

## Scientist Profile

1. Name: Dr Soumya Swaminathan
2. Designation: Scientist G
3. Date of Birth: May 2 1959
4. Date of Joining: July 1992
5. Date of joining present post: July 2007
6. Discipline: Infectious Diseases (TB, HIV),  
Pediatrics
7. Address (off.): National Institute for Research in  
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12. Educational Qualifications: MD (Ped), MNAMS
13. Research Experience:
  1. Fellowship in Neonatology and Pediatric Pulmonology (1987 - 1989) at the Children's Hospital of Los Angeles, University of Southern California, USA.
  2. Research Fellow (Registrar) in the Dept of Pediatric Respiratory Diseases, University of Leicester, UK: 1989-1990.
  3. Senior Research Officer (Supernumerary Research Cadre), Cardiopulmonary Medicine Unit, Tuberculosis Research Centre, Madras: January to June 1992.
  4. Assistant Director at the Tuberculosis Research Centre, Indian Council of Medical Research, Madras: from July 1992 to June 97, Deputy Director July 97 to



- June 2002, Deputy Director Sr. Grade from July 2002 to April 2008 and Scientist 'G' from May 2008 onwards. Took over as Head of the Division HIV/AIDS in February 2000
5. Coordinator, Research in Neglected Priorities, TDR, WHO: from June 2009 to June 2011
  14. **Membership/Fellowship of Professional Societies/Associations :**  
Fellow, Indian Academy of Pediatrics, Chair, HIV section, International Union Against TB and Lung Diseases, Member, Third World Organization of Women Scientists, Member, International AIDS Society
  15. **Workshops/Conferences/Symposiums (last 5 years)**

**National Conferences**

1. 15<sup>th</sup> Ranbaxy, Round table Conference on HIV and Tuberculosis: Co-infections, New Delhi, January 8, 2005
2. 60<sup>th</sup> Annual Conference of Association of Physicians of India (Diamond APICON 2005), Mumbai, January 22-25, 2005
3. National Seminar on HIV/AIDS Research in India, New Delhi, April 21-22, 2005
4. 1<sup>st</sup> National Conference of AIDS Society of India (ASICON 2005), New Delhi, April 2-4, 2005
5. 9<sup>th</sup> Batch NACO Training Programme on ART Training Program, Chennai, August 31 to September 3, 2005
6. 17<sup>th</sup> Annual Conference of IAP-Respiratory Chapter in association with Environment and Child Health Group of IAP (RESPICON 2005), Bangalore, September 9-11, 2005
7. National Conference on Drug Resistance in Malaria, Tuberculosis and HIV/AIDS, Mumbai, September 19-21, 2005
8. API ART Guidelines meeting, Mumbai, September 23-24, 2005
9. 43<sup>rd</sup> National Conference of the Indian Academy of pediatrics (PEDICON 2006), Mumbai, January 5-8, 2006
10. HIV/AIDS and TB: Past, Present, Future: 2006 (AIIMS 2006), New Delhi, January 13-15, 2006
11. 7<sup>th</sup> Sir Dorabji Tata Symposium, Bangalore, March 10-11, 2006

