

شبكة المعلومات الجامعية







شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها على هذه الأفلام قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأفلام بعيدا عن الغبار في درجة حرارة من ١٥-٥٠ مئوية ورطوبة نسبية من ٢٠-٠٠% To be Kept away from Dust in Dry Cool place of 15-25- c and relative humidity 20-40%



بعض الوثائـــق الإصليــة تالفــة



بالرسالة صفحات لم ترد بالإصل

ESTIMATION OF THE LEVELS OF SOLUBLE CD40 LIGAND AND INTERLEUKIN-6 IN RELATION TO CARDIAC DYSFUNCTION IN PATIENTS WITH THALASSEMIA

Thesis

Submitted to the Medical Research Institute
Alexandria University
in partial fulfillment of the requirements for the
Degree

WINCOP

Of .

Master

In

Immunology

By

Tarek Mohamed Mohamed Shoghy
B.Sc. (Microbiology),
Faculty of Science Tanta University 1999

ESTIMATION OF THE LEVELS OF SOLUBLE CD40 LIGAND AND INTERLEUKIN-6 IN RELATION TO CARDIAC DYSFUNCTION IN PATIENTS WITH THALASSEMIA

Presented by

Tarek Mohamed Mohamed Shoghy

B.Sc. (Microbiology), Faculty of Science Tanta University 1999

For the Degree of

Master

In

Immunology

Examiner's committee

Approved

Prof. Dr. Amina El-Sayed Hussein

Professor of Immunology Medical Research Institute Alexandria University

Prof. Dr. Salma Yossry Mofeid Abo El-Nazar

Professor of Immunology Medical Research Institute Alexandria University

Prof. Dr. Nadia Ali Sadek

Professor of Hematology Medical Research Institute Alexandria University

Prof. Dr. Hoda Abo El-Fotoh Hassab

Professor of Hematology Faculty of Medicine Alexandria University

or-Salma Yossy

pr-f-ladd.fassab

Advisors' Committee

Approved

Prof. Dr. Amina El-Sayed Hussein

Professor of Immunology Medical Research Institute Alexandria University

pr. Nadid...

Prof. Dr. Nadia Ali Sadek

Professor of Hematology Medical Research Institute Alexandria University

Prof.Dr. Abd El-Aziz El-Kak

Professor of Cardiology Medical Research Institute Alexandria University

| | | |
|------|--|--|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |



| | | |
|--|--|------|
| | | |

Acknowledgment

This work would never be completed or crowned by success without the help of our merciful ALLAH, to whom our loyalty must remain forever beyond any compromise.

I am much grateful and I would like to express my sincere thanks and deep gratitude to **Prof. Or. Amina El-Sayed Hussein,** Professor of Immunology, Medical Research Institute, Alexandria University for her kind supervision, continuous guidance.

I wish to express my sincere and deepest appreciation, gratitude and my sincere thanks to my kind teacher Prof. Dr. Nadia Ali Sadek. Professor of Haematology, Medical Research Institute, Alexandria University for her continues guidance, encouragements and great supervision.

My great thanks to **Prof. Dr. Abd El-Aziz El-Kak**, Professor of Cardiology, Medical Research Institute, Alexandria University for his helpful advice, careful guidance and supervision.

Special thanks to **Dr. Gihan Nabil Mahmoud**, lecturer of Hematology, Medical Research Institute, Alexandria University for her effort in completing this work.

I would also like to extend my thanks to all members of the Immunology Department, Medical Research Institute, Alexandria University, for their support and encouragement.

I cannot forget to thank every patient who contributed to this work and all members of my family especially my Wife and my mother who suffered so much while being away from them during the work in my research.