

Conferences / Workshops / Training Programs Attended

1. Symposium on “Genes to Drugs: *In-silico* approaches” held at Pune during April 2008 – Jagadish Chandrabose & Sameer Hassan.
2. BioVision Alexandria 2008 Conference held at Alexandria, Egypt during April 2008 - Soumya Swaminathan.
3. Invited talk titled “Recent Advances in Computational Biology” presented at the National workshop on Mathematical aspects of scientific computing, held at Sathyabama University, Chennai during April 2008 – P. Venkatesan (Chairperson).
4. Ranbaxy Science Foundation – Challenges of MDR/XDR – Invited for panel discussion on reactivation/reinfection held at New Delhi during May 2008 - Sujatha Narayanan.
5. Invited talk at the ‘Brain storming session of Open source drug development - New drug development’ held at CSIR, New Delhi during May 2008 - Sujatha Narayanan.
6. Invited talk titled “Markov Chain Monte Carlo Methods in Bayesian Inference” presented at the UGC – National Seminar on Applied Bayesian Statistical Analysis held at Govt. Arts College, Salem, during May 2008 – P. Venkatesan.
7. Seminar on “Software reliability modeling using neural networks” held at the Centre for Reliability, Chennai, during May 2008 – P. Venkatesan.
8. Paper titled “Bayesian Separate and Joint modeling for controlled clinical trial data using BUGS” presented at the National Seminar on Applied Bayesian Statistical Analysis, held at Department of Statistics, Govt. Arts & Science College, Salem during May 2008 – C. Ponnuraja
9. Short Course in BioStatistics - Multiple Linear Regression, Logistic Regression in Survival Analysis held at Christian Medical College, Vellore during June 2008 - G. Narendran.
10. Workshop on Pediatric HIV held at Mumbai during June 2008 - Soumya Swaminathan.
11. Workshop on Clinical trials Registry India and Medical writing sponsored by NIMS, ICMR and WHO held at Bangalore during June 2008 – Banu Rekha VV.

12. Invited talk titled “Statistical methodological issues” presented at the National Statistical Day Seminar held at the University of Madras, Chennai, during June 2008 – P. Venkatesan.
13. Guest lecture on “Tuberculosis’ at the Respiratory Ailments Awareness Programme organized by the Nandalala Medical Foundation, Chennai, during July 2008 - M.S. Jawahar.
14. Workshop on “NIH Grants Policy and Management Training” held at New Delhi during July-August 2008 – Alamelu Raja.
15. Advanced Training in HIV/AIDS Clinical Trials held at Brown University, Providence, USA during July - November 2008 - Soumya Swaminathan.
16. Poster presentation (Psychosocial and demographic predictors of HIV risk and HIV infection in men who have sex with men in Chennai, India) at XVII International AIDS conference held at Mexico City, Mexico during August 2008 - Beena E. Thomas.
17. Zonal Task Force of Medical Colleges, South Zone, organized by Govt. Medical College, Thiruvananthapuram during August 2008–M.S. Jawahar.
18. Invited talk titled “Mathematical Models for Biomedical Applications” presented at the National Conference on Mathematical Modeling in Global Perspective at the Velammal Engineering College, Chennai during August 2008 – P. Venkatesan (Chief Guest).
19. Paper titled “How to write a scientific paper and critique of a scientific paper” presented at the Research Methodology Workshop held at SRM Medical College, Chennai, during September 2008 – P. Venkatesan (Resource person).
20. Workshop on “Data mining and Data Warehousing” held at Indian Statistical Institute, Kolkata during September 2008 – P. Venkatesan.
21. Paper titled “Statistical methods for clinical data management” presented at the Workshop on Informatics in Medicine held at Tuberculosis Research Centre, Chennai during September 2008 – P. Venkatesan (Resource person).
22. Paper titled ”Statistical methods for microarray data analysis” presented at the Symposium on Microarray Data Analysis held at SRM Dental College, Chennai during September 2008 - P. Venkatesan (Chief Guest).