12. NIH/US Consulate, Clinical Research and Clinical Trials, Mumbai, April 2-4, 2006.
13. National Conference on Research in HIV and AIDS, New Delhi, April 21, 2006.
14. 1<sup>st</sup> SAARC Seminar on Pediatric HIV, Mumbai, June 15-16, 2006.
15. Indo-US Workshop on Bioethics in Clinical Research, New Delhi, June 20-22, 2006.
16. 17<sup>th</sup> CME of Dr. Athavale Research Foundation, Goa, September 9-10, 2006.
17. IX National Conference of Pediatric Infectious Diseases, Chennai, October 14-15, 2006
18. DBT HIV Meeting - "HIV/AIDS: Biology, Immunology and Vaccinology", New Delhi, March 13-14, 2007.
19. Workshop on Fundamentals of Biostatistics in Clinical Research, New Delhi, March 26-28, 2007.
20. Delivered keynote address on "HIV/AIDS update" at Armed Force Medical College, Pune from 26-27 April 2007.
21. AIDS in India 2007: A Regional Workshop-Symposium to enhance HIV/AIDS Research Capacity held at Bangalore, July 10, 2007.
22. Convocation of Jamsetji Tata National Virtual Academy (NVA) Fellows & 4th Convention of the National Alliance for Mission 2007: Every Village a Knowledge Centre "Social Inclusion in Access to the Benefits of Digital Technology held at Indira Gandhi National Open University (IGNOU), New Delhi, August 1-3, 2007.
23. Workshop on Clinical and Translational Research for Prevention, Care and Treatment of HIV-related Co-Morbidities held at New Delhi September 24 – 25, 2007.
24. IMA Symposium on Tuberculosis Management held at Ahmedabad on November 4, 2007.
25. International Conference - Emerging and Re-Emerging Viral Diseases of the Tropics and Sub Tropics (ICVT 2007) held at New Delhi, December 11 – 14, 2007.

26. 95th Session of the Indian Science Congress held at Visakhapatnam January 4–5, 2008.
27. Workshop on Pediatric HIV held at Mumbai, June 8, 2008.
28. 98<sup>th</sup> session of Indian Science Congress held at Chennai, January 4-7 2011. Plenary talk in session "Agriculture, Biotechnology and Nutrition".

### **International Conferences**

1. Expert consultation meeting on TB/HIV Research priorities, WHO, Geneva, February 14-15, 2005.
2. 12<sup>th</sup> conference on Retroviruses and Opportunistic Infections, Boston USA, February 22-25, 2005.
3. 3<sup>rd</sup> International AIDS Society Conference on HIV Pathogenesis and Treatment, Rio de Janeiro, Brazil, July 24-27, 2005
4. Global Forum for Health Research, Mumbai, September 12-16, 2005
5. 36<sup>th</sup> Union World Conference on Lung Health of the International Union against Tuberculosis and Lung Diseases, Paris, USA, October 18-22, 2005
6. 16<sup>th</sup> International AIDS Conference in Toronto, Canada, August 13-18, 2006
7. Indo-US Joint Working Group on Maternal and Child Health, Maternal and Early childhood infections: Interplay, prevention and management, New Delhi, September 19-20, 2006.
8. 4<sup>th</sup> IAS Conference on HIV Pathogenesis, Treatment and Prevention held at Sydney, Australia, July 22 – 25, 2007.
9. 8<sup>th</sup> International Congress on AIDS in Asia and the Pacific held at Colombo, Srilanka, August 19-23, 2007.
10. Regional Consultation on Nutrition and HIV/AIDS in South – East Asia: Evidence, lessons and recommendations for action held at Bangkok, Thailand, October 8 – 11, 2007.
11. Joint Bilateral (Indo – German) Seminar - Antimicrobial Drug Resistance and The Development of New Antibiotics held at New Delhi, November 21 – 25, 2007.
12. 15th Conference on Retroviruses and Opportunistic Infections (CROI 2008) held at Boston, USA from 3 – 6 February 2008.

