

سامية محمد مصطفى



شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم



سامية محمد مصطفى



شبكة المعلومات الجامعية



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



سامية محمد مصطفى



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار



سامية محمد مصطفى



شبكة المعلومات الجامعية



بعض الوثائق الأصلية تالفة



سامية محمد مصطفى



شبكة المعلومات الجامعية



بالرسالة صفحات
لم ترد بالأصل



Tanta University
Faculty of Science
Chemistry Dep.

Flowcytometric And FISH Markers In Children With Acute Lymphoblastic Leukemia

A Thesis Submitted for PhD Degree, Biochemistry

By

Gehan El-Hussiney Mohamed Gawish

Medical Analyst Specialist, M.Sc. - Mansoura University, 2000

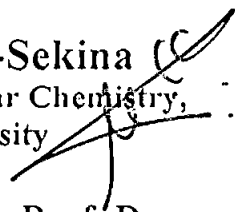
Supervisors

Prof. Dr. Morsy Masoud Abo-Sekina

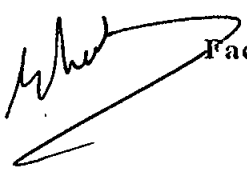
Professor of Physical & Inorganic & Nuclear Chemistry,
Faculty of Science – Tanta University

 Prof. Dr.

Abdelfattah M. Attallah
Prof. of Immunology and Genetics,
Director Biotechnology Research
Center, New Damietta

 Prof. Dr.

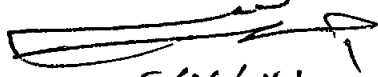
Ahmed Abdel-Salam Settin
Prof. of Pediatrics and Genetics,
Faculty of Medicine,
Mansoura University

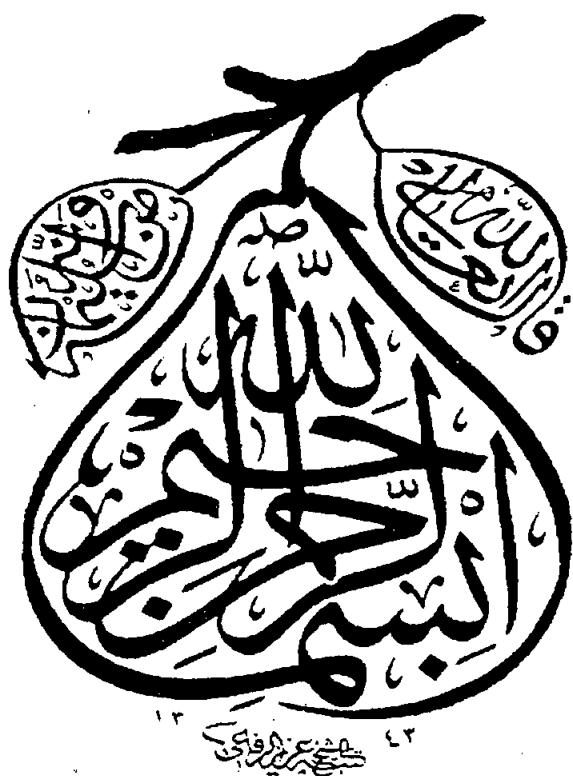
 **Dr. Ehab Mostafa Mohamed Ali**

Assoc. Prof. of biochemistry
Faculty of Science, Tanta University

2007

B. 1500-


5/2/21



Report of Examination

Thesis title:

Flowcytometric And FISH Markers In Children With
Acute Lymphoblastic Leukemia.

Candidate name:

Gehan El-Hussiney Mohamed Gawish

Referee Committee:

Name	Position	Signature

Date of Discussion:

Grade:

Signature:

Name	Position	Signature

Acknowledgements

First of all, I cannot give a word to fulfill my deeps love and thanks to (*Allah*) for lighting me the way not only throughout this piece of work but also throughout my whole life.

I wish to express my deep thanks to:

- ***Prof. Dr./ Morsy Masoud Abo-Sekina***, Professor of Physical & Inorganic & Nuclear Chemistry, Faculty of Science, Tanta University, for his efforts, kind supervision, revision, comments and giving the chance to this work to be performed.
- ***Prof. Dr./ Abdelfattah M. Attalah***, Professor of Immunology & Genetics, Director of Biotechnology Research Center, New Damietta, Egypt, for continuous advice, valuable discussions, valuable revision and presentation of the this in the final form.
- ***Prof. Dr./ Ahmed Abd Al Salam Settin***, Professor of Pediatrics & Genetics, Faculty of Medicine, Mansoura University, not only for suggesting the line of research investigated but also for his continuous help, encouragement throughout the study and presentation of this thesis in a final form.
- ***Dr./ Ehab Mostafa Mohamed Ali***, Assoc. Professor of Biochemistry, Faculty of Science, Tanta University, for his efforts, kind supervision, revision, comments and presentation of this thesis in a final form.

Finally, I am indebted to all the team of the honorable Genetics Unit, Mansoura University Children Hospital, for their continuous support, encouragement and help throughout this work.

Gehan Gawish

2007

Dedication

ALL MY LOVE TO MY



G. Gawish
2007

