

Scientist Profile

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| 1. Name | Dr.S.Ramesh Kumar |
| 2. Designation | Scientist C (Medical) |
| 3. Date of Birth | 10.12.1974 |
| 4. Date of Joining | 19.05.2003 |
| 5. Date of joining present post | 01.09.2008 |
| 6. Discipline | Internal medicine |
| 7. Address (off.) | Ward 62 (Upstairs)
National Institute for Research in
Tuberculosis (ICMR)
Government Rajaji Hospital,
Madurai |
| 8. Address (resi.) | Plot no 77 Thamarai street ,
Ayyavudevar nagar,
Iyer Bingalow, Madurai- 625014 |
| 9. Telephone (off.) | +91 452 2534351; +91 452 2521718 |
| 10.Fax | +91 (044) 28362528 |
| 11.Email address | drrameshskumar@yahoo.co.in;
ramesh@trcchennai.in |
| 12.Educational Qualifications | MBBS, CRC |
| 13.Research Experience | |

Research participation:

1. Controlled clinical trial evaluating the short course (RNTCP) regimens in pulmonary tuberculosis in HIV infected_Patients (Study 20 a)

2. Controlled Clinical trial of Preventive therapy for tuberculosis in HIV infected patients(Study 20 b)

3. Study of Efficacy and tolerability of Moxifloxacin and Gatifloxacin containing regimens in the patients with sputum positive pulmonary tuberculosis (Study 22)

4. Study to assess the nutritional status of HIV infected patients and Nutritional intervention (Nutrition study)

5. Evaluation of safety and efficacy of two different once daily anti-retroviral treatment regimens along with anti-tuberculosis treatment in patients with HIV-1 and Tuberculosis. (Study 23)

Ongoing Studies:-

1. A Randomized Controlled Clinical Trial Comparing Daily Vs. Intermittent 6 – month Short Course Chemotherapy in Reducing Failures & Emergence of Acquired Rifampicin Resistance (ARR) in Patients with HIV and Pulmonary Tuberculosis ((Study 25)

[subject recruitment started] Role: Co -PI

2. Randomized clinical trial to study the effect and tolerability of 3- and 4-month regimens containing moxifloxacin in the treatment of patients with sputum smear and culture positive pulmonary tuberculosis (Study 24)*[subject recruitment started]*

3. Pharmacokinetics of anti-tuberculosis drugs in children: impact of age, nutritional status and HIV infection*[subject recruitment started] Role: Co -PI*

4. Study to evaluate the effect of Physician's advice in quitting smoking in HIV and TB patients in South India – A Pilot study(Smoking cessation study) *[subject recruitment started] Role: PI*

5. Comparative Pharmacokinetics of rifampicin during daily and intermittent dosing in HIV-TB patients. *[subject recruitment started] Role: Co -PI*

6. HIV associated Lipodystrophy Syndrome in Children: Role of Nutrition, ART & Genes*[subject recruitment started] Role: Co -PI*

7. The impact of Anti Retroviral Therapy on economic and health status of HIV positive individuals taking treatment in government health facilities in Tamil Nadu, South India. [*subject recruitment yet to begin*] Role: Co -PI

14. Membership/Fellowship of Professional Societies/Associations : Nil

15. Workshops/Conferences/Symposiums

1. Attended WHO Sponsored “Short term Training programme for Doctors on HIV/ AIDS” in National AIDS Research Institute (ICMR) Pune from 3rd to 7th September 2001.
2. Participated in the “2nd National HIV Medicine Update” held at Hotel Le Meridian, Pune from 11th to 12th January 2003 by CHART –INDIA (An Indo American Initiative by University of South Florida [USA] and Grant Medical Foundation, Ruby Hall Clinic, Pune)
3. Attended “Quality STI Training Programme” conducted from 27th to 28th September 2003 by Meenakshi Mission Hospital and Research Centre, Madurai/USAID/NACO.
4. Attended “National Conference on Management of HIV/AIDS in Resource restricted Settings” held in Hotel Taj Residency, Mumbai from 20th to 22nd February 2004.
5. Attended “Workshop on HIV Update” held at Hotel saratha Rajans, Madurai on 15th and 16th July 2004 organised by VCTC, Madurai and Centre for AIDS Rehabilitation and Education.
6. Participated in the “Workshop on Biomedical information Retrieval” from 14th to 17th December 2004 dealing about Biomedical Resources available through the internet as well as how to search the information from these sources, Organised by the National Informatics Centre, Ministry of Communications and information Technology, Govt of India, New Delhi.
7. Attended STD/HIV/AIDS PREVENTION EDUCATION (SHAPE) by Meenakshi Mission Hospital and Research Centre, Madurai on 30.07.2005.

