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Isolation and Characterization of Antimicrobial and Antioxidant Compounds from Actinomycetes

Thesis

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By

Omnia Mohamed Abd Allah

B.Sc., in Microbiology and Chemistry (2012)

Faculty of Science, Ain Shams University

Supervisors

Prof. Sahar Tolba Mohamed

Professor of Bacteriology
Department of Microbiology
Faculty of Science
Ain Shams University

Prof. Mohamed Ragaa Mohamed

Professor of Biochemistry and
Molecular Biology
Department of Biochemistry
Dean of Faculty of Science, Ain
Shams University

Department of Microbiology
Faculty of Science
Ain Shams University
(2022)

"قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا
عَلَّمْتَنَا إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ".

سورة البقرة (٣٢)

This thesis has not been previously submitted for any degree at this or any other University

Signed

Omnia Mohamed Abd Allah

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List of Abbreviations

μ	Micron (10^{-6})
BLAST	Basic local alignment search tool
bp	Base pair
cm	Centimeter
DNA	Deoxyribose nucleic acid
dNTP	Deoxyribose nucleotide triphosphate
EDTA	Ethylene diamine tetra acetic acid
g	Gram
h	hour(s)
Kb	Kilo base
l/L	Liter
°C	Degree Celsius
mg	Milligram
μl	Microliter
mm	Milliliter
mg/ml	Milligram/milliliter
μg/ml	Microgram/milliliter
min	Minute
NCBI	National Centre for Biotechnology information
PCR	Polymerase chain reaction
rDNA	Ribosomal deoxynucleic acid
rRNA	Ribosomal ribonucleic acid
SDS	Sodium dodecyl sulphate
Sec.	Seconds
Sp.	Species
TAE	Tris-acetic acid-EDTA
TE	Tris-HCL EDTA
V	Volts
%	Percent
w/v	Weight/ Volume