

A FLOW CYTOMETRIC ANALYSIS OF T LYMPHOCYTE SUBSETS IN HEALTHY AND SICK NEONATES

THESIS

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Contents

	Page
* <i>Introduction and aim of the work.</i>	1-3
* <i>Review of literature</i>	
Chapter 1: Neonatal immunology	
- Introduction.....	4
- The components of the immune system.....	5
- Ontogeny of the immune system.....	6
* Origin and development of leukocytes.....	6
* Granulopoiesis.....	8
* The origin of lymphocytes.....	10
* Cluster of differentiation markers.....	11
* Development of T-lymphocytes.....	14
* Development of B-lymphocytes.....	17
* The Natural Killer lymphocytes.....	20
* Origin and development of accessory cells.....	23
* Ontogeny of the complement.....	24
- Immune system of the newborn.....	27
* Immune system of the term infant.....	27
* Immune system of the preterm infant.....	29

Chapter 2 : Flow cytometry

- Introduction.....	32
- Basic cellular analysis.....	33
- Design and operation of a flow cytometer.....	34
- Clinical assays.....	40

**Chapter 3 : The T-lymphocytes: Functions and
m e m b r a n e characteristics**

- Functional heterogeneity of T-cells.....	46
- T-cell immune response.....	48
- Evaluation of the T cells system.....	53
- Phenotyping functional peripheral T-cells.....	54

Chapter 4: Lymphocyte subpopulations

in human neonatal blood.....	69
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<i>* Materials and methods</i>	82
<i>* Results</i>	97

	Page
* <i>Discussion</i>	129
* <i>Summary and conclusion</i>	149
* <i>References</i>	154
* <i>Arabic Summary</i>	

List of abbreviations

/l	:	per liter.
%	:	Percent.
Ag	:	Antigen
AGA	:	Appropriate for Gestational Age.
APC	:	Antigen Presenting Cell.
C	:	Complement.
CBL	:	Cord Blood Lymphocytes.
CD	:	Cluster of Differentiation.
CD4+HI	:	Helper Inducer subset.
CD4+SI	:	Suppressor Inducer subset.
CR	:	Complement Receptor.
CBMC	:	Cord Blood Mononuclear Cells.
FITC	:	Fluorescein Isothiocyanate Technique.
H ₂ O ₂	:	Hydrogen Peroxide.
HLA	:	Human Leukocyte Antigen.
HVGR	:	Host Versus Graft Reaction.
GALT	:	Gut Associated Lymphoid Tissue.

gm	: gram
GVHR	: Graft Versus Host Reaction.
Ig	: Immunoglobulin.
IL	: Interleukin.
Leu	: Series of Becton-Dickinson Monoclonal center.
LFA	: Lymphocyte function associated antigen.
MHC	: Major Histocompatibility complex.
mm ³	: Cubic millimeter.
n	: Number.
NK	: Natural Killer.
OKT	: Ortho diagnostic system of monoclonal antibodies
P	: indicates protein whenever associates molecular weight.
PBL	: Peripheral Blood Lymphocytes.
PBMC	: Peripheral Blood Mononuclear Cells.
PNA	: Peanut Agglutinin receptor.
SD	: Standard Deviation.
SEM	: Standard Error of the Mean.

II

SGA : Small for Gestation Age.

T9 : Transferrin receptor, T series, Coulter

Immunology

Tac : T activated cell

TCR : T Cell Receptor.

T_H¹ : T Helper 1.

T_H² : T Helper 2.

T_HO : T Helper before stimulation.

TLC : Total Leukocyte Count.

III

List of Tables

Page

A. Tables in Review:

Table (1) Normal leukocyte counts in the first month of life.....	9
Table (2) CD markers.....	13
Table (3) Sites of synthesis and age of first appearance of complement.....	26
Table (4) Functions associated with T lymphocytes.....	48
Table (5) Characteristics of major T-cell cytokines.....	50
Table (6) Pan T lymphocyte markers.....	56
Table (7) T-helper inducer cell markers.....	61
Table (8) T-suppressor cytotoxic cell markers.....	63
Table (9) T-cell activation markers.....	66
Table (10) T-cell differentiation markers.....	67

B. Tables of Results:

Table (1) Clinical features of the study groups.....	97
Table (2) Clinical features of sick term subgroups.....	98
Table (3) Clinical features of sick preterm subgroups.....	98
Table (4) Collective results of healthy full term neonates.....	106
Table (5) Collective results of healthy preterm neonates.....	107
Table (6) Comparison of mean values in healthy and sick groups.....	109
Table (7) Lymphocyte subsets in neonatal sepsis.....	115
Table (8) Lymphocyte subsets in neonates with fetal distress.....	117
Table (9) Lymphocyte subsets in neonates with respiratory distress.....	119

	Page
Table (10) Lymphocytes subsets in neonates with preeclamptic mothers.....	121
Table (11) Clinical features of neonates undergoing exchange transfusion.....	126
Table (12) Activated T cells before and after total blood exchange.....	127

List of Figures

Page

A. Figures in Review:

Figure (1) Stages of haematopoiesis in the developing embryo and fetus.....	7
Figure (2) The development and stimulation of T and B cells.....	16
Figure (3) Flow cytometry and cell sorting.....	36
Figure (4) Histogram after whole blood lysis.....	38
Figure (5) Histogram after lymphocyte analysis by flow cytometry.....	39
Figure (6) Polarization of the immune response.....	60

B. Figures of results:

Figure (1) Distribution of body weight among the study population.....	100
Figure (2) Correlation between body weight and : [a]: CD3+ cells, [b]: CD4+ cells, [c]: CD8+ cells, and [d]: CD16+56+ cells.....	102-105
Figure (3) Lymphocyte subsets in healthy full terms versus healthy preterms.....	108
Figure (4) Correlation between gestational age and NK cells in healthy neonates.....	111
Figure (5) Distribution of [a]: CD3+, [b]: CD4+, [c]: CD8+, and [d]: CD16+56+ cell among the study groups.....	122-125
Figure (6) Activated T cells before and after total blood exchange.....	128

ERRATA

Page	Line	Error	Correction
1	2	prevelance	prevalence
11	9	lymphocyttes	lymphocytes
23	6	langerhanz	Langerhanz
62	4	mono-clonal	monoclonal
70	5	phentotyping	phenotyping
71	12	suceptible	susceptible
72	1	suceptibility	susceptibility
75	1	distrbances	disturbances
75	11	prevelance	prevalence
75	9	neonate	neonates
75	11	contribute	contributes
79	11	phnotypic	phenotypic
84	9	mabolic	metabolic
106	3	fullterms	full terms
113	6	Fig. (3)	Fig. (5)

Introduction and aim of the work