

**BIOGRAPHICAL SKETCH**

NAME		POSITION TITLE	
Luke Elizabeth Hanna		Scientist 'B'	
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Stella Maris College, Affiliated to Madras University, Chennai, India.	Bachelor of Science	1988-1991	Zoology
Dr. ALM Post-graduate Institute of Basic Medical Sciences, Madras University, Chennai, India.	Master of Science	1991-1993	Bio-medical Genetics
Tuberculosis Research Centre, The Tamilnadu Dr. MGR Medical University, Chennai, India.	Doctor of Philosophy	1994-2000	Basic Medical Sciences
Department of Microbiology and Immunology, Albert Einstein College of Medicine, Bronx, New York.	Post-doctoral Research Fellowship	2004-2007	Molecular virology

**A. Research and/or Professional Experience**

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|-----------------------|---|----------------|
| 1. Research Associate | Tuberculosis Research Centre<br>Indian Council of Medical Research<br>Chennai, India. | 1994-2002      |
| 2. Research Officer   | Tuberculosis Research Centre<br>Indian Council of Medical Research<br>Chennai, India. | 2002 till date |

**B. Selected Publications**

1. Padmapriyadarsini C, Chandrabose J, Victor L, **Hanna LE**, Arunkumar N and Swaminathan S. Hepatitis B or hepatitis C co-infection in individuals infected with human immunodeficiency virus and effect of anti-tuberculosis drugs on liver function. J Postgrad Med, 2006, Apr-Jun; **52** (2):92-96.
2. **Hanna LE**, Bose JC, Nayak K, Subramanyam S and Swaminathan S. Influence of active tuberculosis on chemokine and chemokine receptor expression in HIV-infected persons. AIDS Res Hum Retroviruses, 2005, Dec; **21** (12):997-1002.
3. Subramanyam S, **Hanna LE**, Venkatesan P, Sankaran K, Narayanan PR and Swaminthan S. HIV alters plasma and *M. tuberculosis*-induced cytokine production in patients with tuberculosis. J Interferon Cytokine Res, 2004, Feb; **24** (2):101-106.

4. Swaminathan S, **Hanna LE**, Raja A, Sankaran K and Kumar AN. Age-related changes in blood lymphocyte subsets of south Indian children. *Natl Med J India*, 2003, Sep-Oct; **16** (15):249-252.
5. Swaminathan S, Nandhini KS, **Hanna LE**, Somu N, Narayanan PR and Barnes PF. T lymphocyte subpopulations in tuberculosis. *Indian Pediatrics*, 2000, May; **37** (5):489-495.
6. Gopinath R, **Hanna LE**, Kumaraswami V, Perumal V, Kavitha V, Vijayasekaran V, Nutman TB. Perturbations in eosinophil homeostasis following treatment of lymphatic filariasis. *Infection and Immunity*, 2000, Jan; **68** (1):93-99.
7. Swaminathan S, Gong J, Zhang M, Samten B, **Hanna LE**, Narayanan PR and Barnes PF. Cytokine production in children with tuberculosis infection and disease. *Clinical Infectious Diseases*, 1999, June; **28** (6):1290-1293.
8. Gopinath R, **Hanna LE**, Kumaraswami V, Kavitha V, Vijayashekar V and Nutman TB. Long-term persistence of cellular hyporesponsiveness to filarial antigens after clearance of microfilaremia. *American Journal of Tropical Medicine and Hygiene*, 1999, May; **60** (5):848-853.
9. Mahanty S, **Luke HE**, Kumaraswami V, Narayanan PR, Vijayashekar V and Nutman TB. Stage-specific induction of cytokines regulates the immune response in lymphatic filariasis. *Experimental Parasitology*, 1996, Nov; **86** (2):282-290.