



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكروفيلم

بسم الله الرحمن الرحيم



MONA MAGHRABY



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Decoy Receptor 3 as a Biomarker for Diagnosis of Bacterial Sepsis

Thesis

*Submitted for Partial Fulfillment of Master's Degree
in Medical Microbiology and Immunology*

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List of Abbreviations

Abb.	Meaning
ACCP	<i>American College of Chest Physicians</i>
APACHE II	<i>Acute Physiology and Chronic Health Evaluation II</i>
APC	<i>Antigen presenting cells</i>
AST	<i>Antimicrobial susceptibility testing</i>
AUC	<i>Area under curve</i>
CCL2	<i>CC-chemokine ligand 2</i>
CD	<i>Cluster of differentiation</i>
cDNA	<i>Complementary DNA</i>
CLRs	<i>C-type lectin receptors</i>
COPD	<i>Chronic obstructive pulmonary disease</i>
CRDs	<i>Cysteine-rich domains</i>
CRP.....	<i>C-reactive protein</i>
CXCL10	<i>CXC-chemokine ligand 10</i>
DAMPs	<i>Danger-associated molecular patterns</i>
DcR3	<i>Decoy receptor 3</i>
DCs	<i>Dendritic cells</i>
DIC	<i>Disseminated intravascular coagulation</i>
DR3	<i>Death receptor 3</i>
EBV	<i>Epstein-Barr virus</i>
EGF	<i>Epidermal growth factor</i>
ELISA	<i>Enzyme-linked immunosorbent assay</i>
ERK	<i>Extracellular signal-regulated kinase</i>
EST	<i>Expressed Sequence Tag</i>
FasL	<i>Fas ligand</i>
GBD	<i>Global Burden of Disease</i>
HLA-DR	<i>Human leukocyte antigen-DR isotype</i>

List of Abbreviations (Cont...)

Abb.	Meaning
<i>HMGB-1</i>	<i>High-mobility group box-1 protein</i>
<i>HSPG</i>	<i>Heparan sulfate proteoglycan-binding domain</i>
<i>ICAM-1</i>	<i>Intercellular adhesion molecule 1</i>
<i>ICU</i>	<i>Intensive care unit</i>
<i>IFN-γ</i>	<i>Interferon-gamma</i>
<i>IL-1</i>	<i>Interleukin 1</i>
<i>IL-1RA</i>	<i>Interleukin-1 receptor antagonist</i>
<i>IL-1β</i>	<i>Interleukin-1 beta</i>
<i>JNK</i>	<i>Jun NH2-terminal protein kinase</i>
<i>LODS</i>	<i>Logistic Organ Dysfunction System</i>
<i>LPS</i>	<i>Lipopolysaccharide</i>
<i>MAP</i>	<i>Mitogen-activated protein</i>
<i>MDSCs</i>	<i>Myeloid-derived suppressor cells</i>
<i>MEK</i>	<i>Mitogen-activated protein kinase</i>
<i>MHC</i>	<i>Major histocompatibility complex</i>
<i>MODS</i>	<i>Multiple Organ Dysfunction Score</i>
<i>NAATs</i>	<i>Nucleic acid amplification technologies</i>
<i>NETs</i>	<i>Neutrophil extracellular traps</i>
<i>NF-κB</i>	<i>Nuclear factor kappa B</i>
<i>NLRs</i>	<i>NOD-like receptors</i>
<i>NOD</i>	<i>Nucleotide-binding oligomerization domain like</i>
<i>OD</i>	<i>Optical density</i>
<i>PAMP</i>	<i>Pathogen associated molecular patterns</i>
<i>PCR</i>	<i>Polymerase chain reaction</i>
<i>PCT</i>	<i>Procalcitonin</i>
<i>PD-1</i>	<i>Programmed death 1</i>
<i>PDL-1</i>	<i>Programmed death ligand 1</i>