

Scientist Profile

Name C.Ponnuraja
Designation Scientist C
Date of Birth 29-02-1972
Date of Joining 09-10-1998
Date of joining present post 01-09-2008
Discipline Statistics
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* Mandatory

Educational Qualifications (*begin with descending order*)

DEGREE	INSTITUTION AND LOCATION	YEAR(s)	FIELD OF STUDY
PhD	University of Madras, Chennai	2009	Statistics
PG	University of Madras, Chennai	1995	Statistics
UG	StJoseph's College, Trichy	1993	Statistics

1. Research Experience

Biostatistician at Medical Research Foundation (Sankaranethralaya) Eye Hospital, 18 College road Chennai –600 006 during Jan1996 –Oct1998

2. Membership/Fellowship of Professional Societies/Associations :

- a. Life member of Indian Society for Medical Statistics,
- b. Life Member of International Biometric Society (Indian Region)

3. Workshops/Conferences/Symposiums

“TRC-UAB Short course on Clinical Research Methodology” held between March and April 2004, at TRC Chennai. Sponsored by John E Fogarty International Centre for Advanced Study in the Health Sciences, TRC (ICMR) Chennai, India & University of Alabama (UAB) Birmingham, USA.

“ International workshop on Statistical Analysis Software (SAS)” organized by University of South Florida USA, Kripa Foundation & International Institute of Information Technology, Pune. December

2003 and Jan 2004.

“ National Seminar on Applications of Survival Analysis”,
NIMHANS, Bangalore, India. June 2002.

“ Revised National Tuberculosis Control Program” organized by
TRC and Government of Tamilnadu-2000.

4. Awards

Smt. Surajkali Jain Award for the year 2010 for the best Paper
under the age 40yrs by Indian Society for Medical Statistics

5. Miscellaneous

Published a Book

Title: Bayesian Frailty Models

Authors: Chinnaiyan Ponnuraja, Perumal Venkatesan

ISBN 3838375262, 9783838375267

6. Publications

- MohideenS.Jawahar, Vaithilingam V. Banurekha, Chinnampedu N. Paramasivan, FathimaRahman, RajeswariRamachandran, PerumalVenkatesan, Rani Balasubramanian, Nagamiah Selvakumar, **Chinnaiyan Ponnuraja**, Allaudeen S. Iliayas, Navaneethapandian P. Gangadevi, Balambal Raman, Dhanaraj Baskaran, Santhanakrishnan R. Kumar, Marimuthu M. Kumar, Victor Mohan, Sudha Ganapathy, Vanaja Kumar, Geetha Shanmugam, Niruparani Charles, Murugesan R. Sakthivel, Kannivelu Jagannath, Chockalingam Chandrasekar, Ramavaram T. Parthasarathy, Paranji R. Narayanan. Randomized Clinical Trial of Thrice-Weekly 4-Month Moxifloxacin or Gatifloxacin Containing Regimens in the Treatment of New Sputum Positive Pulmonary Tuberculosis Patients. 2013 PLOS ONE.8(7) e67030.
- Gomathi Sivaramakrishnan, Balaji Subramanyam, **Ponnuraja C**, Vanaja Kumar* Luciferase reporter phage phAE85 for rapid detection of rifampicin resistance in clinical isolates of Mycobacterium tuberculosis. Asian Pacific Journal of Tropical Medicine, 2013;6(9) 728–731
- Kripasankar Anandan Sambath, Ravanan Ramanujam , **Ponnuraja Chinnaiyan** Survival analysis: Kaplan-Meier and life table estimates for time to event clinical trial tuberculosis data. Concepts in Pure and Applied Science. 2013(1) 17-21.
- Pari Dayal L, Leo Alexander T, **Ponnuraja C**, Ranganathan Rama, Venkatesan P. Modelling of time to event breast cancer data using Accelerated failure time (AFT) in south India women. Global Research Analysis, 2013, 2(5), 192-194.
- D. Anbarasu, **C. Ponnu Raja**, Alamelu Raja. Multiplex analysis of cytokines/chemokines as biomarkers that differentiate healthy contacts from tuberculosis patients in high endemic settings. Cytokine 2013,61(3), 747-754.

