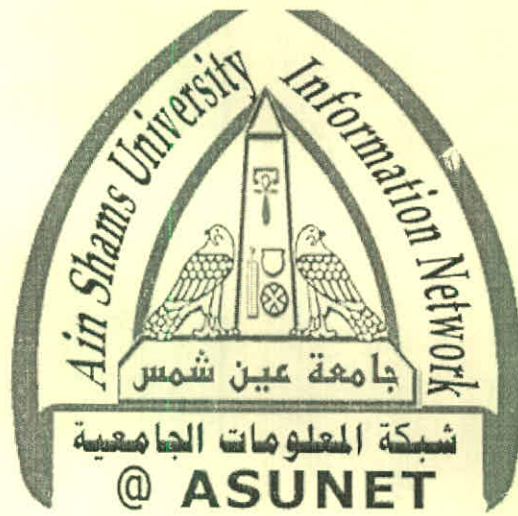




بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



شبكة المعلومات الجامعية
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شبكة المعلومات الجامعية التوثيق الالكتروني والميكرو فيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

قسم

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15-25- c and relative humidity 20-40%

IL-10 and IL-12 in the cord blood of preterm newborns with respiratory distress syndrome

Thesis

Submitted for

partial fulfillment of Master Degree in Pediatrics

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2005

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ
الْحَمْدُ لِلَّهِ الَّذِي
خَلَقَ السَّمَوَاتِ وَالْأَرْضَ
وَالَّذِي يُضَوِّبُ الْمَوْتَى
إِنَّ رَبَّهُ لَسَدِيدٌ
إِلَىٰ عَرْشِهِ الرَّحِيمُ
الَّذِي يُخْرِجُ الْمَوْتَىٰ
وَيُدْخِلُهُمْ فِي الْأَرْوَاحِ
الْحَمْدُ لِلَّهِ الَّذِي
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وَيُدْخِلُهُمْ فِي الْأَرْوَاحِ

قُلِ اللَّهُمَّ مَالِكَ الْمُلْكِ تُؤْتِي الْمُلْكَ مَنْ تَشَاءُ

وَتَنْزِعُ الْمُلْكَ مِمَّن تَشَاءُ وَتُعِزُّ مَنْ تَشَاءُ وَتُكْذِبُ مَنْ تَشَاءُ

بِيَدِكَ الْخَيْرُ إِنَّكَ عَلَىٰ كُلِّ شَيْءٍ قَدِيرٌ "٣٦"

(سورة آل عمران)

To
My parents
&
My husband

Acknowledgment

In the name of **ALLAH** the most merciful and the most compassionate, who helped me in this work and all works allover my life.

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List of abbreviations

ADF	Adult T-cell leukemia derived factor
AGA	Average for gestational age
AIDS	Acquired immunodeficiency syndrome
BCRF-1	Bam HIC fragment rightward reading frame
BPD	Broncho-pulmonary dysplasia
CLD	Chronic lung disease
CNS	Central nervous system
CPAP	Continuous positive airway pressure
CSIF	Cytokine synthesis inhibiting factor
DNA	Deoxyribonucleic acid
DPPC	dipalmitoylphosphatidylcholine
DZ	Dizygotic
EBI-3	EBV induced gene-3
EBV	Ebstein-Barr virus
ELISA	Enzyme linked immunosorbent assay
FRC	Functional residual capacity
G-CSF	Granulocyte-colony stimulating factor
GM-CSF	Granulocyte macrophage-colony stimulating factor
hIL-10	Human interleukin-10
HIV	Human immunodeficiency virus
HMD	Hyaline membrane disease
HRP	Horseradish peroxidase

IBD	Inflammatory bowel disease
IL	Interleukin
INF	Interferone
IUGR	Intrauterine growth restriction
IV	Intravenous
IVH	Intra ventricular hemorrhage
L/S ratio	Lecithine/sphingomyline
LAK	Lymphokines-activated killer cells
LBW	Low birth weight
LIF	Leukemia inhibitory factor
M-CSF	Macrophage-colony stimulating factor
MHC	Major histocompatibility complex
mIL-10	Mouse interleukin-10
mRNA	Messenger ribonucleic acid
MS	Multiple sclerosis
MZ	Monozygotic
nCPAP	Nasal continuous positive airway pressure
NIH	National institute of health
NK cells	Natural killer cells
OD	Optical density
PC	phosphatidylcholine
PCV	Packed cell volume
PDA	Patent ductus arteriosus

PD-ECGF	Platelet-derived endothelial cell growth factor
PDGF	Platelet-derived growth factor
PEEP	Peak end expiratory pressure
PG	Phosphatidylglycerol
PMT	Pulmonary mechanics testing
PROM	Premature rupture of membranes
PPROM	Preterm premature rupture of membranes
PRF	Peptide regulatory factors
RD	Respiratory distress
RDS	Respiratory distress syndrome
ROP	Retinopathy of prematurity
RT-PCR	Reverse transcriptase polymerase chain reaction
SCF	Stem cell factor
SGA	Small for gestational age
SPs	Surfactant proteins
TGF-β	Transforming growth factor- β
Th-1	T helper cell type 1
Th-2	T helper cell type 2
TM	Tubular myelin
TNF-γ	Tumor necrosis factor gamma
VEGF	Vascular endothelial growth factor
V-IL-10	Viral interleukin-10

Introduction
&
Aim of the work