13. BioVision Alexandria 2008 Conference at Bibliotheca Alexandrina, Alexandria, Egypt, April 12–16, 2008.
  14. 39<sup>th</sup> Union World Conference on Lung Health held at Paris, France, October 16 – 20, 2008.
  15. WHO HIVResNet Steering Committee Meeting held at Geneva, Switzerland, November 4–5, 2008.
  16. 16<sup>th</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2009) held at Montreal, Canada, February 8-11, 2009.
  17. Consultative meeting on “Nutrition and Malaria, TB and other infectious diseases in infants and children” held at Vienna, Austria, March 23-25, 2009.
  18. 41<sup>st</sup> Union World Conference on Lung Health held at Cancun, Mexico December 1-5, 2010.
  19. 17<sup>th</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2009) held at San Francisco, February 8-11, 2010.
  20. 42<sup>nd</sup> Union World Conference on Lung Health held at Berlin, Germany November 16 – 20, 2010.
  21. 18<sup>th</sup> Conference on Retroviruses and Opportunistic Infections (CROI 2010)” in Boston, Massachusetts from February 27 – March 2, 2011.
  22. 6th IAS Conference on HIV Pathogenesis, Treatment and Prevention (IAS 2011)’, in Rome from 17-20 July 2011.
16. Awards: ICMR Kshanika Oration award 2008
  17. Miscellaneous: Member, International Editorial Board “Clinical Infectious Diseases”
  18. Publications (last 5 years)
    1. Chandra Immanuel, Lalitha Victor, K Silambu Chelvi, C Padmapriyadarsini, Fathima Rehman, Sheikh Iliyas and **Soumya Swaminathan**. Serum neopterin levels in HIV infected patients with & without tuberculosis. **Indian J Med Res** 2005; 121: 220-225.
    2. **Soumya Swaminathan**, Aarti Raghavan, Manjula Datta, CN Paramasivan and KC Saravanan. Computerized Tomography detects pulmonary lesions in children with

- normal radiographs diagnosed to have tuberculosis. **Ind Pediatrics** 2005,42:258-262.
3. C. Prabha, S. Karthic, Sulochana D. Dos, **Soumya Swaminathan**, Sudha Subramanyam, B. Sukumar. Impact of Tuberculosis on Serum Leptin Levels in patients with HIV infection. **Hormone** 2005.63:228-233.
  4. **Soumya Swaminathan**, A. Raghavan, M. Duraipandian, A. S. Kripasankar, P. Ramachandran. Short course chemotherapy for paediatric respiratory tuberculosis: 5-year Report. **Int J Tuberc Lung Dis** 9(6), 2005.
  5. Geetha Ramachandran, AK Hemanth Kumar, Prema Gurumurthy, S Rajasekaran, C Padmapriyadarsini, S Bhagavathy, Perumal Venkatesan, L Sekar, **Soumya Swaminathan**. Effect of HIV on pharmacokinetics of antituberculosis drugs. **Contagion** 2004; 2:2-3.
  6. C. Padmapriyadarsini & **Soumya Swaminathan**. Preventive therapy for tuberculosis in HIV infected individuals. **Indian J Med Res**, 2005; 121: 415-423.
  7. **Soumya Swaminathan**, C.N. Paramasivan, C. Ponnuraja, S.Iliayas, S. Rajasekaran, P.R. Narayanan. Anti-tuberculosis drug resistance in patients with HIV and tuberculosis in South India. **Int J Tuberc Lung Dis** 2005. 9(8): 896-900.
  8. Beena E Thomas, Suryanarayanan D, Muniyandi M, Meenalochani Dilip, Rajasekaran S, **Soumya Swaminathan**. Is awareness of HIV enough to alter high-risk behaviour? What do HIV positive individuals have to say? A study from south India. **SAARC Journal of Tuberculosis, Lung Diseases and HIV/AIDS** 2005; II (1): 1-9.
  9. Beena E Thomas, Josephine A, Suryanarayanan D, Fathima Rehman, Padmapriyadarsini, **Soumya Swaminathan**. Gender difference in perceived health related quality of life among persons living with HIV – A study from Chennai, South India. **SAARC Journal of Tuberculosis, Lung Diseases and HIV/AIDS** 2005; II (1): 15-22.
  10. Beena E Thomas, Fathima Rehman, Suryanarayanan D, K Josephine, M. Dilip, V.S. Dorairaj and **Soumya Swaminathan**. 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(7): 795 - 801.
11. **Soumya Swaminathan**, C. Padmapriyadarsini, G. Narendran, Beena E Thomas, S. Anand and Aishwarya R. Immune Reconstitution Syndrome Following Initiation of Antiretroviral Therapy in a Patient with HIV Infection and Multidrug-resistant Tuberculosis. **Indian J Chest Dis Allied Sci** 2005; 47: 299-304.
  12. Hanna LE, Bose JC, Nayak K, Subramanyam S, **Swaminathan S**. Short communication: Influence of active tuberculosis on chemokine and chemokine receptor expression in HIV-infected persons. **AIDS Res Hum Retroviruses** 2005; 21(12): 997-1002.
  13. Ramachandran G, Kumar AK, **Swaminathan S**, Venkatesan P, Kumaraswami V, Greenblatt DJ. Simple and rapid chromatography method for determination of efavirenz in plasma. **J Chromatogr B Analyt Technol Biomed Life Sci** 2006; 835(1-2): 131-135.
  14. **Swaminathan S**, Luetkemeyer A, Srikantiah P, Lin R, Charlebois E, Havlir DV. Antiretroviral therapy and TB. **Trop Doct** 2006; 36(2): 73-79.
  15. Ramachandran G, Hemanth Kumar AK, Rajasekaran S, Padmapriyadarsini C, Narendran G, Sukumar B, Sathishnarayan S, Raja K, Kumaraswami V, **Swaminathan S**. Increasing Nevirapine dose can overcome reduced bioavailability due to Rifampicin coadministration. **J Acquir Immune Defic Syndr** 2006 May; 42(1): 36-41.
  16. Padmapriyadarsini C, Jagdish Chandrabose, Lalitha victor, Luke Elizabeth Hanna, **Soumya Swaminathan**, Arun Kumar et al: Hepatitis B and C coinfection in HIV infected individuals and effect of antituberculosis drugs on their liver functions. **J Postgrad Med** 2006; 52: 92-96.
  17. Kumar AK, Ramachandran G, Saradha B, Narendran G, **Swaminathan S**. Urine nevirapine as a predictor of antiretroviral adherence. **Indian J Med Res** 2006; 123 (4): 565-568.
  18. Narendran G, **Swaminathan S**, Sathish S, Rajasekaran S. Immune reconstitution syndrome in a child with TB and HIV. **Indian J Pediatr** 2006; 73 (7): 627-629.
  19. Selvaraj P, **Swaminathan S**, Alagarasu K, Raghavan S, Narendran G, Narayanan

