

TABLES	PAGE NO
Table- 1.1 Helminthic parasites that infect human	1.2
Table-5.1 Clinical status of the study population	5.2
Table-5.2 Microfilaria status of individuals without apparent filarial symptoms	5.3
Table-5.3 Circulating antigen status of the study population.	5.5
Table-5.4 <i>W. bancrofti</i> microfilaria excretory- secretory antigen specific IgG isotype antibody levels in different categories of study population.	5.8
Table-5.5 <i>S. digitata</i> adult soluble antigen specific IgG isotype antibody levels in different categories of study population.	5.9
Table-5.6 IL-2 (range), IL-4 (range) and IFN- γ (range) in pg/ml secreted by fresh and liquid nitrogen frozen PBMC, collected from the same individuals, when cultured in the presence of optimal concentrations of <i>W. bancrofti</i> microfilaria-excretory antigens (mf-Es) and purified protein derivatives (PPD)	5.30
Table-5.7 IL-2 (range), IL-4 (range) and IFN- γ (range) in pg/ml secreted by PBMC of the same individuals when cultured in the presence of optimal concentrations of <i>W. bancrofti</i> mf-Es Ag and PPD after storing at room temperature for different time duration's.	5.31
Table-5.8 IL-2 in pg/ml secreted and lymphocyte proliferation induced by filaria parasite antigens and PPD in PBMC from antigen negative asymptomatic amicrofilaremic individuals and antigen positive asymptomatic microfilaremic individuals.	5.32
Table-5.9 IL-4 and IFN- γ in pg/ml secretion induced by filaria parasite antigens and PPD in PBMC from antigen negative asymptomatic amicrofilaremic individuals and antigen positive asymptomatic microfilaremic individuals	5.34
Table-5.10 Quantity of IL-2, IL-4 , and IFN- γ secreted, in pg/ml, by the lymphocytes of antigen negative, en (n=23) and ASM (n=23) individuals when stimulated in vitro by optimal concentration of 14-20 kDa antigen (Fr-6) of <i>S. digitata</i> adult and <i>W. bancrofti</i> mf-Es antigen. measurement of different cytokines were done by collecting supernatants at the optimum time of their secretion.	5.36

Table-5.11 Quantity of IL-5 and IL-10 secreted, in pg/ml, by the lymphocytes of antigen negative, EN (n=23) and ASM (n=22) individuals when stimulated in vitro by optimal concentration of 14-20 kDa antigen (Fr-6) of <i>S.digitata</i> adult and <i>W.bancrofti</i> mf-Es antigen. measurement of different cytokines were done by collecting supernatants at the optimum time of their secretion.	5.38
Table-5.12 : Effect of DEC therapy on the circulating parasite and parasite antigens in the blood of ASM individuals.	5.51
Table-5.13 <i>S.digitata</i> adult total antigen and <i>W.bancrofti</i> microfilariae Es antigen specific IgG4 titres in the serum of ASM individuals before and after treatment with dec.	5.52
Table-5.14 Levels of IL-2, IL-4 and IFN- γ secreted by the lymphocytes of ASM individuals when stimulated with optimal dose of 14-20 kDa <i>S.digitata</i> adult antigen (Fr.-6) and <i>W.bancrofti</i> mf Es antigen before and after DEC therapy.	5.53
Table-15. Levels of IL-5, IL-10 secreted by the lymphocytes of ASM individuals when stimulated with optimal dose of 14-20 kDa <i>S.digitata</i> adult antigen (Fr.-6) and <i>W.bancrofti</i> mf Es antigen before and after DEC therapy.	5.54