

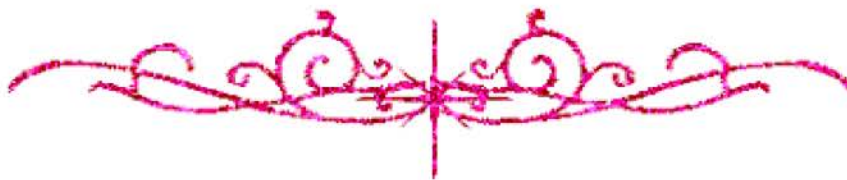
بسم الله الرحمن الرحيم



HOSSAM MAGHRABY



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



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جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

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



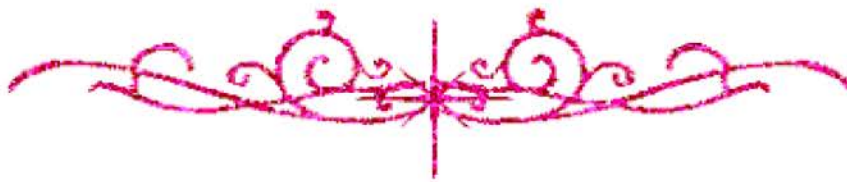
يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار

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بعض الوثائق الأصلية تالفة



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بالرسالة صفحات

لم ترد بالأصل



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Zagazig University - Banha branch
Faculty of veterinary Medicine - Moshtohor
Department of virology

B13313

The ability of restriction enzymes to differentiate between FMD virus isolates in Egypt

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B.V.Sc Cairo university (1991)

Diploma of Microbiology

Zagazig university . Banha branch (1997)

for

the degree of M,V Sc (Virology)

Under Supervision of

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Zagazig university - Banha branch

Prof Dr. Adel Omer Abed El Rahman

Cheif research of F.M.D department

Vet serum and vaccine Research Institute . Abbasia - Cairo

2001

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Faculty of veterinary Medicine Moshtohor
Department of virology

Approval Sheet

This is to approve that the dissertation presented by **Hiam Mohmed Fakhry Abed El Monam** to Zagazig Univeraity (Banha branch) entitled:

“ the ability of restriction enzymes to differentiate between FMD virus isolates in Egypt “ for the degree of M V Sc (virology) has been approved by the examining committee:

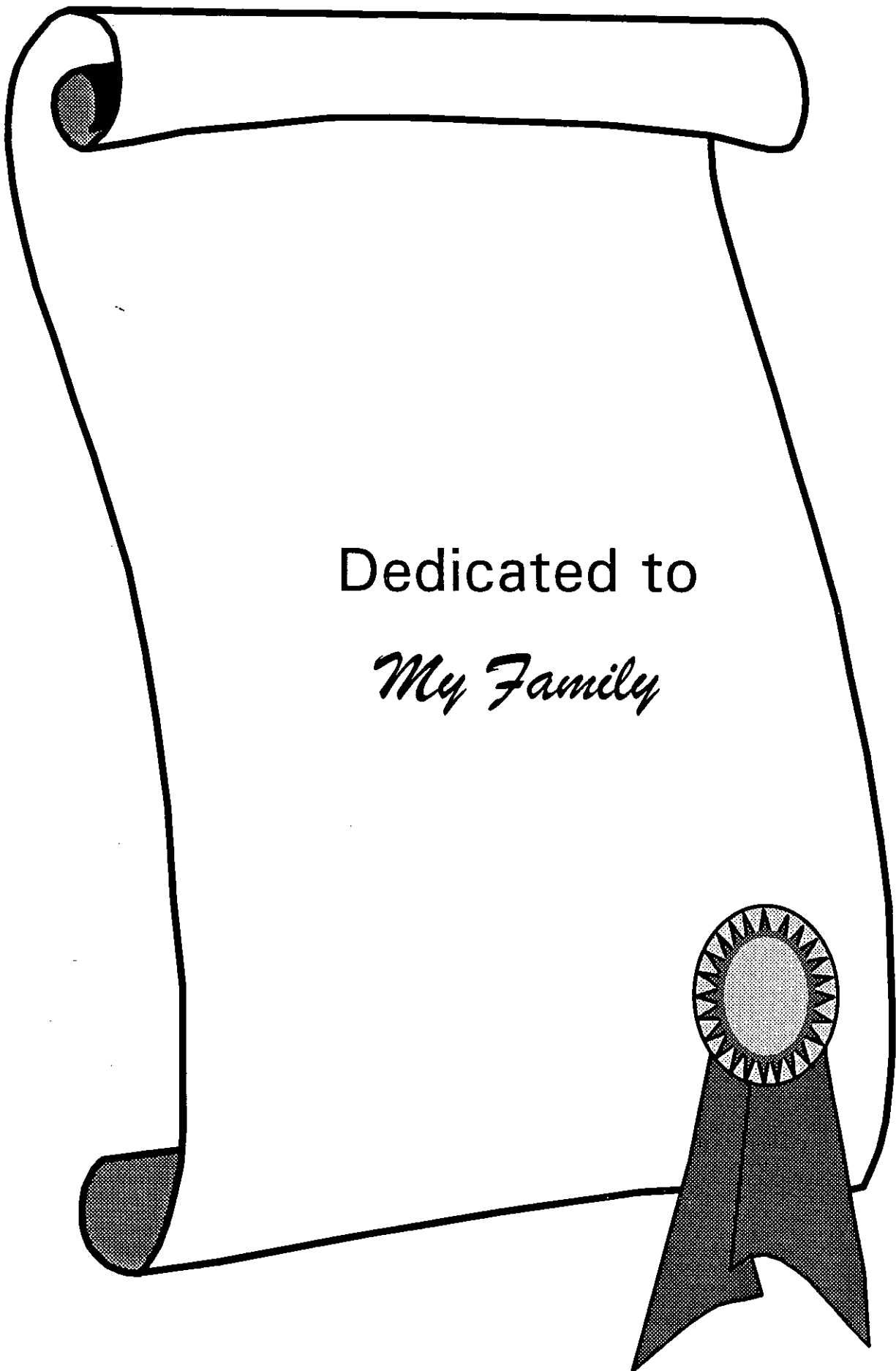
1- **Prof. Dr: Mohamed El Bakry** Prof of virology and head of
Abd-El – Rehim Ismael department of virology Faculty of MEL-Bakry
veterinary Medicine Zagazig
University.