23. NATCON–SEARO Conference 2008 held at New Delhi during September 2008:
Guest lectures titled: a) “Conducting Clinical Trials for TB treatment in India - Perspectives of the Principal Investigator”, and
b) “Shortening Tuberculosis Treatment – TRC experience”-M.S. Jawahar.
c) “Emergence of XDR TB-TRC Experience” - Aleyamma Thomas.
24. Zonal Task Force (West Zone) organized by Goa Medical College, Goa during September 2008 - N. Selvakumar.
25. Guest lecture on “Pot method of staining Acid Fast Bacilli” at MICROCON 2008 held at Pune during September 2008 - N. Selvakumar.
26. Workshop on Biostatistics in Clinical Research held at New Delhi during September 2008 - Pradeep A Menon.
27. Meeting to approve the Memorandum of Understanding and Bye-laws of our society organized by the Association of MSSW Alumni held at Madras School of Social Work, Chennai during September 2008 - Dr. Beena E. Thomas.
28. Lecture on “Mycobacteriophage Genomics” held at Thanthai Hans Roever College, Perambalur, during September 2008 - Sameer Hassan.
29. Lecture on ‘Data Safety and Monitoring Boards’ during the Training Programme on Good Clinical Practices and Ethics, organized by the Indian Council of Medical Research under the Golden Triangle Partnership Scheme held at Chennai during October 2008 - M.S. Jawahar.
30. National Task Force (CME & Workshop) held at New Delhi during October 2008 - Aleyamma Thomas.
31. Paper titled “Impact of HIV/AIDS on Mothers in Southern India: A Qualitative Study” presented at NIMH International Research Conference on the Role of Families in Preventing and Adapting to HIV/AIDS, held at Providence, USA during October 2008 - Beena E. Thomas.
32. XXVI Annual National Conference of the Indian Society for Medical Statistics held at Nainital during October 2008:
a) “MCMC based calibration models for spectroscopic data” – P. Venkatesan.
b) “An empirical investigations from meta-analysis using randomized controlled clinical trials in a particular centre” - C. Ponnuraja.

33. Paper titled “A Phase 1 Study to Evaluate the Safety and Immunogenicity of a Recombinant Modified Vaccinia Ankara (rMVA) Virus Preventive Multigenic HIV subtype C Vaccine (TBC-M4) in Indian volunteers” presented at the Keystone Symposia ‘Pathogenesis & control of emerging infections & drug-resistant organisms’ held at Bangkok, Thailand during October 2008 - V.D. Ramanathan.
34. Paper titled “Multivariate Analysis – An Overview” presented at the Research Methodology Workshop held at PSG Medical College, Coimbatore, during October 2008 – P. Venkatesan (Resource person).
35. Invited talk titled “Multivariate analysis during SPSS” presented at the National Workshop on Applied Statistical Methods using SPSS held at Presidency College, Chennai, during October 2008 – P. Venkatesan (Resource person).
36. Invited talk titled “Machine learning approaches for pattern recognition” presented at the National Conference on Pattern Recognition held at Periyar University, Salem during October 2008 – P. Venkatesan.
37. Technical working group meeting on HIV-TB held at New Delhi (MOHFW/NACO) during November 2008 - Aleyamma Thomas.
38. Guest lecture on ‘Multi Drug Resistant Tuberculosis – the challenges ahead’ at the Regional CME organized by the Andhra Pradesh Chapter of the Association of Physicians of India and the Department of Medicine and Preventive Medicine of the Sree Venkateswara Medical College, Tirupati during November 2008 - M.S. Jawahar.
39. Guest lecture on “Advance in the development of Rapid Tests for the diagnosis of Pulmonary Tuberculosis” at NAPCON 2008 held at Lucknow during November 2008 – N. Selvakumar.
40. Guest lecture at 31st Andhra Pradesh TB & Chest Diseases Conference held at Nellore, Andhra Pradesh during November 2008 - Soumya Swaminathan.
41. Training on advanced genotyping techniques at Tufts University, Boston, USA during November 2008 - February 2009 – K. Ramesh.
42. Guest lecture on “Clinical features of opportunistic infections” in the CME on Pediatric HIV held at Puducherry during December 2008 - Soumya Swaminathan.

