



Faculty of Science



Ain Shams University

CONTROL OF PATHOGENIC BACTERIA IN DIFFERENT TYPES OF WATER USING NANOPARTICLES

THESIS

Submitted for a PhD degree in

Science (Microbiology)

By

Noha Mohamed Mohamed Sabry
(Master of Science)

Microbiology Department

Faculty of Science

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A Thesis

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قُلُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا عَلَّمْتَنَا إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ

البقرة (٣٢)

صدق الله العظيم

DEDICATION

I dedicate this work to whom my heartfelt thanks; to my father, my mother, my husband, my lovely son (Omar), my brother and my sister for their patience, help and for all the support they lovely offered along the period of my post graduation.

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