- P. Association of Human Leukocyte Antigen-A11 With Resistance and B40 and DR2 With Susceptibility to HIV-1 Infection in South India. **J Acquir Immune Defic Syndr.** 2006 Dec 1;43(4):497-9.
20. Nyamathi AM, Suhadev M, **Swaminathan S**, Fahey JL. Perceptions of a Community Sample about Participation in Future HIV Vaccine Trials in South India. **AIDS Behav** 2007 Jul;11(4):619-27.
21. **Soumya Swaminathan**, G. Narendran, Pradeep A. Menon, C. Padmapriyadarsini, N.Arunkumar, N.M. Sudharshanam, S. Ramesh Kumar and S. Chandrasekhar. Impact of HIV infection on radiographic features in patients with pulmonary tuberculosis. **Indian J Chest Dis Allied Sci** 2007; 49: 133-136.
22. Mohanarani Suhadev, Adeline M. Nyamathi, **Soumya Swaminathan**, P. Venkatesan, M. Raja Sakthivel, R. Shenbagavalli, Anitha Suresh & John L. Fahey. A pilot study on willingness to participate in future preventive HIV vaccine trials. **Indian J Med Res** 2006; 124 (6): 631-640.
23. Kumar AK, Ramachandran G, Kumar P, Kumaraswami V, **Swaminathan S**. Can urine lamivudine be used to monitor antiretroviral treatment adherence? **MedGenMed** 2006 Dec 13; 8(4):53
24. Geetha Ramachandran, A.K. Hemanth Kumar, K. Sarala, C. Padmapriyadarsini, S. Anitha, C.B. Tharani, V. Kumaraswami & **Soumya Swaminathan**. Urine levels of rifampicin & isoniazid in asymptomatic HIV-positive individuals. **Indian J Med Res** 2007; 125: 763-766.
25. N. Poorana Ganga Devi, S. Nataraja Rathinam, Ranjani Ramachandran, **Soumya Swaminathan**. Recurrent Herpes Zoster in Early Childhood. **Indian J Pediatr** 2007 Aug;74(8):774-6.
26. Banu Rekha and **Soumya Swaminathan**. Childhood tuberculosis – global epidemiology and the impact of HIV. **Paediatr Respir Rev.** 2007 Jun;8(2):99-106.
27. Lakshmi S, Ramesh K, Valerie Jauvin, Marie Helene Schrive, Ranjani Ramachandran, Narayanan P.R, Herve J Fleury, **Soumya Swaminathan**. Characterization of HIV-1 Isolates from Anti-retroviral Naive Children in South India. **AIDS Res Hum Retroviruses** 2007 Sep;23(9):1119-26.

