

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

Chemical and Biochemical Studies on the possible influence of silymarin as a growth promoting agent and its hepatocytoprotective action in experimental animals

34972

Thesis Submitted

BvInas Aly Mahdy Khalil (B.Sc. 1974 & Msc. 1984) For the Degree of Doctor of Philosophy (Ph.D.) in Chemistry (Biochemistry)

Faculty of Science Ain-Shams University **Chemsitry Department**

Supervisors

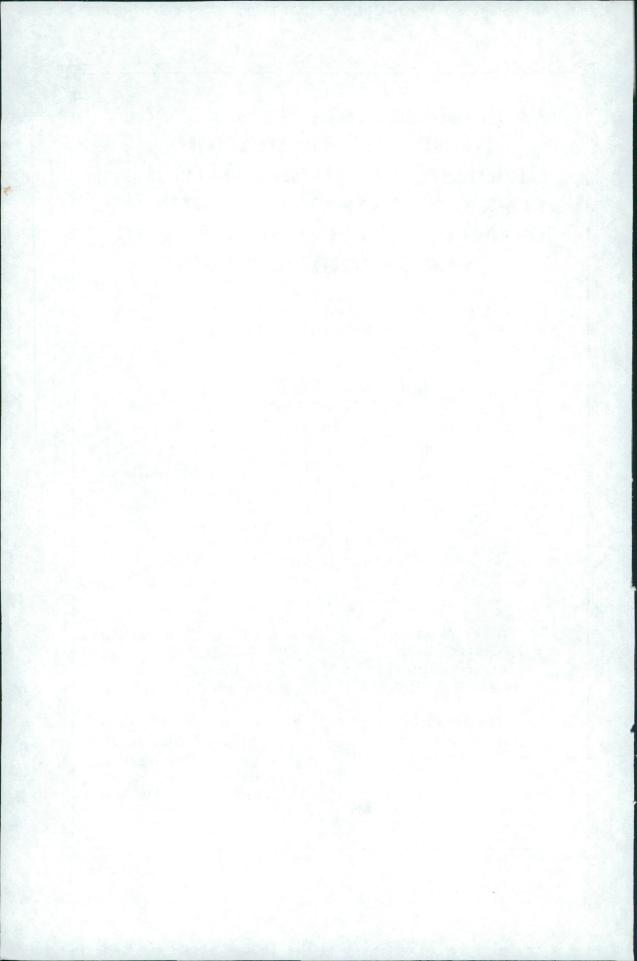
Prof. Dr. El-Sayed Ibrahim El Nagdy. Prof. Dr. Ahmed Mohamed Salem Dept. of Chemistry Faculty of Science Ain - Shams University

Dept. of Biochemistry, Faculty of Science Ain-Shams University

Prof Dr. Mohamed Atef Ghazy Dept. of Biochemistry Faculty of Agriculture El - Minia University

Associate Prof. Dr. Abd-El Karim Mousa El-Zawahry. Dept. of Pathology National Organization for Drug control and Research

