



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





شبكة المعلومات الجامعية



شبكة المعلومات الجامعية

التوثيق الالكتروني والميكرو فيلم

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

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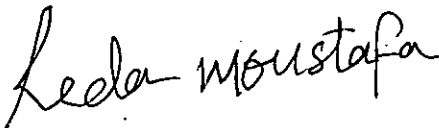


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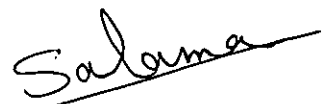
Evaluation of the Polymerase Chain Reaction in the Identification of Certain Bacteria Causing Nosocomial Infections.

Thesis
Submitted for Partial Fulfilment of Master
Degree of Science
(Microbiology)

By
Hala Mohammed Abu Shady
(B.Sc., 1995, Microbiology)

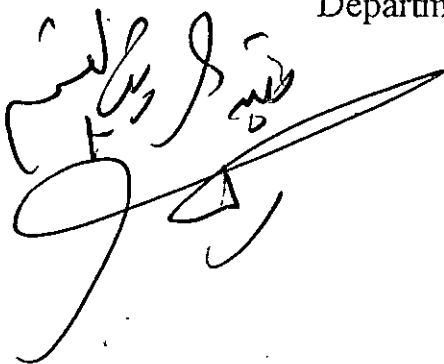
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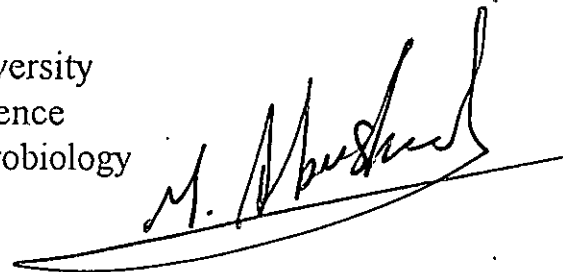
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لَا إِلَهَ إِلَّا أَنْتَ أَلَمْ يَلْمِزْكَ أَشَيْئًا أَنْتَ الْعَلِيمُ الْحَكِيمُ
 صَدَقَ اللَّهُ الْعَظِيمُ

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Thanks are also due to head and staff members of national agricultural genetic engineering institute (NAGEL) for their and extreme generous , advise, and support me by all facilities that this work was achieved.

Finally, I would like to express my deep gratitude to head, staff members and Colleagues of Microbiology Department for their continuous encouragement and support .

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CONTENTS

	page
ABSTRACT-----	
INTRODUCTION-----	1
LITERATURE REVIEW-----	3
I- Microbiological Study :	
1- Incidence of nosocomial infections.-----	3
2- Factors affecting the incidence of nosocomial infections.-----	6
3- The causative organisms nosocomial infections.-----	11
4- Effect of different groups of antibiotics on bacteria .-----	14
II- Molecular Biology Study :	
1- Isolation and purification of DNA.-----	18
a- Isolation of plasmid DNA.-----	18
b- Isolation of genomic DNA.-----	19
2- Polymerase chain reaction (PCR) .-----	20
3- Restriction endonucleases digestion.-----	23
MATERIAL AND METHODS :	
I- Collection of samples.-----	25
II- Bacterial isolation and identification .-----	27
III- Sensitivity and resistance of bacterial isolates to antibiotics .-----	34
IV- Identification of certain bacteria by Polymerase Chain Reaction .-----	37
a- Growth of bacteria in liquid media.-----	37
b- Isolation of plasmid DNA from <i>Escherichia coli</i> .-----	37

c- Isolation of genomic DNA from <i>Pseudomonas aeruginosa</i> .-----	38
d- Determination of concentrations and purity of DNA .-----	40
e- Restriction endonucleases .-----	40
f- Agarose - Gel Electrophoresis.-----	42
g- Visualization and photography of the gel.-----	43
h- Polymerase Chain Reaction.-----	43
 RESULTS-----	47
DISCUSSION-----	78
ENGLISH SUMMARY-----	89
REFERENCES-----	92
ARABIC SUMMARY.	
ARABIC ABSTRACT.	

PCR	Polymerase chain reaction
MRSA	Methicillin resistant staphylococcus aureus
PBP'S	Penicillin binding proteins
CFU	Colony forming unit
OD	Optical density
STET	Sucrose triton EDTA tris
dNTP's	Deoxynucleotide triphosphates
ONPG	Orthonitrophenyl galactoride
ADH	Arginine dihydrolase
LDC	Lycin decarboxylase
ODC	Ornithine decarboxylase
NO2	Production of nitrate and nitrite
H2S	Hydrogen sulphide product
URE	Urease
TDA	Tryptophan deaminase
IND	Indol production
VP	Voges-Proskauer
GEL	Gelatin liquification
GLU	Glucose
MAN	Mannitol
INO	Inositol
SOR	Sorbitol
RHA	Rhamminol
SAC	Sucrose
MEL	Mellibiose
AMY	Amygdalin
ARA	Arabinose
CIT	Citrate utilization

LIST OF TABLES

Table (1) : Antibiotic discs used for sensitivity tests .

Table (2) : Evaluation of antibiotic zone diameter (mm) in antibiotic sensitivity test .

Table (3) : Types of restriction endonucleases enzymes.

Table (4) : Rate of nosocomial infection in the hospital .

Table (5) : Nosocomial infection according to age .

Table (6) : Nosocomial infection according to sex .

Table (7) : Nosocomial infection according to type of operation .

Table (8) : Nosocomial infection in relation to debilitating factor .

Table (9) : Bacterial species isolated from surgical wound infections .

Table (10) : Different bacterial isolates collected from control sources in the hospital .

Table (11) : Antibiotic bioassay of different bacterial isolates from clinical and control sources in hospital .

Table (12) : The optimization of the PCR reaction .

LIST OF FIGURES

- Fig.(1) :** Api 20E strip for identification of Gram-negative rods .
- Fig.(2):** Nosocomial infections according to age .
- Fig.(3) :** Nosocomial infections according to type of operation .
- Fig.(4) :** Nosocomial infections in relation to debilitating factors.
- Fig.(5) :** Bacterial species isolated from septic surgical wound infections.
- Fig.(6) :** Electrophoretic separation of plasmid DNA from *E.coli*.
- Fig.(7) :** Electrophoretic separation of genomic DNA from *P. aeruginosa* .
- Fig.(8) :** Electrophotograph showing specific PCR products of *E.coli* plasmid .
- Fig.(9) :** Electrophotograph showing specific PCR products of *E.coli* plasmid .
- Fig.(10) :** Electrophotograph showing specific nested PCR products of *P. aeruginosa* .
- Fig.(11) :** Electrophotograph showing specific nested PCR products of *P. aeruginosa* .