28. Hemanth Kumar AK, Ramachandran G, Kumar P, Anitha S, Rajasekaran S, **Swaminathan S**. Effect of anticoagulants on plasma nevirapine and efavirenz concentrations. **Ther Drug Monit** 2007; 29(5):652-4.
29. Geetha Ramachandran, A.K. Hemanth Kumar, B. Sukumar, V. Kumaraswami, **Soumya Swaminathan**. Single dose pharmacokinetics of Efavirenz in Healthy Indian Subjects. **SAARC Journal of Tuberculosis, Lung Diseases and HIV/AIDS** 2007; IV (1): 38-43.
30. Kalichamy Alagarasu, Paramasivam Selvaraj, **Soumya Swaminathan**, Sampathkumar Raghavan, Gopalan Narendran, Paranji R.Narayanan. Mannose binding lectin gene variants and susceptibility to tuberculosis in HIV-1 infected patients of south India. **Tuberculosis** 2007;87(6):535-43.
31. V.V. Banu Rekha, Rani Balasubramanian, **Soumya Swaminathan**, Rajeswari Ramachandran, Fathima Rahman, V. Sundaram, K.Thyagarajan, N. Selvakumar, A.R. Adhilakshmi, Sheik Iliayas & P.R. Narayanan. Sputum conversion at the end of intensive phase of Category-1 regimen in the treatment of pulmonary tuberculosis patients with diabetes mellitus or HIV infection: An analysis of risk factors. **Indian J Med Res** 126, November 2007, pp 452-458.
32. Geetha Ramachandran, A.K. Hemanth Kumar, S. Rajasekaran, C. Padmapriyadarsini, G. Narendran, S. Anitha, Sudha Subramanyam, V. Kumaraswami and **Soumya Swaminathan**. Steady-state pharmacokinetics of Nevirapine in HIV-1 infected adults in India. **J Int Assoc Physicians AIDS Care** 2007; 6(4): 251-254.
33. **Soumya Swaminathan**, Padmapriyadarsini.C, Ranjani Ramachandran, Pradeep A Menon, Nalini S Mohan, Kubendiran G, Paramasivan C.N. Localized Pulmonary Mycobacterium avium Disease in Acquired Immunodeficiency Syndrome. **J Int Assoc Physicians AIDS Care (Chic Ill)**. 2007; 6(4): 264-268.
34. **Swaminathan S**, Padmapriyadarsini C, Ponnuraja C. Sumathi CH, Rajasekaran S, Amerandran VA, Reddy MVK, Deivanayagam CN. Miliary Tuberculosis in Human Immunodeficiency virus (HIV) infected Patients Not on Antiretroviral Therapy: Clinical Profile and Response to Short Course Chemotherapy. **J Postgrad Med** 2007; 53 (4): 228-231.

