

Ain Shams University
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**MODULATION OF INFLAMMATION AND
CACHECTIN ACTIVITY IN RELATION TO
TREATMENT AND NUTRITION
OF NEONATAL SEPSIS**

THESIS

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Ph.D. Degree in Medical Childhood Studies

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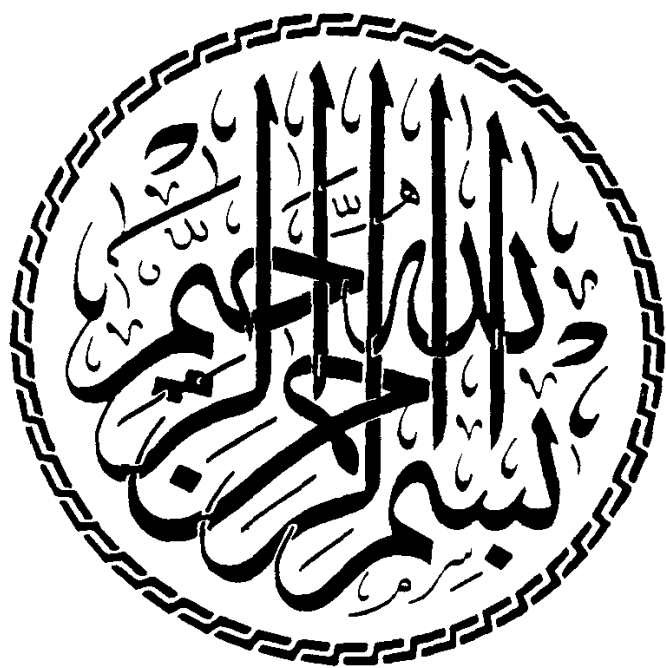
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LIST OF ABBREVIATIONS

α_1 -ACT	Alpha 1-antichemotrypsin.
α_1 -AGP	Alpha 1-acid glycoprotein.
α_1 -AT	Alpha 1-antitrypsin.
α_1 -GP	Alpha 1-glycoprotein.
Ab	Antibody.
ADCC	Antibody-dependent cellular cytotoxicity.
ADH	Antidiuretic hormone.
Ag	Antigen.
AGA	Appropriate for gestational age.
ANC	Absolute neutrophilic count.
ARDS	Adult respiratory distress syndrome.
BM	Bone marrow.
BPD	Broncho-pulmonary dysplasia.
C ₃	The third component of complement.
CFU	Colony-forming unit.
CFU-G	Colony forming unit-granulocyte.
CFU-GM	Colony forming unit-granulocyte monocyte.
CFU-M	Colony forming unit-monocyte.
CRP	C-reactive protein.
CSF	Cerebrospinal fluid.
CT	Computerized tomography.
DIC	Disseminated intravascular coagulation.
E coli	Escherichia coli.
ECMO	Extracorporeal membrane oxygenation.
EDRF	Endothelial derived relaxing factor.
ESR	Erythrocyte sedimentation rate.
F	Female.
G-CSF	Granulocyte-colony stimulating factor.
GAB HS	Group A, beta hemolytic streptococcus.

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GBS	Group B-streptococcus.
GE	Gastroenteritis.
GIT	Gastrointestinal tract.
GM-CSF	Granulocyte monocyte-colony stimulating factor.
Hb	Hemoglobin.
HFV	High frequency ventilation.
HI	Hemophilus influenza.
HPF	High power field.
HPG	Haptoglobin.
HSS	Hematological scoring system.
I:T	Immature to total neutrophil ratio.
IFN- γ	Interferon gamma.
Ig	Immunoglobulin.
IL	Interleukin.
IM	Intramuscular.
IPPV	Intermittent positive pressure ventilation.
IV	Intravenous.
IVIg	Intravenous immunoglobulin.
LBW	Low birth weight.
LPL	Lipoprotein lipases.
LPS	Lipopolysaccharide.
LT	Lymphocytes.
M	Male.
M-CSF	Monocyte-colony stimulating factor.
MHC	Major Histocompatibility complex.
MRF	Maternal risk factor.
MTC	Macrophage-mediated tumor cytotoxicity.
MW	Molecular weight.
NEC	Necrotizing enterocolitis.
NICU	Neonatal intensive care unit.

NK	Natural killer.
NS	Non-significant.
NSP	Neutrophil storage pool.
PAF	Platelet activating factor.
PMNs	Polymorphonuclear neutrophils.
PPHN	Persistent pulmonary hypertension of newborn.
PROM	Premature rupture of membrane.
RBC	Red blood cells.
RDS	Respiratory distress syndrome.
Rh	Rhesus factor.
S pneumoniae	Streptococcus pneumoniae.
SD	Standard deviation.
SGA	Small for gestational age.
Sig	Significant.
SS	Sepsis score.
Staph. aureus	Staphylococcus aureus.
TNF	Tumor necrosis factor.
VAECMO	Venoarterial extracorporeal membrane oxygenation.
WBCs	White blood cells.
-ve	Negative.
+ve	Positive.

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