

**SERUM SOLUBLE INTERLEUKIN-2
RECEPTOR IN
CHILDHOOD TUBERCULOSIS**

THESIS

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

اللَّهُمَّ إِنِّي أَسْأَلُكَ بِعِزِّكَ
وَبِكِبْرِيَّتِكَ وَبِقُدْرَتِكَ
وَبِعِزَّتِكَ وَبِكِبْرِيَّتِكَ
وَبِقُدْرَتِكَ

صدق الله العظيم (طه ٢٥-٢٨)

TO...

My Parents

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LIST OF ABBREVIATIONS

ACET	Advisory council for the elimination of tuberculosis.
ADA	Adenosine deaminase
AFB	Acid fast bacilli
AM	Alveolar macrophages
BACTEC	Becton dickinson radiometric media for diagnosis of <i>M. tuberculosis</i> .
BCG	Bacille calmette guérin
CD	Cluster of differentiation
CMI	Cell mediated immunity
CRP	C-reactive protein
CSF	Cerebrospinal fluid.
CT	Computed tomography
DNA	Deoxyribonucleic acid
DOT	Directly observed therapy
DTH	Delayed type hypersensitivity
ELISA	Enzyme linked immunosorbent assay
ESR	Erythrocyte sedimentation rate
ESR	Erythrocyte sedimentation rate
HIV	Human immune deficiency virus
IFN γ	Interferon gamma

LIST OF ABBREVIATIONS (Cont.)

IgG	Immunoglobulin-G
IL-2	Interleukin-2
INH	Isoniazide
KAT	Kaolin agulation test.
MRI	Magnetic resonance imaging
PAMs	Pulmonary alveolar macrophages
PCR	Polymerase chain reaction
PPD	Purified protein derivative
RFLP	Restriction fragment length polymorphism
RNA	Ribonucleic acid
sIL-2R	Soluble interleukin-2 receptor
TaC	T activation antigen
TB	Tuberculosis / tuberculous
TBSA	Tuberculostearic acid
TMB	3, 3', 5, 5' tetramethylbenzidine
TNF α	Tumour necrosis factor alpha
WBC	White blood cells
WHO	World Health Organization.
ZN	Ziehl Neelsen stain

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