35. Beena E Thomas, Ranjani Ramachandran, Anitha S, **Soumya Swaminathan**. Feasibility of routine HIV testing among TB patients through a Voluntary, Counseling and Testing Centre (VCTC). **Int J Tuberc Lung Dis** 2007 11(12):1296–1301.
36. **Soumya Swaminathan**, Ramnath Subbaraman, Perumal Venkatesan, Sudha Subramanyam, S. Ramesh Kumar, Kenneth H. Mayer, P.R. Narayanan. Tuberculin skin test results in HIV-infected patients in India: Implications for latent tuberculosis treatment. **Int J Tuberc Lung Dis** 2008; 12(2):168–173.
37. **Soumya Swaminathan**, C. Padmapriyadarsini, B. Sukumar, Sheikh Iliyas, C.Triveni, R.Gomathy, S. Ramesh Kumar, Mohanarani Suhadev, Minnie Mathew, P.R.Narayanan. Nutritional status of persons with HIV infection, persons with HIV infection and tuberculosis, and HIV-negative individuals from southern India. **Clin Infect Dis** 2008; 46(6): 946-949.
38. Siddharth Bakshi, Geetha Ramachandran, Karunaianandham Ramesh, Agibothu K. Hemanthkumar, Suresh Anitha, Chandrasekaran Padmapriyadarsini, Gopalan Narendran, Pradeep A. Menon, Sikhamani Rajasekaran, **Soumya Swaminathan**. Study of ABCB1 polymorphism (C3435T) in HIV-1-infected individuals from south India. **Br J Clin Pharmacol**. 2008; 65(5):791-2
39. **Soumya Swaminathan**, C.N.Deivanayagam, P. Venkatesan, S.Rajasekaran, C. Padmapriyadarsini, Pradeep. A. Menon, C.Ponnuraja, Meenalochani Dilip, P.R.Narayanan. Long term follow up of HIV TB patients treated with 6 months intermittent short course chemotherapy (CAT I regimen). **The National Medical Journal of India** 2008; 21: 3-8.
40. **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(7):941-6.
41. 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(3):256-65.

42. 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(5):664-71.
43. **Soumya Swaminathan**, Manjula Datta, M.P.Radhamani, Sara Mathew, AM Reetha, Sarala Rajajee, Rema Mathew, A Radhakrishnan, MB Raghu. A profile of bacteriologically confirmed pulmonary tuberculosis in children. **Indian Pediatr** 2008; 45(9): 743-747.
44. 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(4): 558-60.
45. Thomas BE, Nyamathi A, **Swaminathan S**. Impact of HIV/AIDS on Mothers in Southern India: A Qualitative Study. **AIDS Behav** 2009; 13(5):989-96.
46. Alagarasu K, Selvaraj P, **Swaminathan S**, Narendran G, Narayanan PR. 5' Regulatory and 3' Untranslated Region Polymorphisms of Vitamin D Receptor Gene in South Indian HIV and HIV-TB Patients. **J Clin Immunol**. 2009; 29(2):196-204.
47. Poorana Ganga Devi.N, Shenbagavalli.R, Sudha Subramanyam, Subramani.K, Ramesh.K, Nataraja Rathinam.S, **Soumya Swaminathan**. Rapid progression of HIV infection in infancy. **Indian Pediatr**. 2009 Jan 7; 46(1):53-56.
48. **Soumya Swaminathan**, L. Antony, P. Venkatesan, Luke Elizabeth Hanna, B. Angayarkanni, C. Ponnuraja, Jim Robin, K. Lucia Precilla and Ranjani Ramachandran. Sensitivity and specificity of combination testing algorithms for human immunodeficiency virus (HIV) in a tuberculosis clinic. **Indian J Med Res**. 2009; 128(6):772-4.
49. **Soumya Swaminathan** and G Narendran. HIV and Tuberculosis in India. **J Biosci**. 2008; 33(4):527-37.
50. 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(3):863-8.
51. 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(2):256-62.
  52. 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(2):217-24.
  53. 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.** 2009; 63(4):841-3.
  54. Syed Ahamed Kabeer B, Sikhamani R, **Swaminathan S**, Perumal V, Paramasivam P, Raja A. Role of interferon gamma release assay in active TB diagnosis among HIV infected individuals. **PLoS ONE.** 2009; 4(5):e5718.
  55. 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** 2009; 36(3):129-33.
  56. Luke Elizabeth Hanna, Kaustuv Nayak, Sudha Subramanyam, Perumal Venkatesan, Paranji Ramaiyengar Narayanan and **Soumya Swaminathan**. Incomplete immunological recovery following anti-tuberculosis treatment in HIV-infected individuals with active tuberculosis. **Indian J Med Res** 2009, 129: pp 548-554.
  57. C. Padmapriyadarsini, N. Pooranagangadevi, K. Chandrasekaran, Sudha Subramanyam, C.Thiruvalluvan, PK. Bhavani, **Soumya Swaminathan**. Prevalence of Underweight, Stunting and Wasting among children infected with Human Immunodeficiency Virus in South India. **International Journal of Pediatrics.** Volume 2009 (2009), Article ID 837627.
  58. Adeline Nyamathi, Beena Thomas, Barbara Greengold, and Soumya Swaminathan. Perceptions and Health Care Needs of HIV-Positive Mothers in