43. Invited talk on “Tuberculous pleuritis: A model to understand stress-induced Immunomodulation” at 4th DAE-BRNS Life Sciences Symposium (LSS-2008) on “Recent Advances in Immunomodulation in Stress and Cancer” held at Bhabha Atomic Research Centre, Mumbai during December 2008 – D. Sulochana.
44. Poster presentations at International Symposium on Emerging Trends in Tuberculosis Research - Biomarkers, Drugs & Vaccine held at ICGEB, New Delhi during December 2008 - D. Anbarasu, P.V. Ramana Rao, M. Madhan Kumar, S. Basirudeen & P. Rajashree.
45. Ranbaxy science foundation held at New Delhi during December 2008 - Aleyamma Thomas & Soumya Swaminathan.
46. 35th Annual conference of Indian Immunology Society held at Institute of Life Sciences, Bhubaneswar during December 2008 - Alamelu Raja & P.V. Ramana Rao.
47. Workshop on “Monitoring progress towards millennium development goals for TB in India” held at Bangalore during December 2008 – C. Kolappan & R. Subramani.
48. Second SAARC Conference on TB & HIV/AIDS & Respiratory Diseases. held at Kathmandu, Nepal during December 2008 - N. Selvakumar, Prabu Seenivasan, V.N. Azger Dusthacker, S. Balaji, M. Radhakrishnan, K Jaggarajamma & Mohanarani Suhadev.
49. Short course on Fundamentals of Biostatistics, Principles of Epidemiology, SAS (Statistical Analysis System) & Statistical Package for Social Science (SPSS), held at Christian Medical College, Vellore during December 2008 - Jagadish Chandrabose.
50. Guest lecture on ‘Funding Opportunities for Medical Research’ during the seminar in connection with the Platinum Jubilee celebrations of the Medical Council of India, organized by the Tamil Nadu Dr. MGR Medical University, Chennai during December 2008 - M.S. Jawahar.
51. IX National conference of FAIIE held at Tuberculosis Research Centre, Chennai during December 2008 – P. Venkatesan (Chair person).
52. Paper titled “Artificial neural networks” presented during the Refresher course for college teachers at Pondicherry University, Puducherry during December 2008 – P. Venkatesan (Resource person).
53. Workshop on “Bayesian Statistics using Open Bugs and R” held at St. Thomas College, Pala, during December 2008 – P. Venkatesan.

54. Annual endowment lecture at Govt. Rajaji Hospital, Madurai during January 2009 - Aleyamma Thomas.
55. Guest lecture at the Department of Biochemistry, Mohamed Sathak College, Chennai during January 2009 – Geetha Ramachandran.
56. Keystone on “Tuberculosis: Biology, Pathology and Therapy” held at Keystone, USA during January 2009 - Alamelu Raja.
57. Guest lecture on “INH preventive treatment for HIV-infected patients in India” at the 64th Annual Conference of Association of Physicians of India held at New Delhi during January 2009 – Soumya Swaminathan.
58. 61st Annual National Conference on Indian Psychiatric Society held at Institute of Mental Health & Hospital, Agra during January 2009 - Pradeep A. Menon.
59. Research dissemination workshop with Collaborators from Harvard Medical College, USA held at Tuberculosis Research Centre, Chennai during January 2009 - Beena E. Thomas.
60. Invited talk titled “Recent Advances in Biostatistical Methods” presented at the Technical Symposium on Biostatistical Tools and its Application held at SDNB Vaishnav College, Chennai during January 2009 – P. Venkatesan.
61. Paper titled “Stochastic Models for HIV/AIDS Projection” presented at the National Conference on Recent Advances in Pure and Applied Mathematics at DG Vaishnav College, Chennai during January 2009 – P. Venkatesan (Chief Guest).
62. Paper titled “Statistical Methods for Molecular Computing” presented at the Workshop on “Career oriented soft skills development in statistics” held at Bharathiar University, Coimbatore during January 2009 – P. Venkatesan (Resource person).
63. Guest lecture on ‘TB epidemiology, control and drug resistance’ at the Third International Short Course in Clinical Tropical Medicine, organized by Christian Medical College, Vellore during February 2009 - M.S. Jawahar.

64. Guest Lecture on “Recent advances in rapid diagnosis of MDR Tuberculosis” at the “Recent scenario of Co-infections in HIV/AIDS” sponsored by Tamilnadu State AIDS Control Society held at Institute of Microbiology, Madras Medical College & Government General Hospital, Chennai during February 2009 - N. Selvakumar.
65. Seventh International CALIBER 2009 - E Content Management: Challenges and Strategies”, held at Pondicherry University, Puducherry during February 2009 – R. Rathinasabapati.
66. Papers presented at the XI Annual Conference of Society of Statistics, Computer and Applications, held at Department of Statistics, University of Madras, Chennai during February 2009 - C. Ponnuraja & M. Vasantha.
67. Guest lecture at the National Seminar on Enzyme Technology at GR Damodharan College of Science, Coimbatore, during February 2009 – Geetha Ramachandran.
68. ICMR-Workshop on Clinical Data Management held at Mumbai during February 2009 - Jagadish Chandrabose & Sameer Hassan.
69. Oral presentation titled “Once daily Nevirapine versus Efavirenz in the treatment of HIV-infected patients with tuberculosis: A Randomized Clinical Trial” and poster presentations titled “Acquired Rifampicin Resistance in HIV-infected and –uninfected patients with TB treated with a thrice-weekly short-course regimen ” and “Innate and adaptive immunity in treatment-naïve HIV-infected pediatric patients in Chennai, India” at the 16th Conference on Retroviruses and Opportunistic Infections (CROI 2009) held at Montreal, Canada during February 2009 - Soumya Swaminathan.
70. Invited talk on ‘Molecular epidemiology of *M. tuberculosis*’ at the International symposium on Tribal Health held at Jabalpur during February 2009 - Sujatha Narayanan.
71. Workshop for sensitization of media regarding tuberculosis by NGO-REACH held at Chennai during February 2009 - Beena E. Thomas.
72. XI Annual Conference of the Society of Statistics, Computer and Applications held at University of Madras, Chennai during February 2009 – P. Venkatesan.
73. Paper titled “Bioinformatics tools and applications” presented at the National Conference on Recent Trends in Biotechnology held at Kamaraj Engineering College, Virudhunagar during February 2009 – P. Venkatesan.

