subramanyam S, Venkatesan P, Narayanan PR, Swaminathan S. Incomplete immunological recovery following anti-tuberculosis treatment in HIV-infected individuals with active tuberculosis. *Indian J Med Res*.
4. Hemanth Kumar AK, Ramachandran G, Rajasekaran S, C Padmapriyadarsini C, Narendran G, Anitha S, Subramanyam S, Kumaraswami V, Swaminathan S. Pharmacokinetics of lamivudine and stavudine in generic fixed-dose combinations in HIV-1 infected adults in India. *Indian J Med Res*.
5. Jaggarajamma K, Balambal R, Muniyandi M, Vasantha M, Thomas B, Nirupa C, Sudha G, Chandrasekaran V, Wares F. Perceptions of tuberculosis patients about private providers before and after implementation of Revised National Tuberculosis Control Programme. *Indian J Tuberc*.
6. Pokkali S, Rajavelu P, Sudhakar R, Das SD. Phenotypic modulation in *Mycobacterium tuberculosis* strains infected neutrophil during tuberculosis. *Indian J Med Res*.
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