

## BIOGRAPHICAL SKETCH

<b>NAME</b> V.V. Banu Rekha		<b>POSITION TITLE</b> Scientist 'B'	
<b>EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</b>			
<b>INSTITUTION AND LOCATION</b>	<b>DEGREE (if applicable)</b>	<b>YEAR(s)</b>	<b>FIELD OF STUDY</b>
Madras Medical College, Chennai, India	M.B,B.S	1998	Medicine & Surgery

### A. Research and/or Professional Experience

- 1999 - Resident Medical officer in at Billroth Hospital, Chennai, India.
- 2000 - Resident Medical officer at Ezhil Hospital, Chennai, India.
- 2001- Resident Medical officer at the Obstetric section of Nagamani Hospital, Chennai, India.
- 2002 – 2007 - Senior Research Fellow at the Tuberculosis Research Centre, Chennai, India
- 2006 - CCRC (Certified Clinical Research Coordinator) – from The Association of Clinical Research Professionals (ACRP), Washington, USA.
- 2007 – till date – Scientist 'B' at the Tuberculosis Research Centre, Chennai, India

### Honours

Nil

### Membership on Committees

Life member of the Indian Medical Association.

### B. Selected Publications

1. **V.V. Banu Rekha**, Santha T. M S Jawahar. Rifampicin induced renal toxicity in the re-treatment of patients with pulmonary TB – case report. JAPI 2005; 53: 811-813
2. **V.V. Banu Rekha**, A.R. Adhilakshmi, M.S.Jawahar. Rifampicin induced acute thrombocytopenia – case report. Lung India 2005; 22: 122-124
3. P.Selvaraj, S.Prabu Anand, M.S.Jawahar, G.Chandra, **Banu Rekha** and P.R.Narayanan. Promoter polymorphism of IL-8 gene and IL-8 production in pulmonary TB. Current Science 2006;90(7): 952-954

4. **Banu Rekha** and Soumya Swaminathan. Childhood tuberculosis-global epidemiology and the impact of HIV. *Pediatric Respiratory Reviews* 2007;8:99-106
5. **V.V.Banu Rekha**, Rani Balasubramanian, Soumya Swaminathan, Rajeswari Ramachandran, Fathima Rahman, A.Sundaram et al. 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* 2007; 126: 452-458

### **C. Book Chapter**

1. Rajeswari Ramachandran, **VV Banurekha**, AR Adhilakshmi, Rani Balasubramanian. Latent TB infection (Dormancy) and treatment.37<sup>th</sup> chapter in a book entitled “Practical approach to TB management” edited by V K Arora published by Jaypee brothers 404-413, 2006.
2. Rajeswari Ramachandran, ARAdhilakshmi, **VV Banurekha**, GNarendran, Rani balasubramanian.Extrapulmonary TB in the HIV Era .10<sup>th</sup> chapter in a book entitled “Practical approach to TB management” edited by V K Arora published by Jaypee brothers 87- 98, 2006.
3. V.V. Banu Rekha and Soumya Swaminathan. Drugs used in tuberculosis and leprosy. 30<sup>th</sup> chapter in a book entitled “Side Effects of drugs Annuals – Edition 30” edited by Aronson, publisher Elsevier, 2008: 357-363 (In Press)

### **D. Ongoing Research Support**

#### **1. Indian Council of Medical Research 05/07 – 04/14**

**Title:** Randomised clinical trial to evaluate the efficacy and tolerability of 3 and 4 -month regimens containing moxifloxacin in the treatment of patients with sputum smear and culture positive pulmonary tuberculosis

**Role:** Study Co-ordinator