- India. **Progress Community Health Partnerships** 2009; 3.2: 99-108. (Original Article)
59. Adeline Nyamathi, Beena Thomas, Barbara Greengold, and Soumya Swaminathan. Perceptions and Health Care Needs of HIV-Positive Mothers in India. **Progress Community Health Partnerships** 2009; 3.2: 93-94. (Community Policy Brief).
60. S. Ramesh Kumar, **Soumya Swaminathan**, Timothy Flanigan, Kenneth H Mayer, Raymond Niaura. HIV and Smoking in India. **Indian J Med Res** 2009; 130: 15-22.
61. Banu Rekha VV, Fraser Wares, Jagarajamma K, Chandrasekaran V, **Soumya Swaminathan**. Contact screening and chemoprophylaxis in India's Revised Tuberculosis Control Programme: a situational analysis. **Int J Tuberc Lung Dis** 2009 Dec;13(12):1507-1512.
62. Beena Thomas, Matthew J. Mimiaga, Kenneth H. Mayer, Sunil Menon, V. Chandrasekaran, P. Murugesan, **Soumya Swaminathan**, & Steven A. Safren. HIV Prevention Interventions in Chennai, India: Are MSM Being Reached? **AIDS Patient Care STDS** 2009; 23(11): 981-986.
63. Beena Thomas, Matthew J. Mimiaga, Sunil Menon, V. Chandrasekaran, P. Murugesan, **Soumya Swaminathan**, Kenneth H. Mayer, Steven A. Safren. Unseen and Unheard: Predictors of sexual risk behaviour and HIV infection among men who have sex with men (MSM) in Chennai, India. **AIDS Educ Prev** 2009; 21(4):372-83.
64. Hemanth Kumar AK, Ramachandran G, Rajasekaran S, Padmapriyadarsini C, Narendran G, Anitha S, Subramanyam S, Kumaraswami V, **Swaminathan S**. Pharmacokinetics of lamivudine & stavudine in generic fixed-dose combinations in HIV-1 infected adults in India. **Indian J Med Res** 2009;130(4):451-7.
65. Alagarasu K, Selvaraj P, **Swaminathan S**, Raghavan S, Narendran G, Narayanan PR. CCR2, MCP-1, SDF-1a & DC-sign gene polymorphisms in HIV-1 infected patients with & without tuberculosis. **Indian J Med Res** 2009;130(4):444-50.
66. Thomas BE, Chandra S, Selvi KJ, Suriyanarayanan D, **Swaminathan S**. Gender differences in sexual behaviour among people living with HIV in Chennai, India.

- Indian J Med Res** 2009; 129(6):690-4.
67. Vijay S, **Swaminathan S**, Vaidyanathan P, Thomas A, Chauhan LS, Kumar P, Chiddarwar S, Thomas B, Dewan PK. Feasibility of provider-initiated HIV testing and counselling of tuberculosis patients under the TB control programme in two districts of South India. **PLoS One** 2009; 4(11):e7899.
68. Rajesh L, Karunaianantham R, Narayanan PR, **Swaminathan S**. Antiretroviral drug-resistant mutations at baseline and at time of failure of antiretroviral therapy in HIV type 1-coinfected TB patients. **AIDS Res Hum Retroviruses** 2009; 25(11):1179-85.
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