- Soumya Swaminathan, Pradeep Aravindan Menon, Narendran Gopalan, Venkatesan Perumal, Ramesh Kumar Santhanakrishnan, Ranjani Ramachandran, **Ponnuraja Chinnaiyan**, Sheik Iliayas, Padmapriyadarsini Chandrasekaran, Pooranaganga Devi Navaneethapandian, Thiruvalluvan Elangovan, Mai Tuyet Pho, Fraser Wares, Narayanan Paranji Ramalyengar. Efficacy of a Six-Month versus a 36-Month Regimen for Prevention of Tuberculosis in HIV-Infected Persons in India: A Randomized Clinical Trial. *Plos One*, 2012, 7(12), e47400.
- N. Selvakumar, A. Syam Sunder, M. Gomathi Sekar, **C. Ponnuraja**, Vanaja Kumar. Quality indicators in a mycobacteriology laboratory supporting clinical trials for pulmonary tuberculosis *I n t e r n a t i o n a l J o u r n a l o f M y c o b a c t e r i o l o g y* 1 (2 0 1 2) 1 8 5 –189
- N. Selvakumar, A. Syam Sunder, M. Gomathi Sekar, **C. Ponnuraja**, Vanaja Kumar. Performance indicators of fluorescence microscopy for sputum samples in pulmonary tuberculosis. *I n t e r n a t i o n a l J o u r n a l o f M y c o b a c t e r i o l o g y* 1 (2 0 1 2) 1 4 3 –1 4 5
- Mai T. Pho, Soumya Swaminathan, Nagalingeswaran Kumarasamy, Elena Losina⁷, **C. Ponnuraja**, Lauren M. Uhler, Callie A. Scott, Kenneth H. Mayer, Kenneth A. Freedberg, Rochelle P. Walensky. The Cost-Effectiveness of Tuberculosis Preventive Therapy for HIV-Infected Individuals in Southern India: A Trial-Based Analysis. *Plos One*, 2012,7(4), e36001
- Poorana Ganga Devi Navaneethapandian, Ramesh Karunaianantham, Sudha Subramanyan, **Ponnuraja Chinnayan**, Padmapriyadarsini Chandrasekaran, and Soumya Swaminathan “CD4+ T-Lymphocyte Count /CD8+ T-Lymphocyte Count Ratio: Surrogate for HIV Infection in Infants?” *Journal of Tropical Pediatrics*, 2012, Jan 6
- R. Radhakrishnan, M. M. P. Kumar, S. Prabuseenivasan, S. Anbarasu, P. Nagarajan, M. Devisangamithirai, S. Sivagamasundari, **C. Ponnuraja**, V. Kumar, N. Selvakumar. “Assessment of panel slides prepared by phenol ammonium sulphate and NALC methods for proficiency testing”. *INT J TUBERC LUNG DIS*, 2012, 16(3):394–397
- P Venkatesan, TT Raman, **C Ponnuraja** Survival Analysis of Women with Breast Cancer under Adjuvant Therapy in South India. *Asian Pacific Journal of Cancer Prevention*, 2011, 12, 1-4.
- **Ponnuraja C.** Venkatesan P. Bayesian Meta-Analysis for Randomized Controlled Trials in Anti-Tuberculosis Chemotherapy: A Comprehensive Approach. *International Journal of Science and Technology*. 2011, 1(3), 127-135
- Soumya Swaminathan, Chandrasekaran Padmapriyadarsini, Perumal Venkatesan, Gopalan Narendran, Santhanakrishnan Ramesh Kumar, Sheik Iliayas, Pradeep A. Menon, Sriram Selvaraju, Navaneetha P. Pooranagangadevi, Perumal K. Bhavani, **Chinnaiyan Ponnuraja**, Meenalochani Dilip, andRanjani Ramachandran Efficacy and Safety of Once-Daily Nevirapine- or Efavirenz-Based Antiretroviral Therapy in HIVAssociated Tuberculosis: A Randomized Clinical Trial. *Clinical Infectious Diseases* 2011,53(7),716–724
- Ramadurai M., **Ponnuraja C.** A diagnostic check on Cox PH model using residuals for tb meningitis data. *International Journal of Current Research* 2011, 33(5), 96 -100.
- Ramadurai M., **Ponnuraja C.** Non-parametric estimation of the survival probability of children affected by TB meningitis. *International Refereed Research Journal*.2011,2(2), 216-227.
- **Ponnuraja C.** An empirical investigation of meta-analysis using randomized controlled clinical trials in a particular centre. *Journal of Applied Quantitative Methods in Medicine*. 2010, 5(1), 166- 175.

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- Sameer Hassan, Azger Dusthacker, Balaji Subramanyam, **C. Ponnuraja**, Gomathi N. Sivaramakrishnan and Vanaja Kumar. Lytic Efficiency of Mycobacteriophages, *The Open Systems Biology Journal*, 2010, 3, 21-28
- **Ponnuraja C.**, Venkatesan. P. Survival models for exploring tuberculosis clinical trial data-an empirical comparison- *Indian J.Sci.Technol.* 2010;3(7)755-758
- **Ponnuraja C.**, Venkatesan. P. Correlated frailty model: an advantageous approach for covariate analysis of tuberculosis data- *Indian J.Sci.Technol.* 2010; 3(2) 151-155.
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- Venkatesan P and **Ponnuraja C.** Bayesian Separate and Joint modeling for controlled clinical trial data using BUGS. *Applied Bayesian Statistical Analysis- Govt. Arts College Publication.* 2008; 132-138.
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- Soumya Swaminathan, M. Sangeetha, N. Arunkumar, P.A. Menon, Beena Thomas, K. Shibi, **Ponnuraja C** and S. Rajasekar “Pulmonary Tuberculosis In HIV Positive Individuals: Preliminary Report On Clinical Features And Response To Treatment” *Ind.J Tub.*,2002,49,189.