1998-1999

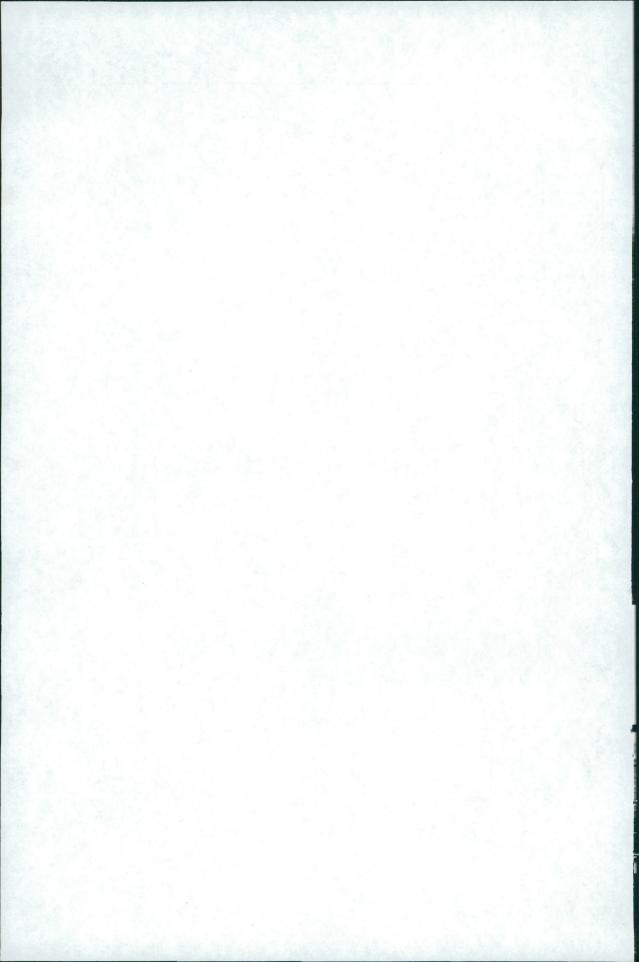




فال نعالى:

الْخُدُلِيِّهِ ٱلْمَاحِثَ الْآلِهُ اللَّهِ اللَّهِ اللَّهِ اللَّهِ اللَّهِ اللَّهِ اللَّهِ اللَّهِ اللَّهُ الللَّا اللَّهُ اللَّهُ اللَّاللَّ الللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ اللَّهُ