2- **prof. Dr: Hanafy Mahmoud** Prof of virology and head of H.M.Madbouly
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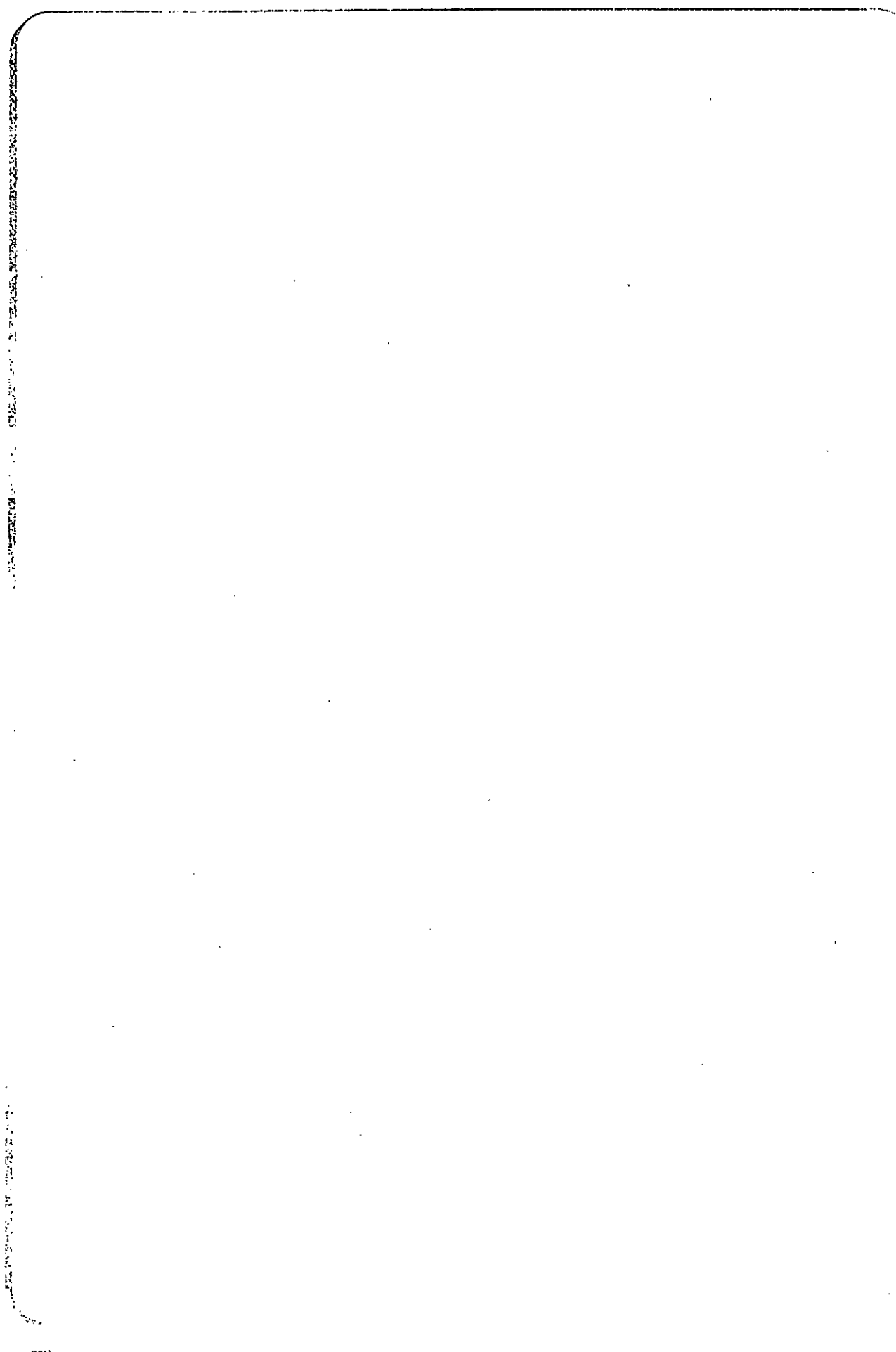
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4- **Prof. Dr: Adel Omar Abed El** Chief research of FMD
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Date: 4/7/2001

A hand-drawn scroll with a ribbon seal at the bottom right. The scroll is unrolled, showing a large blank space for text. The top and bottom edges are rolled up. A ribbon seal with a sunburst design is attached to the bottom right corner.

Dedicated to
My Family



Acknowledgement

I have a great honour to have Prof Dr. Gabr Fekry El-Bagoury (head of virology department ,Zagzig Univeristy,Banha branch) as a supervisor to this theisis ,not only he was a Prof. of virology but also he was a Prof. of molarity , Cooperation, Friendship and gentality. Thanks for all the efforts he exerted to finish this work.

I hope to continue under his supervision for more succesful work and cooperation.

I have no word to express my great appreciation to Prof. Dr. Adel Omar Abdel-Rahman (FMD Department Vet. Serum and vaccine Research Institute Cairo) but I can say a friend in need is a friend indeed .He is a man of duty and nobility.

I have a lot of words to express my heartly greating to Prof. Dr. Mohamed Ali saber. (Prof and head of biochemistry . tudour - Bilharz institute) Who opened his heart and mind before his lab to learn , work . guide . help and cooperate with us .

Thanks to Dr. Ibrahim Ismail for his great effort and I can pray to God and Beg him to save his life for us



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