



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



شبكة المعلومات الجامعية  
@ ASUNET



# 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  
علي هذه الأفلام قد أعدت دون أية تغيرات



## يجب أن

تحفظ هذه الأفلام بعيدا عن الغبار

في درجة حرارة من ١٥-٢٥ مئوية ورطوبة نسبية من ٢٠-٤٠%

To be Kept away from Dust in Dry Cool place of  
15-25- c and relative humidity 20-40%

# بعض الوثائق الأصلية تالفة

# بالرسالة صفحات لم ترد بالاصل



CV 02

# ***Molecular Studies and Antibiotic sensitivity Of E.coli Isolated From different hosts***

***A Thesis***

**Presented to the Graduate School  
Faculty of Veterinary Medicine,  
Alexandria University  
In Partial fulfillment of the  
Requirements for the degree**

***Of***  
**Master of Veterinary Sciences**

***In***  
**( Microbiology)**  
**( Bacteriology and mycology)**

***By***  
**Amira Zaki Seliem Zayan**  
**B. V. Sc. Fac. Vet. Med ,ALEX University 2002**

***February 2011***



## **- ADVISORS' COMMITTEE :**

**Prof. Dr. Samy Abd-El-Salam Khalil**

Prof. of Microbiology

Head Of The Departemnt Of Microbiology

Faculty of Veterinary Medicine, Alexandria University



**Prof. Dr. Abd El-Salam Fawzi El-Sawy**

Prof. and Head of department of Pharmacology

Faculty of Veterinary Medicine, Alexandria University



**Prof. Dr. Yasser Naser Haggag**

Prof. of Zoonoses

Department of Animal Hygiene and Zoonoses

Faculty of Veterinary Medicine, Alexandria University







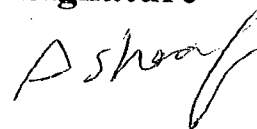
## Approval Sheet

Approval sheet for the thesis presented by " ***Amira Zaki Seliem Zayan***  
" for the degree of "M.V.Sc" in the Microbiologia (bacteriology and  
mycology) bransh from Faculty of veterinary Medicine Alexandria Univerisity.

### **Members**

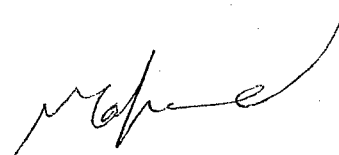
### **Signature**

***Prof. Dr. Ashraf Awad***



Professor and head of Microbiology Dept.,  
Faculty of Veterinary Medicine,  
Benha University

***Prof. Dr. Mohamed Ali Akila***



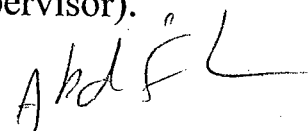
Professor of Microbiology,  
Faculty of Veterinary Medicine,  
Alexandria University.

***Prof. Dr. Samy Abd-El-Salam Khalil***



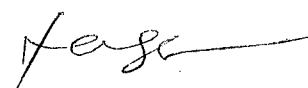
Prof. of Microbiology  
Head Of The Departemnt Of Microbiology  
Faculty of Veterinary Medicine, Alexandria University. (Supervisor).

***Prof. Dr. Abd El-Salam Fawzi El-Sawy***



Prof. and Head of department of Pharmacology  
Faculty of Veterinary Medicine, Alexandria University. (Supervisor).

***Prof. Dr. Yasser Naser Haggag***



Prof. of Zoonoses  
department of Animal Hygiene and Zoonoses  
Faculty of Veterinary Medicine, Alexandria University. (Supervisor).





# ACKNOWLEDGEMENT



## Acknowledgement

First of all prayerful thanks to *Allah* who gives me every thing I have.

Special thanks and full appreciation are due to *Prof. Dr. Samy Abd-El-Salam Khalil* Prof. of Microbiology, and Head of the Dept. of Microbiology, Faculty of Veterinary Medicine, Alex. Univ. for his help and direct effective advises during the course of this study.

Also, special thanks for *Prof. Dr. Abd El-Salam Fawzi El-Sawy* Prof. and Head of department of Pharmacology and *Prof. Dr. Yasser N. Hagag* Prof. and Head of department of Animal hygiene and Zoonoses, Faculty of Veterinary Medicine, Alexandria University for direct effective help during the fulfillment of this study .

Thanks are also due to the *Staff members of Department of Microbiology*, Faculty of Veterinary Medicine, Alex. Univ. and Animal health research institute Alex. Branch, for their great support and encouragement during this work .



