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METABOLIC AND IMMUNOLOGICAL RESPONSES AFTER HEAD INJURY

THESIS

Submitted for Partial Fulfillment of the MD DEGREE in ANAESTHESIOLOGY

By Hany Kamal Mickhael M.B.B.Ch., M.Sc.

Ass. Lecturer of Anaesthesiology Faculty of Medicine, El-Minia University

Supervisors

Prof. Dr. Ibrahim Abbas Youssef

Professor and Head of Anaesthesiology and Intensive Care Department

Prof. Dr. Ahmad Abdel-Samie Omran Professor of Clinical Pathology

Dr. Salah Nagib Ahmed El-Tallawy Assistant Professor of Anaesthesiology and Algesiology

Dr. Nagy Sayed Aly
Assistant Professor of Anaesthesiology and Algesiology

ANAESTHESIOLOGY AND INTENSIVE CARE DEPARTMENT FACULTY OF MEDICINE - EL-MINIA UNIVERSITY 2004

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LIST OF ABBREVIATIONS

ADH anti-diuretic hormone

AIDS acquired immunodeficiency syndrome

APC antigen presenting cell

cm centimeter

CPB cardiopulmonary by pass

CSF cerebrospinal fluid

CT Computed tomography

CVP central venous pressure

DI diabetes insipidus

DNA diriboxy nucleic acid

EGF endothelial growth factor

EGF epidermal growth factor

ELISA enzyme linked immuno-sorbant assay

GCS Glasgow Coma Scale

g/kg gram/kilogram

GM-CSF granulocyte/macrophage colony-

stimulating factor

gp glycoprotein

h hour

HIV human immunodeficiency virus

ICAM-1 intracellular adhesion molecules-1

IGE immunoglobulin E

IFN_{-α} interferon_{-α}
IFN_{-β} interferon_{-β}

IFN-γ interferon-γ

LIST OF ABBREVIATIONS (CONTINUED)

IFNR	interferon receptor
IL-1 a	interleukin-1 a
IL-1 ₆	interleukin-1 6
IL-1ra	interleukin-1 receptor antagonist
IL-2	interleukin-2
IL-3	interleukin-3
IL-4	interleukin-4
IL-5	interleukin-5
IL-6	interleukin-6
IL-7	interleukin-7
JL-9	interleukin-9
IL-10	interleukin-10
IL-11	interleukin-11
IL-12	interleukin-12
IL-15	interleukin-15
IL-14	interleukin-14
IL-16	interleukin-16
IL-17	interleukin-17
LAK	lymphokine activated killer
LCF	lymphocyte chemoattractant factor
MCSF	macrophage colony stimulating factor
mEq	millequivalent
mg/dL	milligram per deciliter
MHC	major histocompatibility complex
min	minute
MIP-1 ₀	macrophage inflammatory protein-1 8