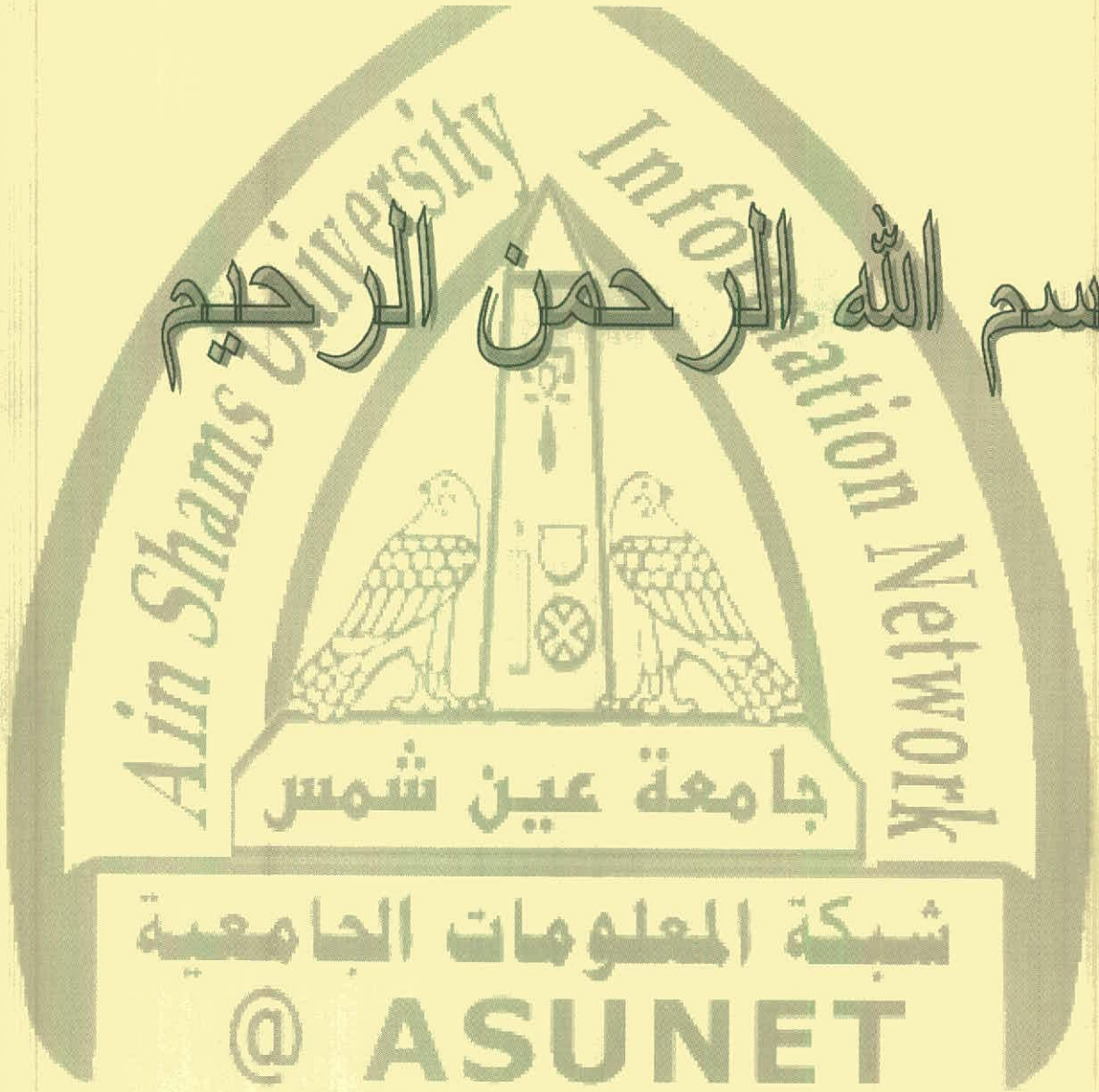
شبكة المعلومات الجامعية



بسم الله الرحمن الرحيم

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
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بعض الوثائـــــــق الاصليـــــة تالفـــة

بالرسالة صفحات لم ترد بالاصل

Zagazig University (Benha Branch)
Faculty of Veterinary Medicine- Moshtohor
Department of Virology

Comparative Studies on Rabies and Bovine Ephemeral Fever Viruses.

Thesis presented

By

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For

M. V. Sc. Degree, Virology

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APPROVAL SHEET

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" *Comparative Studies on Rabies and Bovine Ephemeral Fever Viruses*"

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CONTENTS

LIST OF ABBREVIATIONS

AGPT : Agar Gel Precipitation Test.

ARV : Adelaide River virus.

BEF virus : Bovine Ephemeral Fever virus.

BEI : Binary Ethylenimine.

BHK21 : Baby Hamster kidney cell culture.

BK : Bovine kidney cells.

BPL : Beta propiolactone.

°C : Degree Centigrade.

cDNA : Cloned Deoxyribonucleic Acid.

CER : Chicken embryo rough cells.

CF : Complement Fixation test.

CNS : Central Nervous System.

CPE : Cytopathic effect.

CRV : convulsive rabies virus.

CVS : Challenge Virus Strain of rabies virus.

DI : Defective Interfering particles

DIF : Direct Immunofluorescence technique.

EBL1 : European bat viruses 1.

EBL2 : European bat viruses 2.

ELISA : Enzyme Linked Immunosorbent Assay.

ERA : Evelyn-Rokitniki-Abeleseth rabies virus strain.

FAT : Fluorescent antibody technique.

FCS : Fetal Calf Serum.

FITC : Fluorescine isothiocyanate.

FF : Formalin Fixed.

G : Glycoprotein.

G(NS) : Non Structural Glycoprotein.

H&E : Haematoxylin and Eosin.

HBSS : Hank's balanced salt solution.

HEP : High Egg Passage.

HmLu-1 : Hamster Lung cells

HPLC : High Performance Liquid Chromatography.

I/C : Intracerebral Inoculation.

IF : Immunofluorescence technique.

i.m. : intramuscular inoculation.

IP : Immunoperoxidase technique.

Kb : Kilo base.

Kda : Kilo Dalton.

KIM : Kimberley virus.

L : Polymerase protein.

M1 and M2 : matrix proteins

MAbs : Monoclonal antibodies.

MEM : Minimum Essential Medium.

MILD : Mice intracerebral lethal dose.

MIT : mouse inoculation test.

MDBK : Madin-Darby Bovine Kidney Cells.

mRNA : messenger ribonucleic acid.

N : Nucleoprotein.

ORFs : Open Reading Frames.

PBS : Phosphate buffer saline.

PM : Post Mortem.

PRV : Paralytic rabies virus.

PV : Pasteur rabies virus strain.

RNA : ribonucleic acid.

RNP : Ribonulceoprotein antigen.