74. Paper titled “Recent Advances in Applied Mathematics” presented at the Annual Mathematical and Statistical Association of JBAS College held at Chennai February 2009 – P. Venkatesan (Chief Guest).
75. Training of Trainers (Nurses) for DOTS plus held at LRS Institute of TB & Respiratory Diseases, New Delhi during March 2009 - Aleyamma Thomas.
76. Guest lecture on ‘Interventional Studies in Operational Research – Indications, merits and demerits’ at the RNTCP Operational Research Workshop, organized by Central TB Division, and NTI, Bangalore, during March 2009 - M.S. Jawahar.
77. Guest lecture on “Multi Drug Resistance in Tuberculosis – the Challenges ahead” on World TB Day, organized by SRM Medical College, Chennai, during March 2009 - M.S. Jawahar.
78. Glacial overview of tuberculosis held at St. James Pharmaceutical College, Chalakkudi, Kerala, during March 2009 – N. Selvakumar (Chair person), Vanaja Kumar, Gomathi Sekar, Prabu Seenivasan, Gomathi N.S., V.N. Azger Dusthacker, S. Balaji, Sameer Hassan, R. Lakshmi & M. Radhakrishnan.
79. Workshop for TB Laboratory Technicians held at Male, Maldives during March 2009 - N. Selvakumar.
80. Guest lecture on “Managing urban crisis – Infectious diseases: low and high resource cities compare their plans to combat infection” at the BioVision 2009 World Life Sciences Forum held at Lyon, France during March 2009 - Soumya Swaminathan.
81. Consultants meeting on “Nutrition and Malaria, TB and other infectious diseases in infants and children” held at Vienna, Austria during March 2009 - Soumya Swaminathan.
82. LES CENT GARDES – “Latest Approaches to HIV Infection Management: A focus on HIV/TB and HIV/hepatitis co-infections” held at New Delhi during March 2009 – P.K. Bhavani.
83. Field Work Agency Supervisors’ meet held at The Madras School of Social Work, Chennai during March 2009 - Beena E. Thomas.

84. Invited talk titled (i) "Statistical Methods for Clinical Trials and (ii) Computation Molecular Biology Methods" at the Workshop on "Mathematical Statistics with Application" held at SDNB Vaishnav College for Women, Chennai during March 2009 – P. Venkatesan (Resource person).
85. Invited talk titled "Mathematical Modeling" at the Annual Mathematical Association Conference held at Savitha Engineering College, Chennai during March 2009 – P. Venkatesan (Chief Guest).
86. Paper titled "Artificial intelligence and Data Mining in Biomedical Informatics" presented at the 2nd International Conference on Biomedical Informatics and Signal Processing held at SSN College, Chennai during March 2009 – P. Venkatesan (Chairperson for 3 scientific sessions).

Workshops Organized by the Bio Informatics Centre

- ◆ "Perspectives of Biomedical Informatics conducted on June 02, 2008
- ◆ "Informatics in Medicine" conducted on September 22, 2008
- ◆ "Computational Resources for Drug Discovery" during November 24-26, 2008.

Advocacy:

- ◆ General Orientation Course for NSS programme officers of colleges in Tamil Nadu & Puducherry – Social workers division.
- ◆ Field work placement training for Medical Social work students from various city colleges – Social workers division.
- ◆ TB and HIV Awareness programme in various communities – Social workers division.
- ◆ A staff of Schizophrenia Research Foundation, Chennai, was given training on human DNA isolation and PCR technique from May 5 – 16, 2008 - Dr.P. Selvaraj.
- ◆ Training provided to B.Tech and Post graduate students from Biotechnology, Biochemistry and Molecular Biology disciplines - Dr.D. Sulochana
- ◆ One day training provided to M.Sc., Biochemistry students of G R Damodharan College of Arts & Science, Coimbatore – Dr. Geetha Ramachandran & Dr.A.K. Hemanth Kumar.