8. Attended the “Scientific Writing Workshop” organized by University of Alabama from 21st to 24th Aug 2007 held in Tuberculosis Research Centre, Chennai
9. Participated in the Good Clinical Practices (GCP) workshop organized by the National Institute of Health (NIH), USA/ Family Health International (FHI) at the Hyatt hotel, New Delhi from 27-28 September 2007.
10. Participated in the “Chennai ART Symposium (CART 2008)” organized by YRG CARE, Chennai at Hotel GRT Grand days from 11-12 January 2008.
11. Participated in the Observational Studies workshop organized by the Indo-US Collaboration (NIH and FHI) held at Taj Residency in Lucknow from 10 – 12th December 2008
12. Participated in "Bio ethics symposium" by YRG CARE, Chennai at GRT Convention Centre, Chennai on January 8, 2010.
13. Participated in the "Workshop on Impact Evaluation in Public Health Programs" organized by National Institute of Epidemiology/SAATHI/ University of California- Berkeley held from 11-15 July 2011 at Hotel Vijay Park, Chennai, India

Conferences/Workshop/CME programmes/Training in USA

1. Attended “HIV/AIDS Counseling & Testing: Core standards and Practice”, from May 16th to 17th, 2006 at SSTAR, Fall river, Massachusetts, USA.
2. Attended “Advanced CME Course in HIV Pathogenesis, Antiretrovirals, and other Selected issues in HIV Disease management” at the JW Marriott on Pennsylvania Avenue, in Washington DC, USA on May 19, 2006, organized by The International AIDS Society-USA.

3. Attended “Regional TB Conference –2006” on May 25,2006, at Stonehill college, Easton, Massachusetts, organized by Massachusetts Department of Public Health.
4. Attended “2nd Annual Vaccine Renaissance” from June 7th to June 9,2006 held in Westin Hotel, Providence,USA
5. Attended summer course in Biostatistics and Epidemiology The Johns Hopkins University, Bloomberg School of public health, Baltimore, Maryland, USA from 3rd July 2006 to 7th July 2006
6. Attended the Grant workshop from 14th August to 18th August 2006 at Conference Center in Harvard School of Medicine, Boston ,USA.
7. Completed six months of Advanced training in HIV/AIDS clinical trials from 3rd April 2006 to 3rd October 2006 in Miriam Hospital/Brown University, Providence, RI,USA

16.Awards

The paper titled “Impact of HIV Infection on Chest Radiographic findings in patients with pulmonary tuberculosis” which was presented at the National Conference on Management of HIV/AIDS in Resource restricted settings at Mumbai during Feb 2004 bagged the 2nd prize for the best poster presentation

17.Miscellaneous

Passed CRC (Clinical Research Coordinator) certification examination conducted by ACRP (Association of Clinical Research Professionals)

Completed the CITI Basic course on Health Research(Ethical principles) on 26.09.2006 and scored 100% and also Refresher/recertification for the same in May 2009.

18.Publications

1. Soumya Swaminathan, C.N.Paramasivam, S.Ramesh Kumar, Victor Mohan, P.Venkatesan Unrecognized Tuberculosis in HIV infected patients: Sputum Culture is a useful tool. Int J Tuberc Lung Dis. 2004 Jul;8(7):896-8.
2. SoumyaSwaminathan, G.Narendran,Pradeep. Menon, C.Padmapiyadarsini, N.Arunkumar, N.M.Sudharshanam, S.RameshKumar

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

3. S. Swaminathan, R. Subbaraman,P. Venkatesan,S. Subramanyam,S. R. Kumar, K. 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 12(2):168–173

4. Soumya Swaminathan,C. Padmapriyadarsini,B. Sukumar, Sheikh Iliayas, S. Ramesh Kumar,C. Triveni,P. Gomathy,Beena Thomas, Minnie Mathew,and P. R. Narayanan: Nutritional Status of Persons with HIV Infection, Persons with HIV Infection and Tuberculosis, and HIV-Negative Individuals from Southern India
Clinical Infectious Diseases 2008;46:946–949

5. S.Ramesh Kumar, Soumya Swaminathan, Timothy Flanigan, Kenneth Mayer, Raymond Niaura. HIV & Smoking in India . Indian J Med Res 130, July 2009, pp 15-22

6. Swaminathan S, Narendran G, Venkatesan P, Iliayas S, Santhanakrishnan Rameshkumar, Menon PA, Padmapriyadarshini C, Ramachandran R, Chinnaiyan P, Suhadev M, Sakthivel R, Narayanan P. Efficacy of 6 vs. a 9-month intermittent treatment regimen in HIV- infected TB patients: A randomized clinical trial. Am J Respir Crit Care Med.2009 Dec 3

7. Ramesh Kumar S, Narendran Gopalan, Paru Patrawalla, Pradeep Menon, Kenneth Mayer, Soumya Swaminathan. Immune Reconstitution Inflammatory syndrome in HIV-infected patients with and without prior tuberculosis
-Accepted for publication in International Journal of STD/AIDS-

8. Padmapriyadarsini C, Ramesh Kumar S, Norma Terrin, Narendran G, Pradeep A Menon, Geetha Ramachandran, Sudha Subramanyan, Perumal Venkatesan, Christine Wanke, Soumya Swaminathan. Dyslipidemia among HIV-infected tuberculosis patients taking Once-daily Non-Nucleoside Reverse Transcriptase inhibitor based Antiretroviral Therapy in India. Clin Infect Dis 2011; 52(4):540-6.

9. Soumya Swaminathan, Padmapriyadarsini C, Venkatesan P, Narendran G, Ramesh Kumar S, Sheik Iliayas, Pradeep A Menon, Sriram Selvaraju, Pooranagangadevi N, Bhavani PK, Ponnuraja C, Meenalochani Dilip, Ranjani Ramachandran. Efficacy and Safety of once-daily nevirapine or efavirenz based antiretroviral therapy in HIV-associated Tuberculosis: A Randomized Clinical Trial. *Clinical Infectious Diseases* 2011;53(7):716–724