# Soluble Interleukin-2 Receptor as a predictor of neonatal Sepsis

A Thesis

submitted for partial fulfillment of M.Sc. degree in Pediatrics

By

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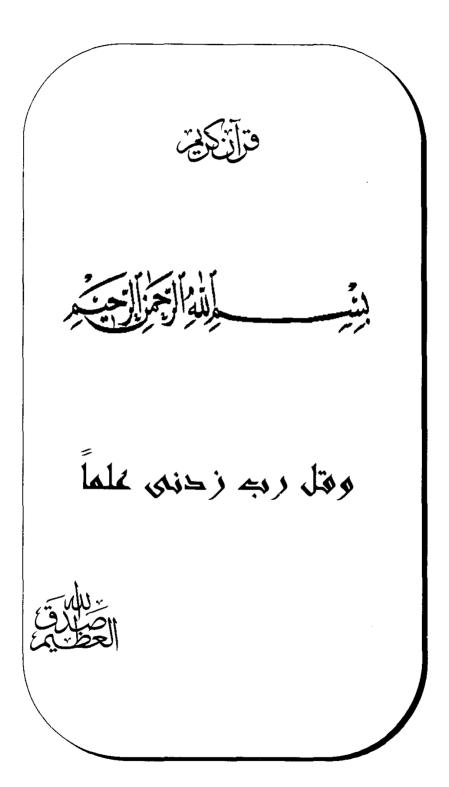
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#### LIST OF ABBREVIATIONS

\* sIL-2R : Soluble interleukin-2 receptor.

\* 1FN- $\gamma$  : Interferon-gamma.

\* G-CSF : Granulocyte-colony stimulating factor.

\* PMNs : Polymorph nuclear leucocytes

\* CFU-GM : Colony forming unit-Granulocytes

Monocytes.

\* LFA-1 : Lymphocyte function associated

antigen-1

\* ICAM : Intercellular adhesion molecules.

\* GBS : Group B streptococci

\* PROM : Premature rupture of membrane.

\* FMLP : Formyl leucyl-phenylolanine

\* LTB $_4$ : Leukotriene B $_4$ 

\* PAF : Platelet activating factor.

\* TNF  $\alpha$  : Tumour necrosis factor alpha

\*NK cells : Natural killer cell.

\* TNF  $\beta$  : Tumour necrosis factor  $\beta$ 

\*GM-CSF : Granulocyte-Macrophage-Colony

stimulating factor

\* GTP : Gaunidine Triphosphate.

\* BPI : Bactericidal permeability increasing

protein.

\* 1L-1 $\beta$  : Interleukin-1 $\beta$ 

\* 1/T : Immature/Total neutrophil ratio.

\* 1/M : Immature/mature neutrophil ratio.

\* CRP : C-Reactive protein.

\* DIC : Disseminated intravascular coagulopathy

\* ESR : Erythrocyte Sedimentation rate.

\* E $\alpha$ , P1 : Elastase-alpha one proteinase inhibitor.

\*  $C_{3}$  : Third component of the complement.

\* APC : Antigen presenting cells.

\* NEC : Necrotizing entero cabtis.

\* TCR : T-cell receptor.

\* HLTV-1 : Human lymphotropic virus-Type I