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شبكة المعلومـــات الجامعية التوثيق الالكتروني والميكروفيا.



#### جامعة عين شمس

التوثيق الالكتروني والميكروفيلم



نقسم بللله العظيم أن المادة التي تم توثيقها وتسجيلها على هذه الأفلام قد اعدت دون آية تغيرات



#### يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

40-20 في درجة حرارة من 15-20 منوية ورطوبة نسبية من

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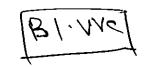












#### STUDY OF THE ROLE OF SOME CYTOKINES AND ANTISPERM . ANTIBODIES IN MALE INFERTILITY

#### Thesis

Submitted For Partial Fulfillment of The Master Degree in Clinical Pathology

By

Emad Farah Mohamed M.B.B.Ch

Supervised by

Prof. Dr. Nadia M. Abd-ElWahab
Professor of Clinical Pathology
Faculty of Medicine
Assiut University

Prof. Dr. Alaa Abd-ElAll Mobasher

Professor of Dermatology and Andrology Faculty of Medicine Assiut University

Dr. Ahmed Kamel Mustafa

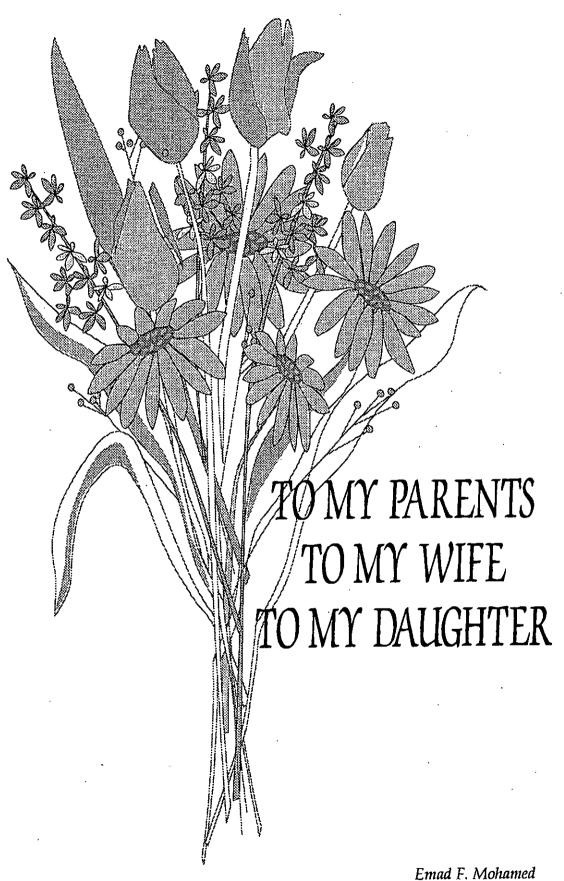
Assistant Professor of Clinical Pathology Faculty of Medicine Assiut University

> Faculty of Medicine Assiut University 2000

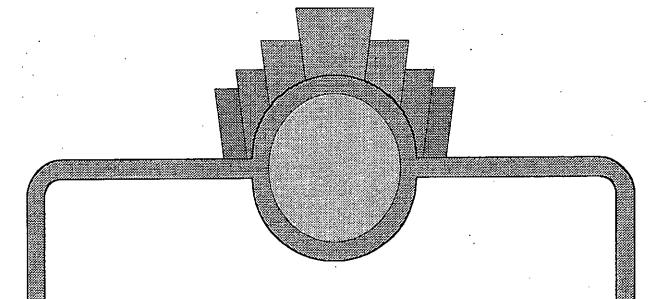
#### بسم اللم الرحمن الرحيم

لله ملك السموات والأرض يخلق ما يشاء يمب لمن يشاء اناثا ويمب لمن يشاء الذكور [٤٦] او يزوجمم ذكرانا واناثا ويجعل من يشاء عقيما انه عليم قدير [۵] صدق الله العظيم

سورة الشورك



Emad F. Mohamed 2000



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#### ACKNOWLEDGEMENT

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# ABBRAVIATIONS

#### **ABBREVIATIONS**

- ASA: Antisperm Antibody.

- IL-1: Interleukin-1.

- IL-RA: Interleukin Receptor Antagonist

- IL-6: Interleukin-6.

TNF: Tumour Necrosis Factor.

FSH: Follicle Stimulating Hormone.

- HCG: Human Chorionic Gonadotrophin.

- DNA: Deoxy Ribonucleic Acid.

- HLA: Human Lymphocytic Antigen.

- NK-Cell: Natural Killer Cell.

- PGs: Prostaglandins.

- PGH2: Prostaglandin-H2.

- PGE: Prostaglandin-E.

- C3: Complement-3.

- IgG: Immunoglobulin G.

- IgA: Immunoglobulin A.

- IgM: Immunoglobulin M.

- IGE: Immunoglobulin E.

- IFN: Interferon.

M-CSF: Macrophage Colony Stimulating Factor.

- c-AMP: Cyclic Adenosine Monophosphate.

- insP3: Inositol Triphosphate.

- HPLC: High Performance Liquid Chromatography.

GM-CSF: Granulocyte/Macrophage Colony Stimulating Factor.

EGF: Epidermal Growth Factor.

TGF: Transforming Growth Factor.

- FGF: Fibroblast Growth Factor.

PDGF: Platelet Derived Growth Factor.

- NGF: Nerve Growth Factor.

- LGL: Large Granular Lymphocyte.

LAK: Lymphokine Activated Killer.

MHC: Major Histocompatability Complex.

- KD: Kilo Dalton.

- LPS: Lipopolysaccharide.

- PMN: Polymorphonuclear

- MW: Molecular Weight

- MSH: Melanocyte Stimulating Hormone.

TCR: T-cells Antigen Receptor.

- CTL: Cytotoxic T-Lymphocyte.

BCSF-1: B-Cell Stimulating Factor-1

- CRF: Corticotropin Releasing Factor.

- ACTH: Adrinocorticotropic Hormone.

OAF: Osteoclast Activating Factor.

APR: Acute Phase Reactant.

- HSF: Hepatocyte Stimulating Factor.

SRIL-: Soluble Receptor of Interleukin.

- LH: Luteinizing Hormon.

- tIL-: Testicular Interleukins.

- WBC: White Blood Cells.

- ROS: Reactive Oxygen Species.

- F-MLP: F-Methionyle L-Leucyl Phenyl Alanine.