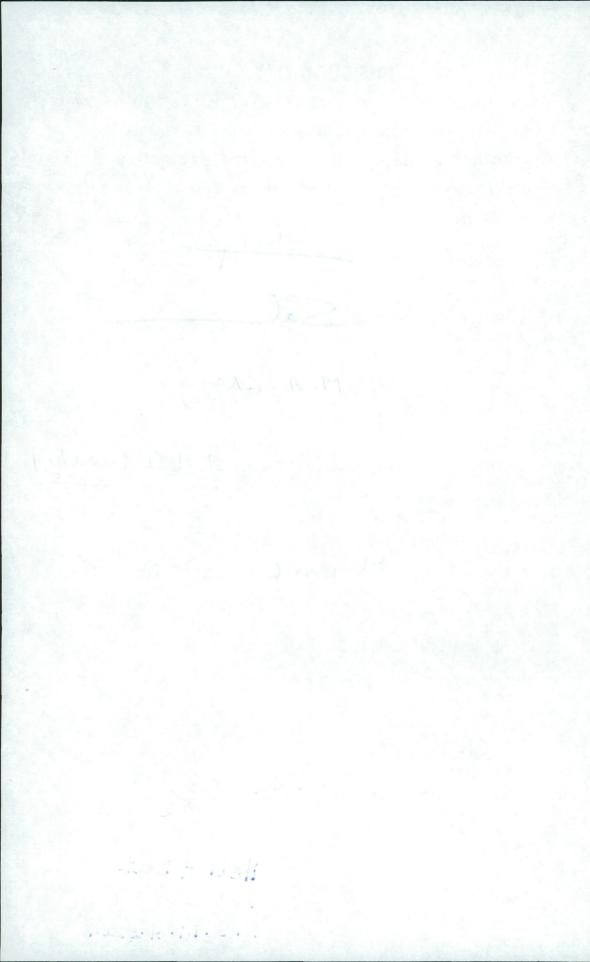
الإعلف: ١٤



THESIS ENTITLED

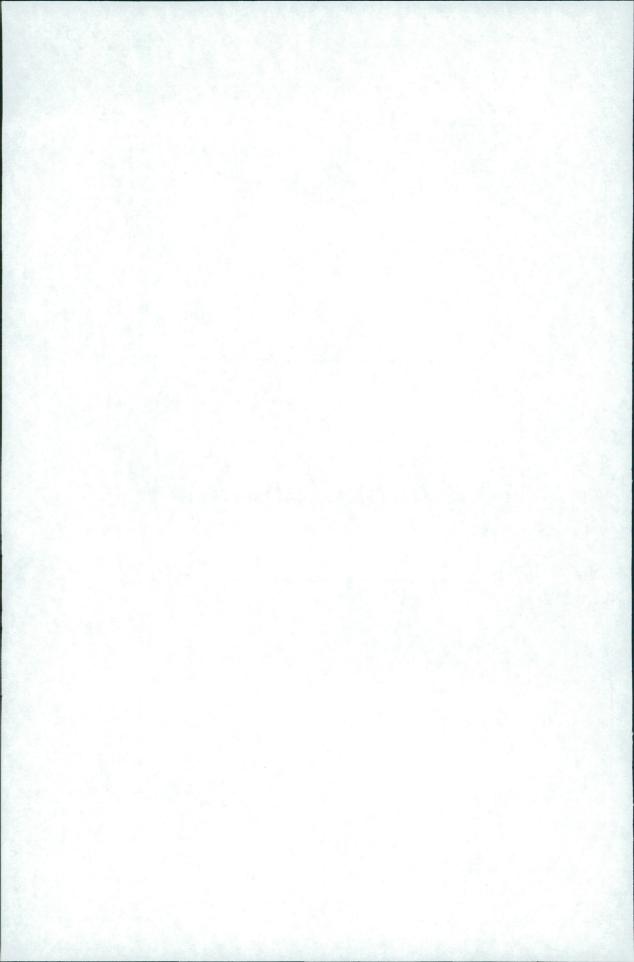
Chemical And Biochemical Studies On The Possible Influence Of Silymarin As A Growth Promoting Agent And Its Hepatocytoprotective Action In Experimental Animals

Thesis supervisors Approved
Prof. Dr. El-Sayed Ibrahim El-Nagdy. Prof. Dr. of Chemistry Faculty of Science Ain-Shams University
Prof. Dr. Ahmed Mohamed Salem
Prof. Dr. Mohamed Atef Ghazy. M. A. Ghazy. Prof. Dr. of Biochemistry. Faculty of Agriculture El-Minia University
Associate Prof. Dr. Abd-El Karim Mousa El-Zawahry. A. M. EL Zawahry Dr. of Pathology National Organization For Drug control and Research
Approved by
Prof. Dr. Youssef Sleman . Mo ham ed Prof. of Biochemistry Faculty of Science El-Minia University
Prof. Dr. El-Hussein Aly Reda. Prof. of Chemistry Faculty of Education Ain- Shams University
Prof. Dr. El-Sayed Ibrahim El-Nagdy. Prof. of Chemistry Faculty of Science Ain-Shams University
Prof. Dr. Mohamed Atef Ghazy. Prof. of Biochemistry. Faculty of Agriculture El-Minia University
Head of Dept.





To my family



ACKNOWLEDGMENT

First of all, prayerful thanks to our merciful God

I wish to express my appreciation and gratitude to Prof. Dr. *El-Sayed Ibrahim El Nagdy* Professor of Chemistry Ain-Shams University for his fruitful advice, kind supervision criticism and interest through the work.

I would like to express my gratitude to Prof. Dr. *Ahmed Mohamed Salem*, Professor of Biochemistry Faculty of Science, Ain-Shams University for his helpful advice, kind supervision criticism and interest throughout the work.

I am indebted to Prof. Dr. *Mohamed Atef Ghazy* Professor of Biochemistry, Faculty of Agriculture, El-Minia University for his generous help, continuous encouragement and kind supervision through all the work.

I graduated to associate Prof. Dr. *Abd El-Karim Mousa El-Zawahry*, Head of Pathology Department, National Organization for Drug Control & Research, for his kind supervision and criticism.

I acknowledge with gratitude the co-operation and experience gained from associate Prof. Dr. *Mamdoh Mohmoud Hafez*, Pathology Department, Faculty of Veterinary Medicine, Cairo University.

I graduated to Prof. Dr. *Aida Saad*, National Organization for Drug Control and Research for her help and providing all the laboratory facilities to accomplish this work.

I am deeply indebted to Prof. Dr. *Fathy El-Sayed Saad* Poultry Department, Faculty of Veterinary Medicine, Cairo University for his helpful advice throughout the work.

Finally, I wish to express my gratitude to Prof. Dr. *Hany Gohar*, Faculty of Veterinary Medicine, Cairo University, Prof. Dr. *Hussine Moharam*, National Organization for Drug Control and Research and Dr. *Eman Bakr*, Faculty of Veterinary Medicine Cairo University for the help.

